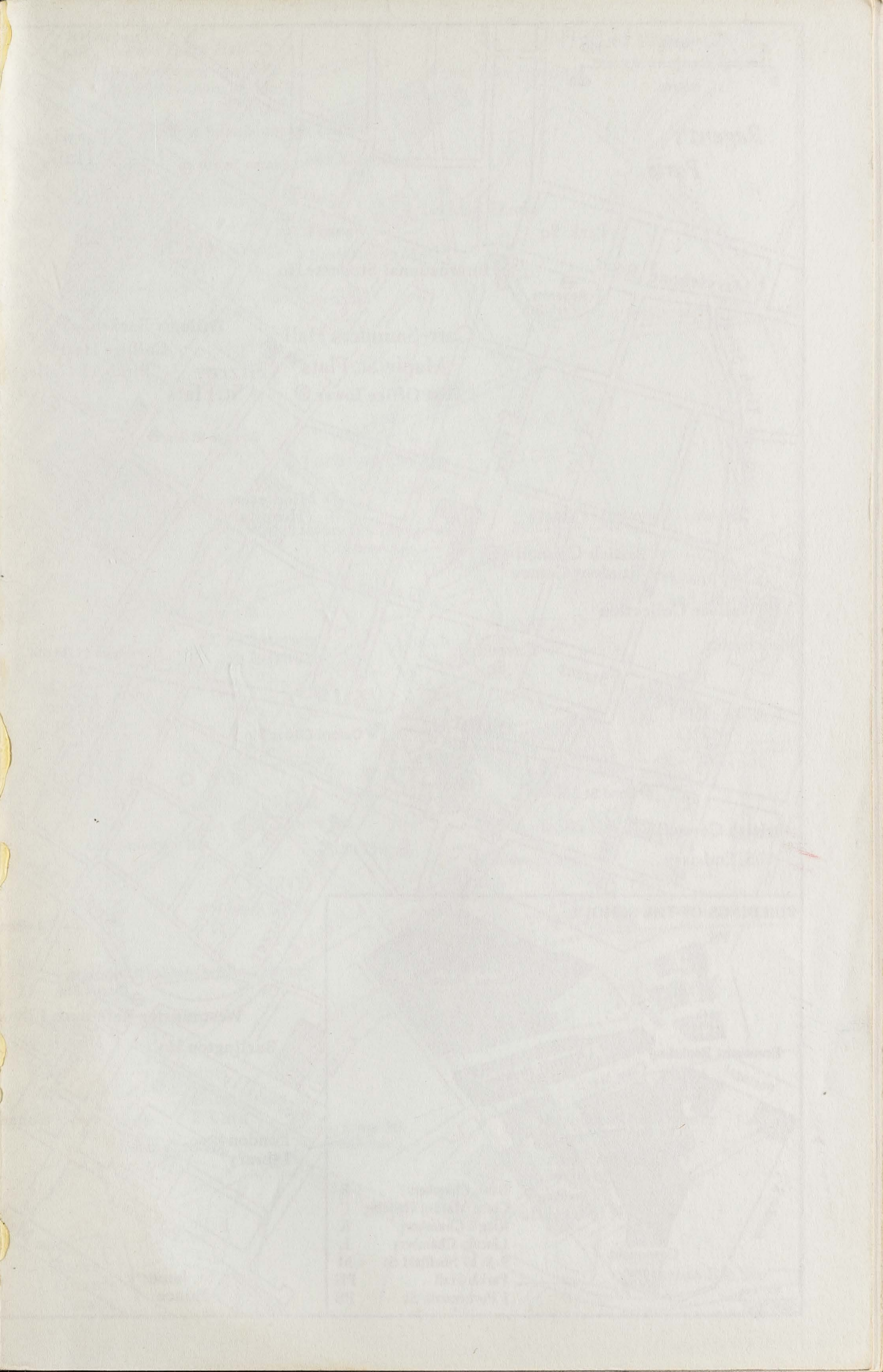


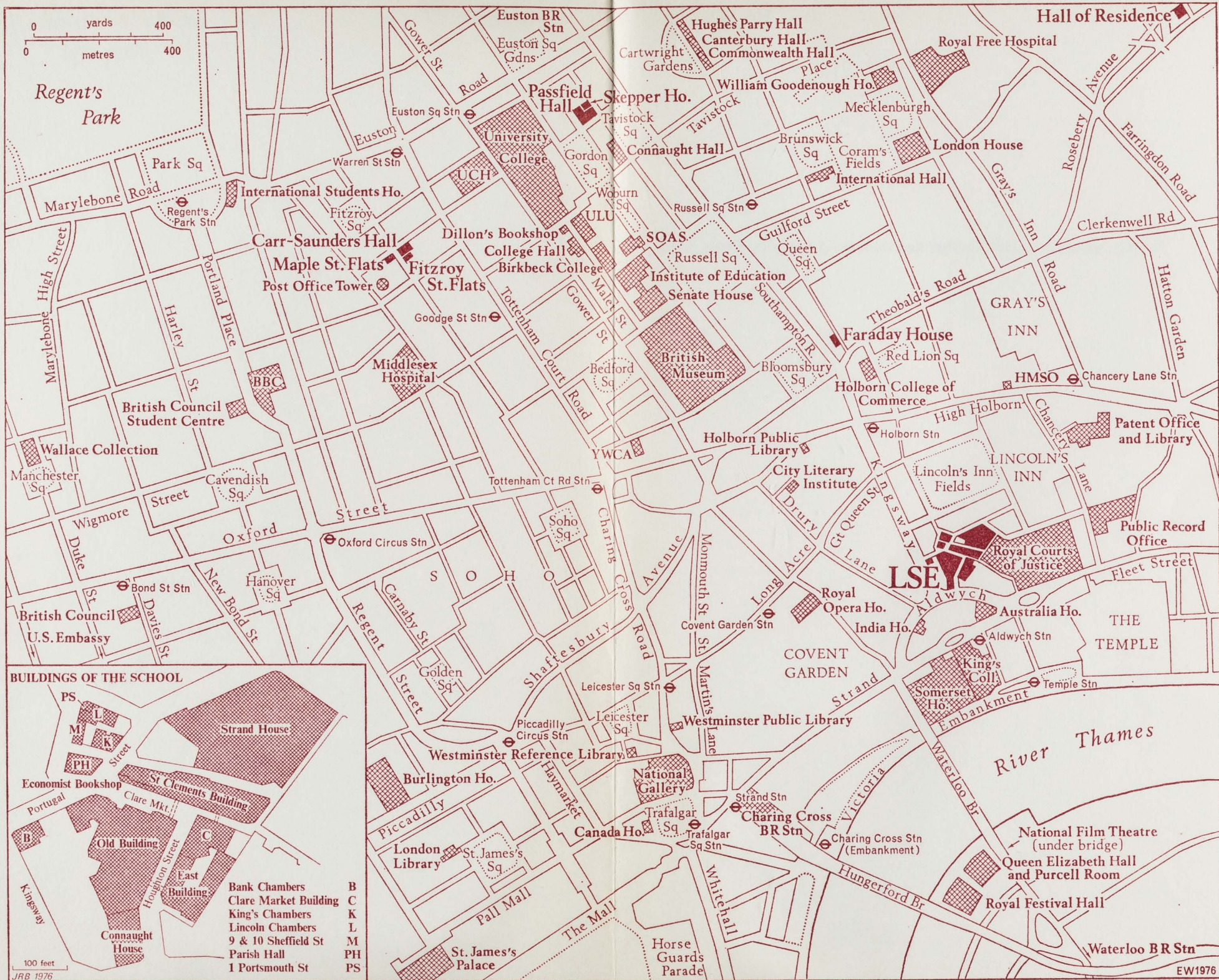
The London
School of Economics
and Political Science



Calendar 1976-77

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BUILDINGS OF THE SCHOOL

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Strand House

St Clements Building

Old Building

East Building

Connaught House

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

The London School of Economics and Political Science *Calendar* 1976-77



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

Calendar 1976-77

- 1. The School of Economics and Political Science
- 2. The School of Law
- 3. The School of Social Sciences
- 4. The School of Business Administration
- 5. The School of Education
- 6. The School of Communications
- 7. The School of Health and Social Work
- 8. The School of Architecture
- 9. The School of Music
- 10. The School of Drama
- 11. The School of Fine Arts
- 12. The School of Architecture and Planning
- 13. The School of Architecture
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- 99. The School of Architecture
- 100. The School of Architecture



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

Calendar 1976-77

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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, £3.00 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 1976-77

Michaelmas Term: Monday, 4 October 1976 to Tuesday, 14 December 1976
(Teaching begins Wednesday, 6 October 1976)

Lent Term: Monday, 10 January 1977 to Friday, 18 March 1977

Summer Term: Monday, 25 April 1977 to Friday, 1 July 1977

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

Calendar 1976-77

(University functions in Italics)

September 1976

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

October 1976

1	F	Conference for new undergraduate students	
2	S	Conference for new undergraduate students	
3	S	School Michaelmas Term begins Standing Committee, 5.15 p.m. <i>University Michaelmas Term begins. Standing Sub-Committee of the Appointments 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.</i>	
4	M		
5	Tu		
6	W		
7	Th		Athletics Committee, 4 p.m.
8	F		
9	S		
10	S	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m. Publications Committee, 11 a.m. General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m. Safety Committee, 4 p.m. External Relations Committee, 4 p.m.	
11	M		
12	Tu		
13	W		
14	Th		
15	F		
16	S		
17	S	Admissions Committee, 10 a.m. Academic Policy Committee, 2 p.m. Committee on Accommodation, 2 p.m.	
18	M		
19	Tu		
20	W		
21	Th		
22	F		
23	S		
24	S	Appointments Committee, 2 p.m. Library Committee, 4.30 p.m. Director's Reception for Academic Staff, 8 p.m.	
25	M		
26	Tu		
27	W		
28	Th		
29	F		
30	S		
31	S		

November 1976

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

December 1976

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

January 1977

1	S	New Year's Day
2	S	
3	M	School buildings re-open, 9.30 a.m.
4	Tu	
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	School Lent Term begins. Meeting of Professors of Economics, 2 p.m.
11	Tu	Admissions Committee, 10 a.m. Standing Committee, 5.15 p.m.
12	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.
13	Th	Safety Committee, 4 p.m.
14	F	
15	S	
16	S	
17	M	Student Health Service Committee, 4.15 p.m.
18	Tu	
19	W	Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Library Committee, 4.30 p.m.
20	Th	Committee on Accommodation, 2 p.m. Athletics Committee, 4 p.m. External Relations Committee, 4 p.m.
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	Appointments Committee, 2 p.m.
27	Th	
28	F	
29	S	
30	S	
31	M	

February 1977

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

March 1977

1	Tu	
2	W	Academic Policy 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. Library Committee, 4.30 p.m.
3	Th	Athletics Committee, 4 p.m. External Relations Committee, 4 p.m.
4	F	
5	S	
6	S	
7	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
8	Tu	Graduands' Reception, 6.30 p.m.
9	W	Presentation Day. Conference Grants Sub-Committee, 12 noon. Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
10	Th	
11	F	
12	S	
13	S	
14	M	
15	Tu	Standing Committee, 5.15 p.m.
16	W	Academic Board, 2 p.m. Research Committee, 4.30 p.m.
17	Th	Committee on Accommodation, 2 p.m.
18	F	School Lent Term ends.
19	S	
20	S	
21	M	
22	Tu	Sub-Committee on Computing, 10.30 a.m.
23	W	University Lent Term ends
24	Th	Meeting of the Court of Governors, 5 p.m.
25	F	
26	S	
27	S	
28	M	
29	Tu	Admissions Committee, 10 a.m.
30	W	
31	Th	

April 1977

1	F	
2	S	
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3	S	
4	M	
5	Tu	
6	W	School buildings close for Easter holiday, 9.30 p.m.
7	Th	
8	F	
9	S	
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10	S	
11	M	
12	Tu	
13	W	
14	Th	School buildings re-open, 9.30 a.m.
15	F	
16	S	
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17	S	
18	M	
19	Tu	
20	W	
21	Th	
22	F	
23	S	
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24	S	
25	M	School Summer Term begins. Meeting of Professors of Economics, 2 p.m.
26	Tu	
27	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.
28	Th	Safety Committee, 4 p.m.
29	F	
30	S	

May 1977

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

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

1	F	School Summer Term ends
2	S	
3	S	
4	M	Building Committee, 5.30 p.m.
5	Tu	Sub-Committee on Computing, 10.30 a.m. Standing Committee, 5.15 p.m.
6	W	<i>University Summer Term ends</i>
7	Th	
8	F	
9	S	
10	S	
11	M	
12	Tu	
13	W	
14	Th	
15	F	
16	S	
17	S	
18	M	
19	Tu	
20	W	
21	Th	
22	F	
23	S	
24	S	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	
31	S	

The Court of Governors

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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.

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 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.
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 Sir Paul Chambers, K.B.E., C.B., C.I.E., B.COM., M.SC.ECON., D.SC., LL.D., D.TECH.
¹D. P. Chesworth
 Mrs. Susan Crosland, B.A.
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 A. F. Earle, B.SC.ECON., PH.D.
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 Mrs. Nell McGregor, B.A., J.P.
 Sir George Maddex, K.B.E., F.I.A., F.S.A.
³D. A. Martin, B.SC.SOC., PH.D.
 The Right Hon. R. Maudling, P.C., M.A., M.P.
²Sir Harry Melville, K.C.B., PH.D., LL.D., D.SC., D.C.L., D.TECH., F.R.I.C., F.R.S.

¹Nominated by the Inner London Education Authority

²Nominated by the Senate of the University of London

³Nominated by the Academic Board

⁴Nominated by the London School of Economics Society

- The Right Hon. Lord Molson, M.A.
 J. A. L. Morgan, B.SC.ECON.
 R. M. Morison, M.A., C.A.
¹Eva Morris, B.SC.ECON., J.P.
 Sir Claus Moser, K.C.B., C.B.E., B.SC.ECON., F.B.A.
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M. Leifer, B.A. (READING), PH.D.; Reader in International Relations.

L. H. Leigh, B.A., LL.B. (ALBERTA), PH.D.; Reader in Law.

W. Letwin, B.A., PH.D. (CHICAGO); Professor of Political Science.

P. H. Levin, PH.D.; Lecturer in Social Administration.

C. M. Lewis, B.A. (EXETER), PH.D.; Lecturer in Latin American Economic History (joint post with Institute of Latin American Studies).

I. M. Lewis, B.SC. (GLASGOW), B.LITT., D.PHIL. (OXON.); Professor of Anthropology.

R. M. Lewis, LL.B., M.SC.; Lecturer in Industrial Relations.

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R. H. Macve, M.A. (OXON.), A.C.A.; Lecturer in Accounting.

Christine McIlroy, B.SC.(SOC.), DIPLOMA IN STATISTICS, M.SC.(STATISTICS); Research Officer, Population Investigation Committee.

D. McKay, B.A., PH.D.; Lecturer in International History.

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P. J. Mason, B.A. (CANTAB.), M.SC.; Research Officer, Department of Statistics.

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M. Perlman, B.B.A. (CITY COLLEGE OF NEW YORK), PH.D. (CHICAGO); Senior Lecturer in Economics.

G. D. E. Philip, B.A., D.PHIL. (OXON.); Lecturer in Latin American Politics (joint post with Institute of Latin American Studies).

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J. Potter, B.A., M.A.ECON. (MANCHESTER); Reader in Economic History with special reference to the U.S.A.; Adviser to General Course Students.

Margery Povall, B.A. (WITWATERSRAND), B.A. (SOUTH AFRICA), DIPLOMA IN PERSONNEL MANAGEMENT; Research Officer, Department of Social Science and Administration.

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G. C. Psacharopoulos, B.A. (ATHENS), M.A., PH.D. (CHICAGO), DIPLOMA FRENCH PLANNING TECHNIQUES (PARIS); Lecturer in Economics.

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H. B. Rees, DIPLOMA IN SOCIAL STUDIES (BRISTOL); Field Work Tutor.

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D. E. Regan, B.SC.ECON., PH.D.; Lecturer in Public Administration.

Miriam Reich, B.A. (JERUSALEM), M.S.W. (CALIFORNIA); Lecturer in Social Work.

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E. A. Roberts, B.A. (OXON.); Lecturer in International Relations.

S. A. Roberts, LL.B., PH.D.; Lecturer in Law.

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F. Rosen, B.A. (COLGATE), M.A. (SYRACUSE), PH.D.; Lecturer in Government.

J. V. Rosenhead, M.A. (CANTAB.), M.SC.; Lecturer in Operational Research.

I. Roxborough, B.A. (YORK), M.SC. (WISCONSIN); Lecturer in Political Sociology of Latin America (joint post with Institute of Latin American Studies).

G. G. Sage, DIPLOMA IN SOCIAL ADMINISTRATION, DIPLOMA IN APPLIED SOCIAL STUDIES; Lecturer in Social Work.

Sally B. Sainsbury, B.A., DIPLOMA IN SOCIAL ADMINISTRATION; Lecturer in Social Administration.

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G. Schöpflin, M.A., LL.B. (GLASGOW); Lecturer in East European Political Institutions (joint post with School of Slavonic and East European Studies).

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 J. Weeks, B.A., M.PHIL.; Research Officer, British Library of Political and Economic Science.
 Elizabeth A. Weinberg, A.B. (VASSAR), A.M. (HARVARD), PH.D.; Lecturer in Sociology.
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 P. J. de la F. Wiles, M.A. (OXON.); Professor of Russian Social and Economic Studies (joint post with School of Slavonic and East European Studies).
 J. E. Hall Williams, LL.M. (WALES); Reader in Criminology.

Joan M. Williams, DIPLOMA IN SOCIAL ADMINISTRATION, CERTIFICATE IN APPLIED SOCIAL STUDIES; Lecturer in Social Work.
 D. H. Winchester, B.SC. (WALES), M.SC.; Lecturer in Industrial Relations.
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 M. J. Wise, M.C., B.A., PH.D. (BIRMINGHAM); Professor of Geography; Chairman of the Graduate School Committee.
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 E. G. Zahar, M.A. (CANTAB.), M.SC., PH.D.; Reader in the Philosophy of Science.
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Vice-Chairman of the Academic Board: Professor A. H. John
Chairman of the Graduate School Committee: Professor M. J. Wise
Dean of Undergraduate Studies: Mr G. A. Grün

Conveners of Departments for the Session 1976-77

Accounting: Professor H. C. Edey
Anthropology: Professor I. M. Lewis
Economic History: Professor A. H. John
Economics: Professor A. R. Prest
Geography: Professor E. Jones
Government: Professor E. Kedourie
Industrial Relations: Professor B. C. Roberts
International History: Professor D. C. Watt
International Relations: Professor F. S. Northedge
Language Studies: Mr. R. Chapman
Law: Professor C. Grunfeld
Philosophy, Logic and Scientific Method: Professor J. W. N. Watkins
Social Psychology: Professor H. T. Himmelweit
Social Science and Administration: Professor A. A. Nevitt
Sociology: Professor D. G. MacRae
Statistics, Computing, Demography, Mathematics and Operational Research: Professor D. J. Bartholomew

Departmental Tutors for the Session 1976-77

Accounting: Mrs Susan Dev
Anthropology: Dr M. E. F. Bloch
Economic History: Dr P. Earle
Economics: Mr M. D. Steuer
Geography: Dr N. A. Spence (1st year B.Sc. and B.Sc.(Econ.) students)
Mr D. J. Sinclair (2nd year B.Sc. and B.Sc.(Econ.) students)
Professor M. J. Wise (3rd year B.Sc. and B.Sc.(Econ.) students)
Government: Mr A. J. Beattie
International History: Dr R. J. Bullen (B.Sc.(Econ.) students)
Dr D. R. Starkey (B.A. History students)
International Relations: Dr M. Leifer
Language Studies: Dr K. E. M. George
Law: Mr J. S. Anderson
Philosophy: Mr C. Howson
Social Psychology: Dr B. Geber
Social Science and Administration: Mr H. Glennerster
Sociology: Dr A. W. Swingewood
Statistics: Mrs K. E. Spitz

Committee Members

Committees of the Court of Governors

STANDING COMMITTEE

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

} *ex officio*

The Pro-Director
 Mr. C. H. Barclay ✓
 Mr. G. C. Brunton ✓
 Miss M. Goldring ✓
 Mr. R. J. Kirton ✓
 Sir Antony Part ✓
 Mr. S. F. Wheatcroft ✓
 Mr. C. V. Wintour ✓
 Professor H. C. Edey ✓
 Professor I. M. Lewis ✓
 Professor D. A. Martin ✓
 Professor Adela A. Nevitt ✓
 Professor A. R. Prest ✓
 Mrs. B. R. Scharf ✓
 Professor D. C. Watt ✓

} *nominated by the Academic Board*

BUILDING COMMITTEE

The Director
 The Pro-Director } *ex officio*
 Sir Alan Hitchman (Chairman)
 Mr. A. C. Gilmour
 Mr. P. G. Palumbo
 Mr. J. S. Anderson
 Mr. J. W. Carrier
 Mr. C. A. O'Muircheartaigh
 Professor B. C. Roberts
 Dr. A. P. E. L. Sealy

} *nominated by the Academic Board*

The Court has offered students four places on the Building Committee, namely two *ex officio* members of whom one shall be the President of the Students' Union plus two others elected by the Union.

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

The Chairman of the Court of Governors (Chairman)
 The Vice-Chairman of the Court of Governors
 The Director
 The Pro-Director

} *ex officio*

Sir Anthony Burney
 Professor G. L. Goodwin
 Mr. B. Griffiths
 Professor J. B. Joll
 Mr. D. J. Kingsley
 Mr. J. A. L. Morgan
 Professor Adela A. Nevitt
 Mr. P. G. Palumbo
 Lord Robbins
 Professor B. C. Roberts
 Mr. S. F. Wheatcroft

HONORARY FELLOWS COMMITTEE

The Chairman of the Court of Governors
 The Vice-Chairman of the Court of Governors
 The Director
 The Pro-Director
 The Vice-Chairman of the Academic Board (Professor A. H. John)

} *ex officio*

Sir Alexander Cairncross
 The Hon. A. M. Stamp
 Professor J. A. G. Griffithh
 Professor D. G. MacRae
 Professor D. C. Watt
 Professor B. S. Yamey

} *nominated by the Academic Board*

INVESTMENTS COMMITTEE

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

} *ex officio*

Sir Anthony Burney (Chairman)
 Mr. C. H. Barclay
 Mr. A. C. Gilmour
 Mr. R. J. Kirton
 Professor A. R. Prest

LIBRARY COMMITTEE

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

} *ex officio*

The Librarian
 Professor H. C. Edey (Chairman)
 Mr. R. E. Bird
 Sir Frank Francis
 Dame Mary Green
 Mr. P. G. Palumbo
 Miss M. F. Webb
 Dr. N. A. Barr
 Dr. D. M. Downes
 Professor Ragnhild M. Hatton
 Professor D. G. MacRae
 Professor A. K. Sen
 Professor D. C. Watt
 Mr. J. E. Hall Williams
 Professor M. J. Wise

} *nominated by the Academic Board*

The Court has offered students four places on the Library Committee.

Committees of the Academic Board

CAREERS ADVISORY SERVICE COMMITTEE

The Director
 The Pro-Director
 Mr. R. F. G. Alford (Chairman)

} *ex officio*

Mr. C. H. Barclay
 Mr. R. J. Hacon
 Mr. R. J. Kirton
 Sir Paul Reilly
 Mr. J. B. Selier
 Dr. M. G. Allingham
 Mr. M. E. Falkus
 Mrs. M. G. W. Hardiman
 Dr. C. M. Lewis
 Mr. S. P. Lumby
 Dr. T. J. Nossiter
 Mr. T. M. Partington
 Baroness Seear

} appointed by the Court of Governors

The Academic Board has offered students nine places on the Careers Advisory Service Committee, namely one *ex officio* plus one graduate and one undergraduate student from each of the four departmental groups.

COMMITTEE ON ACCOMMODATION

The Director
 The Pro-Director
 The Vice-Chairman of the Academic Board (Professor A. H. John)
 Mr. M. F. Banks
 Dr. C. Board
 Mr. D. G. Bradley
 Dr. Muriel Brown
 Mrs. S. F. D. Dev
 Mr. A. D. Jones
 Mr. C. A. O'Muircheartaigh
 Mr. E. Thorp

} *ex officio*

The Academic Board has offered students five places on the Committee on Accommodation, namely the Administrative Vice-President of the Students' Union *ex officio* plus one student from each of the four departmental groups.

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director
 The Pro-Director
 Dr. L. H. Leigh (Chairman)
 Mrs. M. G. W. Hardiman
 Dr. E. I. Hopper
 Dr. A. B. Polonsky
 Four student members

} *ex officio*

COMMITTEE ON UNDERGRADUATE STUDIES

The Director
 The Pro-Director
 The Dean of Undergraduate Studies (Mr. G. A. Grün) (Chairman)
 One member of the academic staff from each department
 One student member from each department
 The Academic Affairs Officer of the Students' Union *ex officio*

} *ex officio*

COMPUTER TIME ALLOCATION COMMITTEE

The Pro-Director
 The Vice-Chairman of the Academic Board (Professor A. H. John)
 The Convener of the Statistics Department (Professor D. J. Bartholomew)
 Mr. M. Zander
 One vacancy

} *ex officio*

GENERAL PURPOSES COMMITTEE

The Director
 The Pro-Director
 The Vice-Chairman of the Academic Board (Professor A. H. John)
 Mr. D. E. Baines
 Mr. A. J. L. Barnes
 Dr. K. Bourne
 Professor J. Durbin
 Professor J. A. G. Griffith
 Mr. R. Holmes
 Professor E. Jones
 Professor D. G. MacRae
 Professor F. S. Northedge
 Dr. R. R. Orr
 Dr. D. E. Regan
 Dr. O. M. Stone
 Mrs. E. P. Tate
 The Academic Board has offered students six places on the General Purposes Committee.

} *ex officio*

CONFERENCE GRANTS SUB-COMMITTEE

(A sub-committee of the General Purposes Committee)

The Director
 The Pro-Director

} *ex officio*

Three members of the academic staff nominated by the General Purposes Committee

GRADUATE SCHOOL COMMITTEE

The Director
 The Pro-Director
 Professor M. J. Wise (Chairman)
 Professor P. T. Bauer
 Professor H. C. Edey
 Professor E. A. Gellner
 Professor J. Hajnal
 Professor A. H. John
 Professor E. Kedourie
 Dr. Jean S. La Fontaine
 Professor H. Myint
 Professor Adela A. Nevitt
 Professor F. S. Northedge
 Dr. A. N. Oppenheim
 Professor B. C. Roberts
 Dr. K. R. Sealy
 Dr. H. Tint
 Professor D. C. Watt
 Dr. E. G. Zahar
 Mr. M. Zander

} *ex officio*

NORTHERN STUDIES COMMITTEE

- The Director
- The Pro-Director
- The Cultural Attachés of the Four Northern Countries } *ex officio*
- Professor Ragnhild M. Hatton
- Mr. F. F. Land
- Mr. M. J. Reddin
- Dr. A. Sked
- Dr. G. R. Smith
- Mr. K. E. Thurley

PUBLICATIONS COMMITTEE

- The Director
- The Pro-Director } *ex officio*
- The Librarian
- Professor M. S. Anderson (Chairman)
- Dr. G. D. Gaskell
- Professor D. G. MacRae
- Mr. J. B. L. Mayall
- Professor Adela A. Nevitt
- Mrs. J. A. Rees
- Dr. D. R. Starkey
- Dr. V. Wright

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
- Mrs. S. F. D. Dev
- Mr. J. R. Drewett
- Dr. D. F. Hendry
- Mr. R. A. Jackman
- Mr. M. A. Pickering
- Mr. H. B. Rees

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.

RESEARCH COMMITTEE

- The Director
- The Pro-Director
- The Librarian
- Professor P. T. Bauer
- Professor J. Durbin

- Professor Ragnhild M. Hatton
- Professor Hilde T. Himmelweit
- Dr. M. Leifer
- Dr. W. Letwin
- Professor D. G. MacRae
- Mr. K. E. Thurley
- Mr. M. Zander

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

- The Director
- The Pro-Director
- The Vice-Chairman of the Appointments Committee } *ex officio*
- (Professor B. S. Yamey)
- Professor M. S. Anderson
- Professor A. S. Douglas
- Professor A. H. John
- Professor R. T. McKenzie
- Professor E. J. Mishan
- Professor D. E. G. Plowman
- Professor P. J. O. Self
- Professor K. W. Wedderburn

Committees Advisory to the Director

ACADEMIC POLICY COMMITTEE

- The Director
- The Pro-Director
- The Chairman of the Graduate School Committee (Professor M. J. Wise) } *ex officio*
- The Dean of Undergraduate Studies (Mr. G. A. Grün)
- The Librarian
- The Vice-Chairman of the Academic Board (Professor A. H. John)
- Miss J. M. Aitchison
- Dr. K. Bourne
- Mr. M. C. Burrage
- Mrs. S. F. D. Dev
- Mr. M. D. Donelan
- Professor A. S. Douglas
- Dr. José F. Harris *grm*
- Dr. S. R. Hill *X*
- Mr. R. Holmes
- Mr. C. Howson *John*
- Mr. I. G. F. Karsten
- Professor E. Kedourie
- Dr. Jean S. La Fontaine
- Dr. L. H. Leigh
- Professor Adela A. Nevitt
- Dr. Celia M. Phillips
- Mr. J. Potter
- Mrs. J. A. Rees
- Professor A. K. Sen
- Dr. A. F. Shorrocks
- Dr. G. R. Smith
- Mr. M. D. Steuer
- Mr. K. E. Thurley

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director
The Pro-Director
Dr. R. C. Estall (Chairman)
Mr. A. J. Beattie (Deputy Chairman) } *ex officio*
Mr. R. F. G. Alford
Mr. D. E. Baines
Mr. M. H. Banks
Dr. N. A. Barr
Dr. J. L. Bell
Dr. K. Bourne
Dr. C. J. Crouch
Mr. P. F. Dawson
Professor H. C. Edey
Mr. M. E. Falkus
Mr. A. D. J. Flowerdew
Dr. K. E. M. George
Mr. G. A. Grün
Mr. A. D. Jones
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) } *appointed by the Court of Governors*
Mr. J. B. Gillingham
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
The Pro-Director

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
Mr. R. Chapman (Chairman)
Mrs. M. G. W. Hardiman
Professor R. J. Harrison Church
Dr. I. H. Nish
Mr. J. Potter
Mr. J. J. Thomas
The Welfare Vice-President of the Students' Union
The Chairman of the Union's Committee on Overseas Students' Welfare

The Academic Board has offered to increase the number of student members to eight including the Welfare Vice-President *ex officio*.

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

REFECTORY ADVISORY COMMITTEE

The Director
The Pro-Director
Mr. A. D. J. Flowerdew (Chairman) *appointed by the Court of Governors*
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.

Administrative Staff

Director

Prof. R. G. Dahrendorf, DR. PHIL. (HAMBURG), PH.D., D.LITT., LITT.D., D.H.L., LL.D., D.SC., DR. UNIV.

(Private Secretary: Gwendoline M. Bingham)

Academic Secretary

J. Alcock, B.A.

(Private Secretary: Elodie P. J. Olsen)

Financial Secretary

J. Pike, C.B.E., M.A.

(Private Secretary: Denise J. Prosser)

Deputy Academic Secretary and Registrar

G. Ashley, B.A.

Accountant

B. T. Parkin, B.A., F.C.A.

Bursar

L. V. McNaught-Davis

B. D. Barnard, B.A.: *Administrative Officer (Court)*

Ilse T. Boas, B.SC.ECON.: *Assistant Registrar (Timetabling)*

Anne M. Bohm, PH.D.: *Secretary of the Graduate School*

C. J. T. Braybrook: *Assistant Bursar (Accommodation, Planning and Furnishing)*

Patricia A. Carman: *Assistant Personnel Officer*

Doreen S. Castle: *General Secretary to the Population Investigation Committee*

Shirley A. Chapman: *Information Officer*

E. W. H. Clark, F.C.A.: *Assistant Accountant*

P. D. C. Davis, B.A.: *Publications Officer*

Winifred M. Davies, B.SC.ECON.: *Assistant Registrar (Examinations)*

A. N. P. Hall, B.A.: *Administrative Officer (Research)*

W. Harrison, A.C.I.S.: *Assistant Accountant*

Ambrosine B. Hurt: *Alumnus Officer*

J. G. Kelly, LL.B.: *Assistant Bursar (Residences and Catering)*

Monica M. McGeeney, B.A., M.A.: *Administrative Officer (Appointments)*

Joyce M. Metcalfe, B.A.: *Assistant Accountant (Superannuation)*

Evelyn M. Myatt-Price, M.A., CERTIFICATE IN ARCHÆOLOGY: *Senior Assistant Registrar*

Rosemary Nixon, B.A.: *Assistant Registrar (Undergraduate Admissions)*

P. J. Pasmore, F.C.C.A.: *Assistant Accountant*

Jennifer A. Pinney: *External Relations and Appeals Officer*

Diana F. Sanders, M.A., PH.D.: *Administrative Officer (Academic)*

B. J. Silk, A.C.I.S., M.C.I.T.: *Assistant Bursar (Administrative Services)*

Caroline I. Vining, B.A., BARRISTER AT LAW: *Personnel Officer*

Dorothy Williams, M.A.: *Administrative Secretary (Economics Department)*

G. J. Wilson, F.R.I.C.S.: *Building Surveyor*

Principal Clerks and Chief Clerks (Grades 3, 4 and 5)

Joan M. Alstin: *Graduate School Office*

Aina E. I. Anderson: *Economica Publishing Office*

Maureen P. Argyle, B.A.: *Personnel Department*

Pearl D. Baggott: *Accounting Department*

Patricia L. Barham: *Accounts Department*

Dorothy E. Bell: *Personnel Department*

Marion E. Blakemore: *Accounts Department*

K. A. Blanchard: *Bursar's Department*

Linda S. Burgess: *Accounts Department*

M. Burns: *Post Section (Bursar's Department)*

Sheila E. Carruthers, B.A.: *Examinations Office*

Marion A. Cooper: *Deputy Academic Secretary and Registrar's Department*

Sally M. Cooper, B.A.: *Economics Department*

I. Elsie Cooper-Hannan, B.A.: *Filing Section (Bursar's Department)*

Jean M. R. Curry: *Accounts Department*

Dora S. Deakins: *Social Science Department*

Anne D. Dix: *Skepper House*

Phyllis T. Edwards: *Administrative Officers (Academic, Court, Research)*

Jennifer Foode: *Special duties in Administrative Services of Bursar's Department*

Janet A. Fox: *Geography Department*

Ruth H. Griffiths: *Social Science Department*

Patricia S. Harrod: *Registry*

Peggy E. St. John Hayes: *British Journal of Industrial Relations*

W. Howarth: *Central Copying Services (Bursar's Department)*

Prudence A. Hutton: *Philosophy Department*

Elisabeth Johnson: *Language Studies Department*

Margaret Y. M. Jones: *British Journal of Sociology*

Eleanor V. Lloyd Jones: *Pro-Director's Secretary*

Betty A. Jory: *Centre for the Economics of Education*

J. Kelly: *Accounts Department*

Sheila M. Lacey: *Accounts Department*

Barbara M. Lenny: *Graduate Admissions Office*

Joan H. Lynas: *Economic History Department*

Olga B. Nebel: *Director's Office*

Jennifer M. Norman, B.A.: *Industrial Relations Department*

Diana K. Page: *Timetables Office*

Melody A. Pavey: *Personnel Department*

K. J. Pearson: *Post Section (Bursar's Department)*

Elizabeth M. Plumb: *Social Science Department*

Barbara E. Powrie, B.SC.SOC.: *Bursar's Department*

Morag W. Rennie: *Social Psychology Department*

Gladys A. Rice: *Anthropology Department*

Maria A. Romaine: *Economics Department*

Joan C. Rowat: *Registry*

Rosita M. Rutland: *Bursar's Department*

Elizabeth A. Schnadhorst, A.R.C.M.: *Government Department*

Anita C. Scholz: *Careers Advisory Service Office*

Joyce E. Simpson: *Registry*

Barbara A. Sloane: *Committee Typing Section (Bursar's Department)*

Ann Trowles: *Sociology Department*

Anne M. Usher: *Statistics Department*

Jacqueline I. Watling: *Central Copying Services (Bursar's Department)*

Jean C. Wellard: *Accounts Department*

Angela White: *Law Department*

Mary B. Whitty: *Undergraduate Admissions Office*

Geography Department

Eunice Wilson: *Chief Technician (Cartography)*

N. L. Cadge, B.A., A.L.A.: *Map Librarian*

T. Swan: *Senior Technician (Photography)*

Janet R. Baker: *Senior Technician (Cartography)*

A. J. Keats: *Senior Technician (Photography)*

Psychology Department

K. M. Holdsworth, TECH(C.E.I.), M.I.S.T., A.M.I.E.: *Chief Technician*

R. S. Cousins: *Senior Technician*

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

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

Student Health Service

J. A. Payne, M.B., B.S., D.OBST., R.C.O.G. (LONDON): *Senior Health Service Officer and Psychiatric Adviser*

H. P. Clarke, M.R.C.S., M.R.C.P. (LONDON): *Health Service Officer (Physician)*

Camilla Bosanquet, B.A., M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P.

(LONDON), D.C.H. (ENG.), D.P.M.: *Psychiatric Adviser (Part-time)*

Valerie Little, B.SC.PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P.

(LONDON): *Special Adviser to Women Students (Part-time)*

(—): *Ophthalmic Surgeon (Part-time)*

P. Ayling, B.D.S. (EDINBURGH): *Dental Surgeon*

J. Skuse, F.D.S., R.C.P.S. (GLASGOW), B.D.S. (LONDON), L.D.S., R.C.S. (ENG.), F.D.S.: *Dental Surgeon*

Penelope A. H. Rockley, S.R.N.: *School Nurse*

Davina E. Stewart, N.N.E.B.: *Nursery Matron*

Lesley M. Hirst, N.B.E.B.: *Nursery Officer*

Maintenance and Catering Staff

D. G. Morris: *Catering Manager*

Elizabeth Ryan: *Deputy Catering Manageress*

R. Edwards: *Assistant to House Manager*

Ruth Emberson: *Housekeeper*

W. C. Frisby: *Chief Electrician*

F. C. Jones: *Assistant Surveyor*

L. F. Kearey: *Head Porter*

D. W. Clements: *Audio Visual Aids Section*

P. Cope: *Supplies Assistant*

Carr-Saunders Hall

E. A. Kuska, B.A., PH.D.: *Warden*

Margaret S. Carroll, N.N.E.B., M.H.C.I.M.A.: *Domestic Bursar*

Passfield Hall

M. Perlman, B.B.A., PH.D.: *Warden*

Jill Martin: *Hall Bursar*

Rosebery Avenue

S. R. Hill, B.A., M.SC., PH.D.: *Warden*

D. Brindle, M.H.C.I.M.A.: *Hall Bursar*

Computer Services

Manager of the Computer Unit

P. J. Wakeford, B.SC. ECON.

D. P. Dalby, B.SC. ECON., M.SC.: *Senior Programmer*

Carol R. Hewlett, B.A., M.SC.: *Senior Programmer*

R. E. W. Jackson, B.A.: *Senior Programmer*

Margaret L. Dalby: *Operations Supervisor*

Y. L. Deshpande, M.STAT., M.SC.: *Programmer*

Margaret J. Jeffery, B.SC.: *Programmer*

A. J. King, H.N.D.: *Programmer*

R. J. O'Reilly, B.SC.: *Programmer*

R. S. Owen: *Programmer*

S. J. Walton, B.SC.: *Programmer*

British Library of Political and Economic Science

Librarian

D. A. Clarke, M.A., A.L.A.

Deputy Librarian

C. P. Corney, B.LITT., M.A., A.L.A.

Sub-Librarians

E. C. Blake, B.A., A.L.A.: *Official Publications*

Martha E. Dawson, M.A.: *Chief Cataloguer*

Maria Nowicki, LL.M.: *Acquisitions Officer*

Senior Assistant Librarians and Assistant Librarians

B. G. Awty, B.A.: *Acquisitions*

Margaret N. Blount, M.A., F.L.A.: *Cataloguing*

D. A. Bovey, B.SC.ECON., A.L.A.: *Acting Superintendent of Readers' Services*

Julia V. Garland, M.A., DIP.SOC.ANTHROP.: *Latin American Collections*

S. Goddard, M.A., A.L.A.: *Superintendent of the Teaching Library*

W. Hughes, B.A.: *Cataloguing*

B. R. Hunter, B.A., DIP.LIB.: *Slavonic Collections*

Christine G. James, M.A., A.L.A.: *Acquisitions*

C. R. Leggott, M.A., A.L.A.: *Cataloguing*

K. O. Parsons, M.A., BARRISTER AT LAW, DIP.LIB.: *Law*

J. R. Pinfold, B.A., DIP.LIB.: *Official Publications*

G. E. Angela Raspin, B.A., DIP. ARCHIVE ADMIN.: *Manuscripts*

Jacqueline F. M. Sage, B.A., DIP.LIB.: *Acquisitions*

Patricia A. Tankard, B.A., A.L.A.: *Readers Services*

Jacqueline M. Whiteside, M.A., A.L.A.: *Official Publications*

Principal Library Assistants

F. W. Blackburn: *Binding*

Diana M. Boreham: *Cataloguing*

Marjorie M. Burge, B.A.: *Official Publications*

E. W. P. Rhoades: *Administration*

Senior Library Assistants

H. Brewster: *Readers' Services*

Beverley A. Brittan: *Readers' Services*

Gail Collis: *Periodicals*

Frances Dunsmore, B.A.: *Cataloguing*

Joan M. England, B.A.: *Inter-Library Loans*

Vanessa J. Gilbey: *Teaching Library*

Angela Knox, A.L.A.: *Periodicals*

A. D. Lowson, F.L.C.M., A.R.C.M., L.R.A.M., A.L.A.: *Superintendent of Shaw Library*

R. Trussell, B.A., A.L.A.: *Cataloguing*

Processing Services

Alma C. Gibbons

Office Services

J. Ann Davidge: *Librarian's Secretary*

Honorary Consultant on the History of Book Production

Marjorie Plant, D.SC.ECON., F.L.A.

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 by 1977-78 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. Much expensive conversion work needs to be done and the School will be seeking to raise further funds for this purpose.

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 1974-75

On balance, and perhaps a little surprisingly, 1974-75 was a good year for L.S.E. The School has attacked the general financial crisis in a manner which combines realism with the determination to maintain standards of excellence. It has successfully continued its endeavour to re-house the British Library of Political and Economic Science, and at the same time improve the physical conditions in and around Houghton Street. It has strengthened its ties with individuals, organizations and institutions outside the School, both in Britain and overseas. It has played its proper part in the councils of the University of London. It has shown both a sense of purpose and an awareness of a changing educational and economic environment in its projections for the next five years. It has dealt with all these matters in a climate of mutual confidence between the many individuals who make up the London School of Economics. A new Director, reporting for the first time about a year in the life of L.S.E., cannot conceal his pride in having taken part in the test of excellence and of good sense which is embodied in such statements.

The financial position

The discovery that inflation hits all groups and institutions, and eventually wrecks them, is not new; but some are hit harder than others, and universities as well as their citizens are among them. So far as L.S.E. is concerned, the facts were reported to the Academic Board on 30 October 1974. In the Quinquennium 1972-77, the annual block recurrent grant for L.S.E. was supposed to rise from £2.6 million in the first year to £2.9 million in the last year. The School receives automatic compensation to meet the additional cost of pay awards to academic and analogous staff, but there is no such automaticity about supplementation to meet increases in other costs. At the beginning of the quinquennium a new system was introduced therefore by which the government undertook to meet 50 per cent of these other cost increases (as measured by the Tress-Brown index specially designed for university expenditure) on a permanent basis, i.e. as a lasting part of the recurrent grant of subsequent years, and to give careful consideration to the other 50 per cent in the light of the country's economic position. As a result of this system, the School received in 1973-74 supplementation believed to cover 100 per cent of the 1972-73 cost increases, amounting to roughly £170,000 for each of the remaining four years of the quinquennium. However, in January 1974, the University Grants Committee announced that in respect of the 1973-74 increases no supplementation at all would be available in 1974-75, and that 50 per cent of the supplementation in respect of the 1973-74 increases for the two remaining years of the quinquennium would be withheld. The announcement was made, moreover, at a time at which the rate of inflation in Tress-Brown terms had risen above 15 per cent and was rapidly approaching 30 per cent.

Calculations made within the School showed that even on the assumption that the rate of inflation remained at 20 per cent (which of course turned out to be over-optimistic), L.S.E. would lose supplementation of £225,000 and was at risk for a further £1 million during the remainder of the quinquennium. In the light of these facts, the Standing Committee of the Court of Governors and the Academic Board adopted the following guidelines for action:

It was inconceivable that government could tolerate the consequences of a financial shortfall of the order of magnitude foreseen by the last year of the quinquennium; we would therefore assume that remedial action would be taken before 1976-77, and support all initiatives by the Committee of Vice-Chancellors and others to this end.

In the years 1974-75 and 1975-76 however it would be necessary, even on the

most optimistic assumptions, to make considerable savings in most areas of the School's activity; and the various Committees with responsibility in these areas must begin immediately to define target and method of such savings.

It must be clear that such savings did not involve redundancies, and that they left academic standards unimpaired. This could be achieved only if we approached the needs with a view to developing an overall conception, thus maintaining a maximum of flexibility and steering clear of purely mechanical decisions such as a total moratorium on filling vacant posts. Indeed we might try to turn a regrettable situation to some advantage by using it to develop a notion of the main tasks and needs of the School in the last decades of its first hundred years.

In a series of special meetings, and in extensive consultations with all concerned, the consequences from these guidelines were elaborated by the established machinery of the School. I cannot report the facts without first thanking those, academic and administrative, senior and junior members of the staff who have taken part in this uncheerful exercise and above all accepted its outcome.

The target of savings to be made was, after careful consideration of all relevant data, eventually set at £350,000 for the two academic years 1974-75 and 1975-76 (with the major portion evidently falling into the session 1975-76, since the session 1974-75 was already well under way). This means no less than a reduction of expenditure over projections and expectations amounting to about 4 per cent of the total budget or, in plain language, a real deterioration of a considerable order of magnitude when at the beginning of the quinquennium at least modest progress had been, and could have been, expected.

Savings were decided on in three areas. One was, maintenance: reducing heating levels, deferring redecoration, and the like. In view of the fact that conditions around the School leave much to be desired in any case, the decision to try and save £150,000 in this area was particularly regrettable; but above all it was clear that maintenance work cannot be deferred for ever, but will in the end have to be done, and paid for, no doubt at higher prices.

The second, and in some ways most difficult, area concerned a selective moratorium on the filling of vacant academic posts. On 22 January 1975 the Appointments Committee decided a package of savings in academic expenditure amounting to £100,000 over the two years in question. This affects the Staff Research Fund, but involves above all the 'freezing' of some 16 posts.

A similar sum, that is £100,000, had to be saved by deferring the filling of vacant non-academic posts. On the basis of criteria established by the Committee on Administrative and Library Staffs, a procedure was developed to assess the need for filling vacancies immediately. Special attention was paid, by general consensus, to making sure that the Library services would not suffer unduly from a condition which affects all, but must not impair our standards.

Perhaps it is right to add at this point that the only group which was not asked to contribute to this difficult exercise was the Students' Union. Individual students of course suffer as much as anybody from the inflationary process. But the academic and governing bodies of the School took the view that the Students' Union should be encouraged to play its part as an independent organization, and taken together, the Students' Union and the Athletic Union in fact received a grant in 1974-75 which was 15 per cent higher in real terms than in the previous year.

Since these decisions were taken, two conflicting developments have occurred which in effect confirm the approach chosen by the School. One is that supplementation of the recurrent grant for 1974-75 has come forward from the U.G.C. and the University of London which, while by no means covering 100 per cent of the loss through inflation, considerably reduces the frightening prospect of a final year of the quinquennium which would have led to indefensible cuts. On the other hand, there is not only continuing uncertainty about the recurrent grant for that

final year, but above all a higher rate of inflation than anticipated in any of the earlier projections.

Hope is general that this process will be brought under control. If and when that happens, L.S.E. will have made its own practical contribution to this end. We have done so in the conviction that universities must contribute to solutions if they want to command support, but we have also done so in the confidence that once the financial waters are a little less troubled, the contribution of those who have acted with responsibility will be recognized.

Strand House and the physical environment of the School

The principles adopted by the School in order to cope with a difficult financial situation included one which deserves special emphasis: The plan to move the British Library of Political and Economic Science (B.L.P.E.S.) to Strand House must be neither delayed in time nor downgraded in importance because we find ourselves in a period of financial stringency. It is now possible to report that this principle too has proved to be practicable, and that there is real hope that the move will take place in the summer of 1978.

My predecessor, Sir Walter Adams, started his last Director's Report on the session 1973-74 with the laconic but proud and indeed historic sentence: 'The School has bought the freehold site and building, Strand House, in Portugal Street'. He then proceeded to praise the achievement and above all those individuals who had been responsible for it. There is little more than a footnote to add to this after the year 1974-75, although the theme may once again occupy first place in one of the next Director's Reports.

It is worth noting that the Library Appeal has not only continued, but has continued to be successful. The target of £1.8 million to be found from non-public donors has now been reached, and even slightly surpassed. It may be of some interest to say a word or two about the sources of this enormous sum. Forty-three per cent of the funds raised came from foundations at home and abroad, 22 per cent from U.K. business enterprises including banks, a further 22 per cent from L.S.E. groups of one kind or another. Here, the contributions by members of the staff of L.S.E., and by its governors deserve special mention, since they are a living proof of the attachment felt by those working in and for the School to L.S.E. and its future. Two-fifths of the funds raised in the appeal came from overseas, with the United States heading the table by a considerable margin, followed by Germany, Japan, Iran, Canada, Singapore, Hong Kong, Australia, Mauritius. In all, contributions have been received from 50 countries—a magnificent testimony to the international quality and reputation of L.S.E., and a fact to be remembered as the cost of overseas students has become a matter for doubt and criticism in Britain.

On 31 March 1976 W. H. Smith & Sons are going to move out of Strand House. This fact defines the major task ahead. Clearly, it would be irresponsible and wasteful to leave this valuable property in central London empty for any length of time, quite apart from the needs of the B.L.P.E.S. and of L.S.E. Equally clearly, a considerable sum of money will have to be found quickly in order to make an effective conversion of the building possible. Fortunately, this is widely recognized by the University, the University Grants Committee, and others concerned. But a major effort of imagination and initiative, as well as further help by friends all over the world, will be required in order to make the necessary come true, and I hope to be able to report next year that we have not failed in this respect.

One of the many advantages of Strand House is, of course, that it immediately adjoins the present buildings of the School. This fact should encourage us to think of the entire School precinct in one context and consider ways of improving it. Too many people have accepted the squalor of conditions in and around L.S.E. (and perhaps of our cities generally) without always realizing that it is after all

man-made, and can therefore be undone by men. At the very end of the Session 1974-75, Houghton Street was at last closed to through traffic, albeit for an 'experimental period' of 18 months; I sometimes dream of it as an open-air area with trees and chairs and sculptures and plenty of life, linking the ground floor area of all our buildings into one attractive cityscape. One of our buildings, St Clement's, has now been brightened up somewhat by a new, less drab coat of paint. But much remains to be done to improve the environmental conditions under which L.S.E. is living and working, and we shall keep this in mind as we proceed with the Strand House operation.

The School and the world outside

The world outside L.S.E. begins, of course, at our own front door, in the Law Courts, in Fleet Street and the City, Whitehall and Westminster, and even Covent Garden, and it ends in those distant places, where Friends of L.S.E. have organized groups for some time, or are in the process of doing so; Hong Kong, Japan, Australia, for example. The School has always recognized these ties. The composition of its Court of Governors, the list of its Honorary Fellows, the new Alumnus Register, but also the number of advisers of government on the staff of the School, the prominent speakers coming to it, the seminars and symposia organized by members of its staff for insiders and outsiders, and even the Director's Dinners (of which, including the Library Appeal Dinners preceding them, there had been 66 by the end of the Session 1974-75), all bear witness to this fact. There are however two or three points in this context which cannot be omitted from a report about the Session 1974-75.

The first of these is rather obvious, and has been made already. The Library Appeal has achieved its immediate target but that is not yet the end of the road. In fact, a very considerable sum will have to be found from non-public sources in order to make the conversion of Strand House possible; and at the time at which this report is written, the School is giving thought to ways of inviting its friends to continue their support for its endeavours. Lord Robbins, whose services to the School are immeasurable already, has continued his work of convincing people that the B.L.P.E.S. is a worthwhile cause, and he has the full support of the School and its Director.

There are, however, two other points of general significance. The School has recognized its ties with the world outside, but to some extent it has also taken them for granted. As we seem to be moving into a period in which it becomes almost fashionable to be inwardlooking, L.S.E. has a very special responsibility indeed. Our academic links with institutions elsewhere are numerous, but they need strengthening. Our links with alumni, friends, and with important institutions in other parts of the world deserve a thorough review; and perhaps there is a case for developing them. Indeed, L.S.E. may wish to take a more active part in organizing its external relations and making sure that its friends abroad are kept informed about the 'old' School, and that the School continues to receive the support of its many friends. It is for these reasons that two Committees were set up during the Session—one, concerned with academic links, growing out of the General Purposes Committee, the other, concerned with external relations more generally, and including the question of further appeals, growing out of the Standing Committee of the Court of Governors.

The other point is closer home. The need is widely felt in Britain today for a centre of the social sciences which combines (to use two possibly rather over-used words) relevance with excellence. The problems with which the country is faced require not only willingness to tackle them, but also a sense of direction which can be developed only by the mutual inspiration of those whose scholarship enables them to consider alternatives, weigh arguments, assess possibilities, and those

who are responsible for decisions in politics, business, major organizations. The London School of Economics always has been an almost natural centre for such contacts, and in the course of the last year the question has been raised whether the School should not make even more of this aspect of its tradition. The response, I hope, will be positive.

L.S.E. in the University of London

Since the reorganization of the University of London in 1900, L.S.E. has been one of its Schools. Over the years, this somewhat complicated organization which defies precise definition as federations or confederations often do, has provided its constituent Schools and Colleges with a number of important services. One is, the allocation of a block grant to Schools through the Court which in turn receives a U.G.C. grant for the entire University; another is the organization of academic matters such as degrees, or the appointment of professors and readers; a third is a machinery for cooperation between Schools and Colleges. In all these respects there have been changes, and in academic matters there has in fact been substantial decentralization in recent years.

More recently however, and as a consequence of a report by a Committee chaired by Lord Murray on the governance of the University, debate has turned in the opposite direction. A case was made for rather more central planning on the University level, and for strengthening the administration of the University in Senate House. Since its publication in 1972, the Murray Report has been the subject of scrutiny and debate, and the reaction of L.S.E., as quoted by Sir Walter Adams in his Report on the Session 1972-73, was shared by many in other Schools and Colleges: 'We are therefore opposed to the general tenor of the Murray Report to increase the powers of the academic organs of the University. We regard these central organs as providing valuable machinery for consultation, for the pooling of information and advice among teaching staff, for intercollegiate collaboration, and for assisting in the co-ordination of the academic activities of the federated colleges, but consider that an attempt to give them excessive authority and to involve them in resource allocation would imperil the continuation of the federation.'

This is not the place to recount in detail the developments that followed the first round of comments on the Murray Report. But since L.S.E., along with the other Schools and Colleges, devoted a good deal of time and energy to the matter during the past session, there may be a case for describing the state of play at the end of the Session 1974-75. This is the result of a series of Reports by a Consultative Committee set up in November 1972 as well as several discussions in the Collegiate Council and in Senate during the past session.

First, what the Academic Board of March 1973 described as 'the general tenor of the Murray Report' has effectively disappeared. There is no intention of undoing what is in fact a process of decentralization, as exemplified by the introduction of college-based degrees. There is above all no intention to abandon the system by which the Court of the University allocates block grants to Schools and Colleges and thus abstains from interfering in their government.

Secondly, there is a widespread belief that central planning within the University is insufficient. In particular the position of institutes, the place and future of the Medical Schools, developments like Chelsea College, but also unnecessary duplication and the absence of effective cooperation are given as examples. The setting up of a Joint Committee on Collective Planning (J.C.C.P.), with purely advisory functions, is seen as a beginning of change in this respect.

Thirdly, there is a feeling in some quarters that requirements on the University and its administration have grown to such an extent that the administration needs strengthening and possibly some streamlining; in practical terms, this would mean above all the appointment of a full-time Vice-Chancellor in charge of the Uni-

versity's administration in all its branches. At the same time, membership and composition of Committees could be brought up to date.

Some of these changes require changes in the statutes of the University. Since, however, these statutes are anchored in an Act of Parliament of 1926, the University is not free to agree on changes within its own councils. The Privy Council on 19 May 1975, in response to a petition by a number of members of the University, many of them from L.S.E., held that the University was prevented by the 1926 Act from appointing a full-time Vice-Chancellor. Discussion since May has focussed on the legal changes which may be necessary to enable the University more freely to adapt its arrangements to current and future needs. In order to make sure that this process and its intentions are fully understood, the University has agreed not to rush this process, but to allow for further discussion within the Schools and Colleges during the academic year 1975-76.

In all these debates, L.S.E. has played an active part. It has recognized the needs of the University, but also insisted on the principle of academic autonomy as this is laid down in the Hilton-Young compromise of 1926. After a somewhat turbulent period, it would now seem possible to combine those two considerations in a climate of confidence and cooperation.

The Quinquennial Development Statement

Finance and organization are necessary prerequisites, but not the substance, of academic life. Universities are about teaching and research, and good universities are about teaching on the basis of research. At a time at which such statements are no longer matters of course in many countries, including Britain, it seemed to me necessary to restate some of the fundamentals of academic life in a letter to the 'Times' on 24 May 1975:

1. Universities provide the unique opportunity of learning in a climate of openness, in which assumptions are questioned and new ways explored. Maintaining their ability to teach without dogma or even immediate function is essential for the survival of a free society.
2. Universities are places of research which, whether fundamental or applied, contributes to the ability of a country to adjust to changing conditions, and indeed to adjust conditions to changing demands.
3. Universities generally have a national base, but they are by definition international institutions; they link more than just the academic community and symbolize, if they do not create, the ability of countries to take their place in the world.
4. Universities set the tone for other parts of the educational system. If they are turned into places of conveyor-belt teaching, their dullness would soon pervade other institutions as well and make them places of suffocation rather than inspiration.'

At L.S.E., there has never been any doubt about these points, and it was the need to prepare a Quinquennial Development Statement for the years 1977-1982 which provided the School with an opportunity to define its academic purposes in the context of the socio-economic climate in which they will have to be realized. This above all is the point about L.S.E.'s submission for the next quinquennium. There is some discussion of the economic and political feasibility of a quinquennial grant, but whatever its outcome, medium-term planning remains necessary.

The Schools' Quinquennial Development Statement 1977-82 was put to the Academic Board on 25 June 1975 and to the Court of Governors on 26 June 1975. It was adopted by both. Since its main elements summarize the School's view of its future, they may be worth recounting in this Report:

1. The socio-economic climate in which L.S.E. is operating in the years to come requires three virtues: a realistic assessment of what is possible, provision for

a high degree of flexibility to adapt to unforeseen contingencies, and concentration on areas which are already well-developed and strong. Zero-growth is certainly not a desirable goal, but if a stationary state, or even negative growth, is forced upon us, we must make the best of it by remaining flexible within and by cutting down where it hurts least.

2. L.S.E. is strong, indeed exceptional, in a number of respects: its location; its large number (1973/74: 35 per cent) of overseas students drawn from some 60 countries; its large proportion of postgraduate students (1973/74: 47 per cent); its considerable proportion of students with some practical experience, 'post-experience students' (in 1974/75: 57 per cent of all full-time postgraduates, and 8 per cent of all undergraduates); the degree of interdisciplinary cooperation in the whole range of the social sciences; its great Library. These are therefore the aspects of the School's work that need to be kept strong.

3. The conversion of Strand House and consequent developments within the Old Building will change the physical conditions of L.S.E. out of recognition. Within the next quinquennium, B.L.P.E.S. will at last get accommodation worthy of its national and international value; and the School will be able to provide reasonable facilities for academic purposes.

4. Student numbers will remain more or less stable over the next five years. Without imposing a rigid limit, and accepting the limitations inherent in figures expressed in terms of 'full-time equivalents' (according to which one post-experience student coming for three weeks would count as 0.1 student), the figure we are thinking of is 3,500 (F.T.E.) students by 1982. Of these, a large proportion will continue to be graduates; indeed the School would easily be able to increase this proportion; but realism suggests as an appropriate relationship 1,900 undergraduates and 1,600 graduates by 1982. The School assumes however that the proportion of overseas students will remain at least at its present level, and that efforts will be made to increase the number and proportion of post-experience students.

5. Increases in staff anticipated for the present quinquennium have in fact not been possible; on the contrary, under the financial constraints described earlier, 16 posts had to be 'frozen'. The School assumed that these will be unfrozen by the end of the present quinquennium, but expects no more than a very modest increase in the number of staff paid out of recurrent grant over the following five years.

6. In considering these developments, the School has taken due note of submissions made by its departments. At the same time, the Quinquennial Development Statement deliberately goes beyond a mere summary of such submissions and considers the academic needs of one of the great centres of excellence in the social sciences as a whole. It is here that the Academic Board and the Court of Governors have shown what may well be a unique sense of responsibility for the institution as such, and while undoubtedly some of its members feel that their reasonable and well-argued requests have not been sufficiently recognized, taking a more catholic view of the future of L.S.E. may well have strengthened the sense of purpose of all.

There are some aspects here which affect all departments alike. One is of course the conversion of Strand House and its consequences for accommodation in the old buildings. Another is research, insufficiently recognized by the grant-giving authorities as an activity which cannot simply be related to student numbers, and for which L.S.E. is especially qualified in the areas of its competence. There is also a growing problem of scientific publications, where L.S.E. has always—and generally successfully—tried to break even, but where conditions outside our control require a new look at the problem.

Then there are academic developments to which the School attaches particular importance, and where some expansion would seem indicated, even if this occurs in part at the expense of other areas of activity; Student demand changes, and that

means that some departments (like Accounting, Industrial Relations, Law, Social Psychology) need more teachers. Post-experience teaching requires a re-thinking of methods and an increase in staff in several areas. International economic relations have always been a subject of interest to a number of departments; considering the significance of the subject, some development should be envisaged. The study of population is no longer particularly popular in countries with declining populations, but L.S.E. continues to be one of the few places to offer excellent courses in this subject which should be developed.

Having summarized the main points of the School's development statement for 1977-82, it may be right to quote in full the last paragraph of this statement which sets the tone and indicates the substance of our relations with the University, the University Grants Committee, and ultimately the Government:

'This Quinquennial Statement falls far short of the aspirations and indeed the potential of the London School of Economics. In quantitative terms, it is less than the sum of the departmental submissions made to the School; these in turn were already made on the assumption of realism and restraint. In looking at its internal structure, the School has decided to reduce rather than develop areas which lingered on the borderline of feasibility, although they were of interest to students and staff alike. The School will also continue to try and attract outside support in so far as it fits in with its own academic potential and planning. But having adopted realism, a desire for flexibility, and concentration on its existing strength as its guidelines, the School is bound to state that anything short of the modest proposals advanced in this statement would amount to an uneconomical waste of existing resources and ultimately to the deterioration of one of the international centres of learning in Britain'.

The community called L.S.E.

During the Session 1974-75, the population of the School consisted of 3,331 F.T.E.s (to use the official concept once again) which in fact, including part-time and occasional students, means 3,721 students to which may be added 56 professors, 246 members of the non-professorial academic staff, 65 members of the library staff, and 350 members of the non-academic staff, plus some 100 part-time and research staff members. In a community of some 4,500 people there are bound to be differences of view and occasional problems, but if anything is striking about this group of people, it is their sense of loyalty to the London School of Economics. To be sure, members of the academic staff go out to other places, generally because they are promoted to more senior positions; but even they do not forget the School, and some of them return later. To be sure, there is a certain turn-over among the library and non-academic staffs; but the large majority of them stay for many years and come to like the place. This is one of the great assets of L.S.E., and a new Director has every reason to be grateful to those responsible for creating this sense of loyalty and allegiance, and indeed to every member of the staff. It would seem that by a policy of open government, of keeping all members informed of developments and problems, of inviting cooperation, of listening to those who have grievances, and of using the machinery of the School for these purposes, it will be possible to maintain such a climate.

In these statements, I would like to include the students. The Students' Union has, after years of problems, found its feet again. For technical reasons, it has had to hold two elections during the session, one for 1974-75, and one for the Executive of the next academic year. There have been regular contacts between the Students' Union Executive and the Director. While discussion was somewhat restricted by virtue of the fact that members of the Executive were, or had to be, 'mandated' and could therefore say little on subjects on which there was no union policy, it was made clear that the School wants the Union to take care of its prob-

lems in an independent and responsible manner. For this reason, it was a matter for regret that the Students' Union found it impossible to assemble a quorate Union meeting during the Summer Term which would have decided the constitutional changes necessary for providing the Students' Union with an independent financial basis.

The students also organized, apart from their formal institutions, a number of 'action groups', among them notably one which pressed an idea long discussed in the School, that is, the creation of creche facilities for the children of staff and students. This is clearly a reasonable proposal as was recognized by the Standing Committee in two successive meetings (on 3 June and 1 July 1975), and by the Academic Board (on 25 June 1975), so that within a financial ceiling imposed by the situation described earlier in this Report, preparations went under way for what is, for the time being, necessarily going to be a limited nursery.

At an early date, the School recognized the concern of students in our Halls of Residence about increases in Hall fees which exceeded those in student grants. Here, universities are bound by rules which they have not made themselves; but by a detailed examination of Hall budgets it turned out to be possible to reduce increases somewhat and, again, make sure that decisions are reasoned and understood. On a happier note, the Athletic Union has continued to serve not only students but also members of staff. Staff-student committees in all departments have added their contribution to maintaining a climate of mutual confidence. The Dean of Undergraduate Studies and the Committee on Undergraduate Studies (with student members from departments), the Graduate School Committee and the Graduate Office have been as busy and as effective as ever, and deserve the appreciation of the School. But were I to continue this list, I would simply underline the point that a university is after all about teaching and research with the participation of all, in whatever capacity they may contribute. Problems there are and problems there will be. It might even be argued that students of social science are bound to be more critical of their own social environment—and teachers of social science more aware of its precariousness—than others. But so long as lines of communication remain open for civil and rational discourse there is no reason why a community like that of L.S.E. should not be a model of living with diversity.

Events of the Session

Finally, there are a few events of the Session 1974-75 which deserve to be remembered. Some of these I record with delight. On 27 February 1975 H.M. The Queen Mother, Chancellor of the University of London, came to visit the latest of our Halls of Residence in Rosebery Avenue, and the informal and easy occasion added lustre to the gains which we have drawn from the generosity of the anonymous benefactor who has done so much to alleviate the accommodation problems of students in the University of London. On 8 May 1975 the traditional Honorary Fellows' Dinner was held, and this year we were able to add eleven names of distinction, and in many cases of long-standing connection with the School to our list of Fellows: Sir Walter Adams, Mrs. Joan Eckstein, Sir Ronald Edwards, Dr. Leslie Farrer-Brown, Sir Frank McFadzean, Professor T. H. Marshall, Sir Peter Medawar, Sir Max Rayne, Professor Leo Rosten, Mrs. Helen Suzman, and Dr. Michael Young. On a somewhat different note, 1974-75 was also the last year of active service for a number of members of the staff of L.S.E. who had been with us particularly long, and every one of whom has rendered very special services to the School. The School owes a lasting debt of gratitude to the three members of the administrative staff who retired at the end of the session, Mrs. D. Cleather (41), Miss E. Dunwoody (29), and Miss U. Thomas (26), and while some might think that the figures in brackets indicate their ages they in fact indicate their years of service with L.S.E. We also record the retirement of three of our most senior and

widely-known academic teachers, Professor F. J. Fisher, Professor H. R. G. Greaves, and Professor L. B. Schapiro. In different ways, but undoubtedly with equal affection and recognition, they will fortunately continue to help us in our work.

Inevitably, however, I have to conclude on a sad note, and I cannot but do this in a slightly more personal fashion than might seem proper for a Director's Report.

It was Lord Robbins who had asked me, in June 1973, whether I was prepared to consider an invitation to become Director of L.S.E. He, of course, was then Chairman of the Court of Governors and acting on behalf of the Court. By the time I arrived on the scene, Sir Morris Finer had taken over the arduous duty from him, a man for whom I almost immediately developed a sense of respect and affection, as well as a community of interest and outlook. Indeed I must say that I was not only looking forward to many years of cooperation with him, but would have found it hard to conceive of the Directorship without his assistance. We got on well, and when he told me early in December 1974 that he was going to hospital for a check-up, I did not think much of it. Six days later he was dead. A memorial Service which those present will remember for a long time took place at the Stationers' Hall on 13 January 1975; it brought out the many facets of the man and also their common denominator, a profound sense of justice informed by a spontaneous humanity rarely found. Lord Robbins spoke for L.S.E.

During the months that followed the death of Sir Morris Finer, L.S.E. was lucky in having a Vice-Chairman of the Court of Governors, Mr. John Gullick, whose sense of fairness, even temper, and careful but certain judgement have earned him a place in our annals. But we were equally lucky in that after a process of selection conducted with customary care and thoroughness, the first candidate chosen, Mr. Huw Wheldon, Managing Director of Television in another of those institutions whose independence is so often unjustly doubted by those who do not know better, the B.B.C., accepted the invitation to serve as Chairman of the Court. He will, I am sure, add his love of people, his sense of humour, his experience with unwieldy institutions, and his devotion to L.S.E. to the life of the School (which now has both a Director and a Chairman of the Court who were students at L.S.E.).

A new Director in his first year is inevitably *en rodage*, running in as it were. He needs the advice of his staff, of the Governors, but perhaps above all of his predecessors. It was therefore another loss of more than ordinary dimensions when on 21 May 1975, my immediate predecessor, Sir Walter Adams, died in Salisbury in Rhodesia where he had just received an honorary degree. (The fact that his wife Lady Adams, died only a few months later adds to the sorrow of his family and his friends.) A Memorial Service was held for Walter Adams in the University Church on 2 July 1975, and speeches were made at that occasion by Professor J. Hurstfield and by the Director of L.S.E. Walter Adams maintained the standards of scholarship and of civility at L.S.E. at a time at which many other academic institutions in the world succumbed to one of those onslaughts of brutality to which universities are occasionally exposed. He was an historian, of course, and his sense of history may well have added to his strength of character in maintaining those standards which enable his successor to report about the 80th year of the London School of Economics without undue self-congratulation, but with a sense of hope and pride.

RALF DAHRENDORF
September 1975

Academic Awards

Scholarships and Studentships Awarded in 1975

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Delia Ashworth Scholarship
Hyacinth Sunday Nwankwo
Ranendra Nath Sen Gupta } Joint
Award

Christie Exhibition
Pamela Gay Goddard

Madge Waley Joseph Scholarship
Not offered for award

Scholarship for Mathematicians
Not awarded

UNDERGRADUATE AWARDS

Institute of Chartered Secretaries and Administrators Scholarship
Stephen Peter Hawkins

Lilian Knowles Memorial Scholarship
Alan Davies

Harold Laski Scholarship
Christopher Nigel George Mortimer
Roderick Charles Howell Thomas
"proxime accessit"

C. S. Mactaggart Scholarship
Laza Kekic
Stephen Rupert King
Soon Teck Wong

Undergraduate Scholarship
Paul Webley

Graham Wallas Memorial Scholarships
Maria Nisha Jeanne Alvares Meneses
Loretta Freda Mackler

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

S. H. Bailey Scholarship in International Studies
Not offered for award

School Scholarship in International Law
Not offered for award

GRADUATE AWARDS

William Acworth Studentship
Doron Stanitsky

Montague Burton Studentship in International Relations
Bishakha Bose

Noel Buxton Studentship in International Relations
Not offered for award

Graduate Studentships
Katharine Harriet Platt
Robert Poldermans

Graduate Studentship in Anglo-Japanese Relations
Helen Julia Ballhatchet

Graduate Studentships in Economics
Ruth Moira Kosmin

C. K. Hobson Studentship in Economics
Nirvikar Singh

Rees Jeffreys Studentship
Corinne Ann Mulley

Leverhulme Graduate Entrance Studentship for Overseas Students
Michael O'Higgins
Barry Shenker
Doron Stanitsky

Leverhulme Research Studentships
Pauline Ruth Ashworth
Michael Faulkner

Leverhulme Research Studentships for Overseas Students
Anne Madeleine Bailey
George Richard Esenwein

Jackson Lewis Scholarship
Maurice Thomas Vincent Reidy

Eileen Power Memorial Studentship
John David Walter

Rosebery Studentship
Ravi Thomas

(b) Awarded by the University

Loch Exhibitions
Barbara Eileen Kishori Bennett
Charles Cedric Lyon

University Postgraduate Studentships
Andrew Zbigniew Drzemczewski
Patricia Anna Fletcher
Man-Shan Benny Lee
Andrew John Milner
Lawrence Bartlam Smith
Rolf Gunter Weitowitz

Prizes Awarded in 1975

(a) Awarded by the School

Arthur Andersen Prize in Accounting
André Eugène Fok Kam

Bassett Memorial Prizes
(i) Government
Verity Nancy Burgmann
(ii) Trade Union Studies
Ronald Leslie Woolley

Janet Beveridge Awards
Norma Corkish
Paul Timothy Naphtine

Bowley Prize
Colm Aongus
O'Muircheartaigh } Joint
Anthony Frank Shorrocks } Award

Ely Devons Prizes
Masood Ahmed } Joint
Manuel Penalver-Quesada } Award
Fatemeh Shadman-Valavi

Farr Medal and Prize
Quek Soo Hoon

Firth Award
Marianne Heiberg

Gladstone Memorial Prize
Peter James Capel

61 Academic Awards

Gonner Prize
Nirvikar Singh

Gourgey Prize
Desmond William Farrell

Hobhouse Memorial Prize
Elisabeth Hirsch

Jessie Mair Cup for Music
Paul Adrian Gelpke (1974-75)
Peter Ronald Lay (1975)

Mostyn Lloyd Prize
Walter August Lorenz

George and Hilda Ormsby Prizes
Geoffrey Charles Butcher
Peter Robert Waylen

Hughes Parry Prize
Christine Eva Campbell } Joint
Andrew Trevor Davis } Award

Premchand Prize
Not awarded

Raynes Undergraduate Prize
Man-Shan Benny Lee

Special School Prize in Statistics
Man-Shan Benny Lee

Allyn Young Prize
Stephen Rupert King

(b) Awarded by Outside Bodies

Maxwell Law Prize
Mary Anne Giles

First Degrees Awarded 1975

B.Sc. (Economics) Final Examination

Honours

FIRST CLASS
Lynn Margaret Isobel Alexander
Verity Nancy Burgmann
Clare Evelyn Druce Chilvers
Sanjay Kumar Dhar
Maghsoud Einollahi
André Eugène Fok Kam
Alireza Ghaffari

Christopher John Griffin
Noel Nnabuike Ikoku
Man-Shan Benny Lee
Paul David Lee
Maleeha Lodhi
Mohammad Hassan Moussavian
Mark Levins O'Reilly
Quek Soo Hoon
Nirvikar Singh
Ravi Thomas
Norman David Turner
Paul Simon Welsford
Mir Massoud Yahyazadeh Langaroodi

SECOND CLASS

(Upper Division)

Abdurahman Hilmi Acerol
Philip Alan Bailes
Susan Helen Bennetto
Ruth Ben-Or
Stephen Bloomfield
Stephen David Bordoley
Christopher Raymond Bough
Richard Charles Boulton
Gordon James Bristowe
Graham Brocklesby
Allan Lawrence Brown
Peter James Capel
Gordon Thomas Carey
George Herbert Carrington
Eri Charalambidou
Vivien Chen Vui Wen
Simon James Clark
Julia Clarke
Susan Jane Cockerill
Wendy Sarah Cooper
David Critchlow
Charles Martin De Gannes
Timothy Hugh Fionn Delap
Ian David Diamond
Alun Howard Evans
John Michael Evans
Marcia Frangakis
Nigel Richmond Gillott
Ian Christopher Green
Alexandra Jane Grieve
Eva Ho
Nuala Barbara Hockton
Joy Christine Holmes
Paul Derrick Howes
Jalaleddin Jalali
Catherine James
Christopher Kalla-Bishop
Brendan Paul Keelan

Susan King
Christopher Vassou Koufaris
Mary Kurowski
Hau Hian Lee
Nicholas Clive Lund
Susan Mary McGregor
Patrick Gerard McManus
Gregory Morris Michael
Margaret Elizabeth Mills
Salim Mitha
David Malcolm Morris
Philip Charles Morris
Mirmahmoud Nabavi
John Joseph Nally
Kevin Stuart Nathan
Ng Kooi Sim
Nicos Costa Nicolaides
Ahmad Nisaruddin
Joseph Nissim
Terence Nolan
David Charles Penn
Steven Norman Phillips
Rosemary Lynne Plunkett
William James Richardson
Bulent Ali Riza
Kakai Rukskul
David Nigel Sagar
Naserol Hossein Salehi Esfahani
Stephen Henry Schwenk
Robert Charles Self
Salman Ali Shaikh
James Patrick Simpson
Ian Richard Smith
John Andrew Strudwick
Dorothy Muriel Tarry
Peter Terry
Michael James Thompson
Rowena Mary Elizabeth Tofani
Emmanuel Troullinos
Arnon Turel
Norman David Vogel
Rodney Whitaker
Robert Morris Williams
Julia Lynn Willy
Wong Mee Chun
John Charles Wooding
Michael Wyatt
David Domenico Carlo Zucconi

SECOND CLASS

(Lower Division)

Catherine Adam
John Andrews
Michael Andrews

David William Bailey
Minakshi Bakshi
Glyn Barnes
Christine Ann Bee
Ian William Binnie
Andrew Vyvyan Blackler
David Peter Courtney Blake
Alan Peter Borman
Mary Bratley
Howard Charles Burton
Alan Malcolm Butlin
David Stanley Campbell-Jackson
Robert Harding Candy
Rudolph Albert Capek
Aidan Francis Clarke
Martin Terence Clinton
Stephen Clode
Susan Margaret Conlon
Robert William Cowin
Stephen Arthur Cresswell
Jacqueline Mary Cunningham-Craig
Sikander Dada
Kailas Dal
Jeffrey Alan Dale
Nasrollah Dassian
David Gareth Davies
Kathryn Margaret Dean
Paul Anthony Du Noyer
Janet Elizabeth Edgell
David Bernard Evans
Raid Jahid Fahmi
John Joseph Farrell
Ian George Fenton
Fong Yew Meng
Robert James Furniss
Patrick Joseph Gallagher
John Garbutt
Martin Gilbert
Gooi Guat Lee
Anant Narain Haksar
Glyn Hall
Charlotte Jane Harding
Edward Harkins
Colin Patrick Hollis
Robert William Ingram
Paul Michael Jigba
Christopher John Spencer Jones
Aniruddha Ganesh Joshi
James Jowett
Dilip Tulsidas Kakkad
Suparat Kawatkul
Paul Anthony Kilduff
Christopher Mansfield Kirby
Panachiotis Koliris

Chirdsak Kukiattinun
Geoffrey David Lawday
Jacqueline Leach
Noe Ah-Quet Lee Cheong Lem
David John Lunt
Shahid Bashir Malik
Christine Hazel Maude
Abu Humayun Mohammad
Moniruzzaman
Kenneth Charles Muller
Janet Susan Murphy
Georges Nicolaou
Richard Raymond Nunes de Souza
Mohammad Sadegh Ebrahimzadeh
Pajouhi
Constantinos Neocleous Papadopoulos
Demetrius Papayannopoulos
Byron Parker
Harinder Singh Pattar
Maria Famalayo Pedro
Suzanne Leila Phillips
Robert Charles Porter
Anil Prasad
Vemuri Leela Ramanadham
Hedda Ramsden
Laila Rizvi
Sheelagh Hannah Robinson
Stewart James Rogers
Stephen Charles Savage
Bharat Kumar Shah
Shirish Liladhar Hadha Shah
John Simmonds
Diana Mary Elizabeth Gladstone Smith
Thrasylvoulos Terry Stamatopoulos
Andrew Benjamin Stratton
John Sullivan
David Michael Tallboys
Bernard Tallis
Kong King Tan
Tham Yok Mui
Michael Glyn Thomas
Roderick Charles Howell Thomas
David James Tidball
Neil Todd
John David Townsend
Edwin John Turner
Anthony Michael Ventham
Phillip Andrew Waddell
Peter Charles Wall
Alison Margeret Walton
Nicholas Richard Ward
David Roy Waters
Paul Charles Watt
Paul Harry Weinberger

Martin James Whitfield
Michael David Williams
Yvonne Wong Yee Fun
Hazel Marie Woodruff
Neal Alastair Wyman
Andrezej Wlodzimierz Zebrowski

THIRD CLASS

James Douglas Hamilton Banks
Joseph Jean Edouard Baussan
Linda Bodner
Stephen Gerald Booth
Paul Checkley
Nickie Anna Christophides
Pankaj Kumar Das Chowdhury
Alison de Metz
Stephen David Ellis
Evelyn Claire Fihlebon
Daniel John Gilligan
Ahmad Hamidi-Ravari
Anil Kaul
Theofanis Lambropoulos
Anita Elizabeth Loveday
Christopher Norman Mason
Majed Habib Najjar
Janice Elaine Needham
Peter John Povey
Anthony Richard Pryke
Camul Prakash Ruchpaul
Stefan Fredrik Schiller
Ali Haidar Sherazee
David George Short
David Graham Smith
David Christopher Thomas
Alan Weatherill
Robin Timothy Weaver
John Carmel Whittle

Pass

Anthony John Fletcher
Rachael Lydia Knight
Christine Lawrie
Lim Chee Wah
Terence Thomas Needham
Mohamed Haji Mohamoud Omer
Mary Joyce Pillay
Aihud Schwartz
Tangarajah Vishnupriya

Aegrotat

David Ian Stewart
Keith Robert Wilkins

B.Sc. (Economics) Final Examination

Old Regulations

SECOND CLASS

(Lower Division)

Christopher Peter Borkowski
Christopher David Parker
Robert John Porteous

THIRD CLASS

Tahir Ali
Marcos Bachlitzanakis
Richard Charles Kenneth Beresford
David Neil Besley
Asad Ali Jan
Robert Henry Jones
Susan Lewis
Malcolm Gilbert Peacock
William Gareth Thomas

Pass

Paul Robert James
Nicholas John Leather
John Brian Morton
Jerome Marie Thiry

B.Sc. (Economics) Final Examination

Old Regulations (First Degrees Awarded 1974)

Aegrotat

Gunter Franz Heil

B.A. Honours in History

Branch II

FIRST CLASS

Geoffrey Hatherick

SECOND CLASS

(Upper Division)

Daniel Charles Cocker
Carolyn Christine Fenwick
Alison Boteler Green
Carolyn Vena Lewis
Richard Tadeusz Sakwa
Andrew John Raymond Timpson

SECOND CLASS

(Lower Division)

Nicholas Andrew Campbell
Sarah Ann Elizabeth Clark

Sharon Lesley Drazen
Juliet Noelle Dye
Daniel John Finlay
Michael Charles Gander
Judith Mary Hartwell
Lilian Ruth Oster
Mary Jael Parry
John Arthur Salkeld
Deborah Sage Wood

THIRD CLASS

Judith Rechille Levy

LL.B. Final Examination

FIRST CLASS

Cherie Booth
Martin Loughlin
Jeanette Diana Szostak
Christopher Adrian Whomersley

SECOND CLASS

(Upper Division)

Anne Elizabeth Bennett
Valerie Elen Mary Davies
James Torry Douglas
Narinder Kumar Hargun
Simon Dominic Jones
Carolyne Rosemary Makeham
Julia Michaels
Louise Margaret Oddy
Christakis Pittordou
Veena Maya Russell
Patricia Anne Whybourn

SECOND CLASS

(Lower Division)

Anne Marie Amiel
David Searle Lerman Barnes
John Leonard Barrett
Roy Keith Bourne
Caroline Gillian Bella Bradshaw
Caroline Bryant
Alan Ian Henry Craig
Sheila Sandra Deane
Mary Anne Josephine Dolley
John Anthony Flood
Lindsey Ann German
Caroline Dawson Grace
Abraham David Graus
Richard Charles Green
Catherine Mary Grimshaw
Francis Hugh Myles Hickey
Alan Anthony Levy

Philip Harry Levy
Christopher Henry Lovell
Nicholas Somerville McGinn
Christopher Alexander McKay
Matthew Clive Moore
David Samuel Pain
John Gulio Pike
Naomi Sack
Diana Shirazi
Geoffrey Nicholas Smith
Paul Robert Snook
Neal Trevor Stone
Ashley Grenville Underwood
Kamonmit Vudhijumnonk
Robert Nicholas Ward
Michael Joseph White
Elizabeth Susan Williscroft
Edward Ayarabiik Yaansah

THIRD CLASS

Susan Peta Lonsdale Baxter
Iain Campbell
Peter Michael Charalambous
Thomas Michael Hutton
Susan Rosemary Martin
Nigel Campbell Mitchell
Susan Catherine Nicholson
Christopher Martin Raymond Peace
Nora Josephina Vadas
Mark Soulsby Williamson
David Henry Winston

B.A. Honours in German and French

SECOND CLASS

(Upper Division)

Jean Evelyn Bridget Richmond
Robert Andrzej Krzysztof Szymanski
Michael Wilkinson

B.A. Honours in German and Linguistics

FIRST CLASS

Linda Needham

SECOND CLASS

(Upper Division)

Valerie Jane Lambert

SECOND CLASS

(Lower Division)

Rosamund Charlotte Burton
David Paenson
Frances Anne Searle

B.A. Honours in French and Linguistics

FIRST CLASS

Shulamuth Chiat

SECOND CLASS

*(Upper Division)*Richard William Markwell
Patricia Jane Margaret Segal
Eva Szoffer

SECOND CLASS

(Lower Division)

Jane Dykes Thomas

B.A. Honours in French and Spanish

SECOND CLASS

(Lower Division)

Jill Alison Bellinger

B.Sc. Main Field Mathematics

FIRST CLASS

Sorrell Turetsky
Martin James Walker

SECOND CLASS

*(Upper Division)*Charles Paul Jarah
David Lewis Martyn

SECOND CLASS

(Lower Division)

Leslie Geza Constantine Bryant

B.Sc. Main Field Geography

SECOND CLASS

*(Upper Division)*Geoffrey Charles Butcher
Bernard John Harris
Jean Christine Henderson
Antony James Odam
Gary Edmund Lloyd Sutton
Roger Leslie Vince
Peter Robert Waylen

SECOND CLASS

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Michael Paul Chamberlain
Stephen Brett Churchill

Maurizio Pier Genio Favretto

Peter Foster

Robert Gledhill

Josephine Clara Hughes

Clifford Lane

John Frederick Lunson

Andrew Charles Mason

Noel Joseph McGrann

Stephen Paul Passingham

James Francis Philand

Raymond Henry Stidwell

Susan Ann Weston

THIRD CLASS

Stephen John Dobson

Judith Anne Parr

Adrian Cliveden Phillips-Howard

Amanda Elizabeth Robin

B.Sc. Main Field Social Anthropology

SECOND CLASS

*(Upper Division)*Lynda Clarke
Jean Mary Elizabeth Curtis
Anna Ulrika Dixelius
Lesley Anne Forrest
Brenda Whisker

SECOND CLASS

*(Lower Division)*Christine Goldsworthy Bound
Ingeborg Christel Crease
Janine Susan Dafters
Herbert Kurt Wilhelm Wolfgang
Girardet
Sigridur Duna Kristmundsdottir
Abdul Nabi Misdaq
Anne Prior Riordan
Merlyn Enid Swan
Lesley Anne Wyatt-Jones

THIRD CLASS

Alexandra Maria Ouroussoff

Jacqueline Margaret Wardle

B.Sc. Main Field Social Psychology

FIRST CLASS

Harry Peter Ellis

Julie Greta Elizabeth Lee

Rebecca Morley

Donald George Rawson

SECOND CLASS

*(Upper Division)*Theresa Mary Marteau
Doros Christou Michael
Susan Emily Pick de Weiss
Meriel Jean Walters

SECOND CLASS

*(Lower Division)*Mimi Lian Eng Bell
Ann Barbara McKenzie
William Stewart Mitchell
Peter James Whiting
Peter James Wigg
Alexandra Mary Francesca Yardley**B.Sc. Main Field Sociology**

FIRST CLASS

Elisabeth Hirsch
John Robert Webb

SECOND CLASS

*(Upper Division)*Ruth Alice Bashall
Victoria Rose Cattell
Brian Joseph Evaskitas
Tuula Orvokki Gordon
Akiko Hashimoto
Valerie Helen McHugh
Lesley Gene Mitchell
Ivan Julian Ruff
Anthony Shang Ee Loong
Patricia Susan Waterman

SECOND CLASS

*(Lower Division)*Catherine Susan Birkbeck
John Carneson
Jeanne Michele Castree
Helen Cinnamon
Gillian Irene Colsell
Ann Carisso Josephine Ellis
John Michael Hoolan
Elizabeth Marian Frances Kerr
Alison Mary Lea
Brenda Oxley
Clara Marina Rojas
Caroline Juliet Schenk
Raymond Alexander Williams

THIRD CLASS

Sonia Ladsky

*Mark of Distinction Awarded

Pass

Negussu Tamrat

B.Sc. Social Science and Administration

SECOND CLASS

*(Upper Division)*Norma Corkish
Stuart Michael Eno
Stephanie Claire Kitchen
Pamela Jean Edith Llewellyn
Sheila Ann Parrish
Caroline Elizabeth Pogson
Dennis Francis Reid
William Stanley Sheppard
Patricia Stockton

SECOND CLASS

*(Lower Division)*Antonia Rolfe Tweedie Aitken
Helen Mae Heatley
Nicola Leonie Le Maitre
Rosemary Heather McBreaty
Rosemary Phyllis Wilkins
Yew Boon Tong**Higher Degrees Awarded
1974-75****M.Sc. 1974-75**Maria Asuncion Aguila Planelles
*Masood Ahmed
Mahvash Alerassool
Barton Alexander
Ritu Anand
Maisie Elizabeth Andrews
Ragnar Arnason
Sally Trabun Arsove
Miles Atchison
Elizabeth Ann Atkins
Stephen Olaniyi Babatunde
Reza Bahar
Mohamed Stan Ojoo Bailey
Quadir Bakhsh
Roopa Bakshi
Seyed Mostafa Baladi
Muttuvelu Balakrishnan
Christos Banos
David Graeme Barber
David William Bargman
John Barker
John Robert Barlow
Veronica Ann Bates
Richard Garth Matson Beattie

David Milton Beckmann
 Colin Bartholomew Bell
 Murray George Bell
 Robert William Bellano
 Michel Bernier
 Pradeep Bhatia
 Satyabir Bhattacharyya
 Charlotte Elizabeth Bingley
 Rafael Anthony Bloomberg
 John William Blundell
 Richard William Blundell
 Noel Edwin Boulting
 *John Bernard Bowdler
 Howard John Lloyd Brabrook
 Susan Christine Bradley
 Martin Paul Brady
 *Robin David Brighton
 Charles Joseph Francis Brown
 Nicholas Keith Archer Brown
 David Alan Browne
 Susan Bruley
 Martin Richard Buckley
 Wojciech Norbert Buczynski
 Kirabira Bugembe
 Nino Buran
 Napaporn Burapathana
 Alison Margaret Burrell
 William Morris Bush
 William Joseph Buxton
 David Howard Cairns
 Edward Royston Carlton
 Deirdre Frances Carroll
 Alejandrina Catalano
 Dev Kumar Chakravarty
 Tamara Chichilnisky
 Gabriella Chiesa
 Ming Cheong Chong
 Benjamin Thomas Clackson
 Arthur George Clare
 Sharon Louise Coldren
 John Hugh Clifford Colvin
 Panayotis Constantaras
 Michael Joseph Gregory Conway
 Catherine Mary Cook
 Geoffrey Allan Cook
 Roy Everett Scott Cook
 Diana Hilary Coole
 Susan Fiona Cooper
 Peter John Cope
 Paul Robert Cornish
 Gillian Katherine Cousins
 Terence Vincent Cress
 *Mark of Distinction awarded

Michael Francis Daly
 Margaret Mary Darby
 Robin Antony Darton
 Monica Das Gupta
 *James Eardley Howard Davidson
 *Andrew Derek Davies
 Christopher John Davies
 Maurico De La Paz-Najera
 John Anthony Dennis
 Peter Timothy Budgett Downey
 Ioannis Dragassakis
 Steven Ian Edwards
 Israel Engelstein
 Mary Kathleen Farmer
 Seyd Mohammad Hossein Fatemieh
 Richard Neil Fearn
 Martin Harold Fine
 Geoffrey Michael Folie
 David Morton Forsaith
 Laurence Alan Froehlich
 Beth Fuchs
 Michael Fulwood
 Mary Ruth Gardner
 William James Garlick
 Richard Barnard Given
 Pauline Glucklich
 Miguel Gomez
 Carlos Guillermo Gonzalez Espinosa
 Jennifer Ann Goodall
 Natwar Gotecha
 Carmen Celia Granziera Miyake
 Laurie Mary Gray
 Joanne Elizabeth Green
 June Patricia Green
 Thomas Anthony Grimes
 *David Bernard Grubb
 Robin Nigel Stuart Grunsell
 Alan Gordon Gully
 Satish Kumar Gupta
 David Dean Hale
 Stephen Hamlett
 James Robert Hanratty
 Alan Clifford Harding
 Christopher Kirk Harris
 *Anthony Robert Harrison
 *Habibollah Hassani
 Brian Michael Hayes
 Jennifer Anne Head
 Helen Heard
 Ann Elizabeth Henderson
 Robert Stirling Henry
 *Patrick Frederick Henson
 *Leon Robert Heron

Stephen Peter Hersey
 Roger Edwin Higginson
 Amanda Mary Hislop
 David Whiteford Hoare
 John Eric Hodges
 Jonathan Malcolm Hoffman
 Carol Elizabeth Holcomb
 Timothy John Hope
 Jane Ellen Horsewell
 Kenneth Cameron Hosley
 Pamela Mary Hughes
 John Arif Husain
 John Yee Chong Ip
 Mahmoud Sayed Abdou Issa
 Samuel Paul Orok Itam
 Raymond Laurence Jack
 Susan Maxine Jacobs
 *David Flemington Jarrett
 Angela Mary Jarvis
 Christopher David Johnson
 Deborah Frances Johnson
 Edward Scotton Johnson
 Vernon Owen Scrimgeour Jones
 Mukul Joshi
 Angela Frances Joyce
 Soodhir Kumar Joypal
 Emmanuel Mutalembwa Kakuru
 Francis George Kane
 *Rustom Adi Kanga
 Kurt Erskine Karl
 Sheila Mary Keegan
 John Kekovale
 Guillermo Kelley Salinas
 Barbara Alice Kendall
 Muhammad Khalid
 Mirza Hussain Khan
 Anne Maria Kiernan
 *Philip Graham Knaggs
 Martin Richard John Knapp
 Edwin Ing-Ting Ko
 Raj Kumar
 Dominique Labarre
 Philippa Anne Langton
 Antony Lawson
 *Hau Leung Lee
 Mok Hua Lee
 Richard Leete
 Ann Elizabeth Levy
 James Walter Lewandowski
 Martin Little
 Linda Ellen Littman
 Mona Lo Bo Na
 *Mark of Distinction awarded

Susan Lonsdale
 Josephine Anne Loughnane
 Helena Barbara Luben
 David Martin Lyall
 Barry Curtis Lynch
 Bruce Robert Lyons
 Brendan Peter Martin McCabe
 *Michael Alan McCartney
 Edgar Seamus McDowell-Polke
 Mary Frances McLeannan
 Gary Bruce MacLeod
 Keith Robin Mackay
 Michael Magdalinos
 *Eric Jean-Pierre Maille
 Constantinos Makridis
 Georgina Edith Mares
 Colin Victor Mark
 Priscilla Pauline Martenstyn
 Lyn Martin
 Ana Maria Martin-Acebes
 Sharon Merle Mast
 Anthony William Masters
 Peter Anthony Matthews
 Gregory Mitchell Maughan
 Walter Ed May
 Howard Ian Meltzer
 Patrick Basil Mendis
 Rhett Franklyn Miller
 *Sandra Diane Mitchell
 Andree Morin-Morissette
 Diana Mary Morris
 Shamsul Morshed
 Sampatlal Mukhopadhyay
 Nasser-ed-din Mukhtar Munjee
 Rahim Nader-Isfahani
 *Carolina Navach-Fasano
 Paul Andrew Neath
 Jose Gabriel Newman Valenzuela
 Todd Lahaye Newmark
 Margaret Mary Nicholas
 Philip John Norman
 Laurie Marie Nussdorfer
 Godwin Aforika Nweke
 Linda Harrison Orme
 Patrick Henry Pearse O'Sullivan
 Robert Owen
 Tryggvi Palsson
 Mark Steven Panto
 David Roy Parker
 Mark Nigel Parkinson
 Marian Nora Pass
 Vimal Kanubhai Kashibhai Patel
 Michael George Pateras

Raymond Alan Pattenden
 Virginia Pellegrino
 *Manuel Penalver-Quesada
 Frances Christine Perkins
 Clare Patricia Petre
 Barbara Joan Phelan
 Marilyn Frances Phillips
 Ekaterini Phylaktis
 Jennifer Anne Pitkin
 Michael John Pokorny
 Stephen Frederick Pratt
 Phaedon-John Psarris
 *Maureen Anne Quigley
 Zvi Raanan
 Lois Judy Radisch
 Edward James Razzell
 Michael John Reid-Henry
 Robert Kenneth Reis
 Bahram Rezazadeh-Khamnei
 Megan Tudor Rhys
 John Bramwell Ridsdel
 *Lesley Christine Rimmer
 Sally Elizabeth Robertson
 *Bernard Roch
 Patricia Ann Roden
 David Arthur Rosebery
 Louis Barry Rosenblatt
 Steven Joel Rosenbloom
 *Michael Lee Rosin
 Iris Justina Salinas
 Jose Adrian Salinas Ortiz
 Jon Wheaton Salmon
 George Peter Sandersley
 *Robert Samuel Saunders
 Arthur Louis Schmidt
 Devon McKay Schneider
 Alan Peter Schofield
 Leonor Schulthess
 John Joshua Schwieso
 Frank Semack
 *Fatemeh Shadman-Valavi
 Quazi Shahabuddin
 Mahin Nazemi Shahandeh
 William Lawson Sharpless
 Norman Bruce Sheldon
 Thomas Leith Shenstone
 Carmel Shepherd
 Christopher David Shingler
 *Melvyn Slater
 Derek Roland Sleigh
 Catherine Ruth Smith
 *Barry Richard Smith-Roberts
 *Mark of Distinction awarded

Hilary Margaret Solly
 Hester Madeline Solomon
 *Demetrios John Souppouris
 Spyridon Spyropoulos
 Haralambous Stamatopoulos
 Stephen Stansell
 *David Ian Stanton
 *Geoffrey Charles Stevens
 Susanne Alexander Stoiber
 Stephen Robert Sutton
 Ian Syers
 Tanya Mary Tabassi
 Harry Tabiner
 Geza Paul Tatrallyay
 Mark Thomas
 Richard Codrington Thomas
 Deborah Anne Thompson
 Nicholas Tonkin
 Zissis Toufexis
 *Dennis John Trewin
 Indrajit Vishnuprasad Trivedi
 Vishwapati Trivedi
 Jim Scott Tucker
 James Bryan Tully
 Anthony Peter Twine
 Denis Philip Van Mechelen
 George Vassiliadis
 Jan Antony Vincent-Rostowski
 Victor Robert Vipond
 David Robert Frank Walker
 Lauren John Walters
 David Isaac Warren
 Nausika Wassenhoven
 Cressida Frances Wasserman
 Jaime Weiss-Steider
 Anthony Roland Wells
 Julie White
 Paul Philip Wignall
 Joseph Bernard Wilcox
 Barbara Lynn Wills
 Max Wilton
 Clifford Winston
 Wong Man Wai
 Christopher Wright
 Christopher Barry Wright
 Jennifer Margery Wright
 John Yatracos
 Maria Zaoussis
 Youssef Ziai
 Mavis Zutshi

M.A. 1974-75
 Raymond Aigbokhai

Alan Sheldon Alexandroff
 Katherine Assimakopoulos
 Ann Whitney Breihan
 Carole Patricia Chapman
 Danny Clough
 Joseph Patrick Curran
 Jeffrey Alan Hoeltzel
 Mark Jeffrey Jarrett
 Cris Tokuya Kako
 William Macy Marvel
 Martin Laurence Taylor
 Clare Helen Thomae

M.Phil. 1974-75
 Henri Georges Belleau
 Wayne Christopher Burge
 Shirley Patricia Campbell
 Dina El Chiati
 Mark Barry Gifford-Gifford
 Nikita Laureano Harwich
 Sharon Kay Hott
 Patricia Mary Langton
 David John Shrimpton
 June Wyer

LL.M. 1974
 Sumita Aich
 Russell John Anthony
 *Donald Bennett Bayne
 Beh Eng Par
 Roger William Benedictus
 Stanley Algie Black
 Anne Barbara Bottomley
 Russell Lynn Campbell
 Eion Malcolm James Castles
 Barbara Celnik-Levy
 Tai Kong Chin
 Robert William Clark
 Andrew Philip Douglas
 David William Drinkwater
 Edwin Zachary Durbin
 Harvey Cary Dzodin
 John Douglas Ewart
 Victor Elwood Fitzmaurice
 *Robert Earl Forbes
 Wai Ling Loretta Fung
 Susan Monica Hamilton Gillett
 David Alan Glass
 Wan Arfah Hamzah
 Humphrey Roger Heward
 Richard Allen Horder
 John Kenneth Hull
 *Mark of Distinction awarded

Alan Kellman
 Ko Wai Seng
 Seiji Kurata
 William Kung Hui Lau
 Cheung-Sing Liao
 Yee Ling Vivienne Loong
 Michael Allen Lotman
 Dennis Gilmour McCrea
 *Brian Edward McGunigle
 Jonathan Martin Miller
 Harvey Brian Minsky
 Mohamad Ariff bin Mohamad Yusof
 Jason Allen Nambalu Namasake
 Alan Christopher Neal
 Gregory Ian North
 Rudolph John Perry
 Charles Eugene Rains
 Benjamin Rubin
 *Peter John Russell
 Noel Weber Seaman
 Shaukat ali bin Mahmud
 Arne Hertz Silverman
 Gerald Francis Smith
 Thomas Clyde Sponsler
 Erica Francis Margaret Stary
 Daniel Francis Stella
 Paul Bruno Thomas
 Robert Venables
 Jeremy Carson James Waddell
 David Yeres
 Theodor Arlen Zacks

Ph.D. 1974-75
 Ahmed Abdulai
 Sylvester Olabode Adeyemi
 William James Atkinson
 Uri Bialer
 Roger Simon Bivand
 Wolfgang Andreas Bock
 Benoni Ciunna Briggs
 Sevil Cerit
 Antoni Leszek Chawluk
 Paul Stanley Chertkow
 Stephen LeBeda Cooney
 Manoel Augusto Costa
 Paul Francis Cousins
 Peter George Davis
 Adhid Isam Dawisha
 Karen Lea Dawisha
 Rajat Deb
 Jean Elizabeth Donnison
 Neil Morrison MacLachlan Dorward

Jerzy Dowoyna-Sylwestrowicz
 Robert Michael Drislane
 Robert Howard Edwards
 John Charles Elliot
 Antoni Espasa
 Peter Eugene Figueroa
 Robert John Gellately
 Gilberto Gomez-Arango
 Paul Karol Gorecki
 Amy Zahl Gottlieb
 William David Graf
 Marcia Annette Montin Grant
 Carl Hamilton
 Douglas Allen Hart
 Charles Thomas Heaney
 Julia Jennifer Hebden
 Amir Helman
 Robert Heyman
 Robert Keith Home
 Earl Isser Hopper
 Malcolm Roy Jack
 Thomas William Kevin Jackson
 Christopher Neil Jessup
 Greta Joyce Jones
 Peter David Jonson
 Joel Simmons Kahn
 Harold Edwin Kane
 Mohsin Said Khan
 Ronald William Lang
 Gilbert Laporte
 Harvey Lazar
 Padmanabhapanicker Leelakrishnan
 Michael Christopher Lemon
 Gilles Letourneau
 Frank Lissauer
 Gilbert Loescher
 Raja Lope
 Hugh Malcolm MacDonald
 John Henderson McNeill
 Dennis Michael Mahoney
 Michael Ian Grenville Malet
 Anil Markandya
 Viola Genevieve Mellor
 Shelley Ray Meyers
 Carlos Jose Michelsen-Terry
 Panayotis Miliotis
 Brian Morris
 Moshe Mosek
 Derek Clive Offord
 Frederick Oye Ogunbadejo
 Adegboyega Olusegun Olayemi
 Oyvind Osterud
 Thomas Gregory Parry

*Mark of Distinction awarded

Gordon Leroy Peterson
 Peter Charles Bonest Phillips
 Kwadwo Pobbi-Asamani
 Sarah Caroline Potter
 Graham George Priest
 James Isaac Reynolds
 Graham Martin Richards
 David John Riches
 Rex Stainton Rogers
 Diana Faye Sanders
 Philip Ronald Schlesinger
 Viktor Sebek
 Harold Marvin Shefrin
 William Stanley Siebert
 Athanassios Skouras
 Sally Irene Sokoloff
 Frans Spinnewyn
 Alan Robert Sturt
 Alan Swinbank
 William Banks Taylor
 Mary Gladys Tiffen
 Penelope Jane Tomlinson
 Guy-Gerard Tremblay
 Richard Jay Tyner
 Robert Lloyd Walker
 Samuel Joseph Waters
 Derek Robert Clarence Wilkinson
 Michael Adam Zurowski

Diploma (Awarded by the University of London) 1975

Diploma in Anthropology

Jeremy Henry Angel
 David Alun Gwynedd Jones
 Christopher John Kerr
 Katherine Harriet Platt
 Santiago Rodriguez-Gimeno

Diplomas (Awarded by the School) 1975

Diploma in Statistics

Mohammad Ahmad Al-Arabi
 Muttuvelu Balakrishnan
 *Patricia Ann Brown
 Margaret Ann Elizabeth Cunneen
 Adarsh Kumar Kapur
 Demetrios-Andreas Kilaiditis
 George Maniateas
 Maria Luisa Molto Carbonell

Keith Edward Padmore
 Jonathan Penrice
 Somasundaram Pooranapavan
 Dinke Tesfu
 *Tse Yiu Kuen
 Rajendran Wigneswaran
 Paul David Clifford Wilson

Diploma in Social Planning in Developing Countries

DISTINCTION
 Emma Charlotte Hooper
 Davis Younge Manawwar

PASS
 Asnan Bin Piee
 Ahmet Guven Bingol
 Prisdang Choophen
 Luiz Reginaldo Fleury Curado
 Darshan Kumar
 Felipe Massiani
 Nestor Antonio Perrone
 Shujitt Pramodthayakul
 Edgar Aguelo Quinanola
 Nydia Tobon

Diploma in Social Administration for Graduates

DISTINCTION
 Barbara Caroline Buchanan
 Isobel Caroline Mary Godlove
 Walter August Lorenz
 Susan Tester
 Douglas Weller

PASS
 Rita Evelyn Archer
 Jennifer Vawdrey Ashe
 Graham Paul Banks
 Virginia Zachry Beardshaw
 Anthony Huw Bendall
 Jacqueline Heather Benson
 Ian Edward Berry
 Alastair John Ross Coe
 Ruth Ann Cook
 Jane Willis Cooke
 Anne Cowper
 Rita Davis
 Trevor Davison
 Nicola Anne Day
 Dominique Jude Dubois
 Kathryn Elcoate

Shiamala Roshni Ellawala
 Linda Mary Fear
 Josephine Mary Haworth
 Marian Hobart
 Sandra Mary Hopley
 William Francis Hughes
 Margaret Marian Jaques
 Sian Elaine Jenkins
 William Francis Kilgallon
 Ann Elizabeth Lewis
 Patricia Livesey
 Vivienne Janet Lukey
 Jennifer Mary McArthur
 Anna Mary Mackay
 Alison Mary McLean
 Wendy Jane Marshall
 Leila Gillian Maw
 Margaret O'Neill
 Mary Elizabeth Rex
 Rosemary Campbell Sneddon
 David Sternberg
 Susan Elizabeth Sumner
 Eileen Terry
 Michael Gordon Thomas
 Anna Zofia Teresa Tokarska
 Roger Tuke
 Tessa Rachel Turner
 Rosalind Jean Walker
 Maureen Craigie Waugh
 Hugh Jeremy Webster
 Stephanie Ann Wigglesworth
 Stuart John Williams
 Leonora Wilson
 Ann Caroline Wittrick
 Jonathan Simmons Wolf

Diploma in Social Administration Overseas Course

DISTINCTION
 Thomas William Chatterton
 Hazel Eileen Johnson

PASS
 Paul Michael Patrick Millen
 Esther Adebolu Oni
 Pramila Ramgulam
 Ana Maria Roldan

Diploma in Social Administration for Non-Graduates

PASS
 Denise Anne Bate
 Marie Penelope Dent

Kenneth Dixon
Hoonie Rosemary Anne Feltham
Penelope St. Clair James
Michael John King
Bernard Lang
Carol Dinah Lasbrey
Shindo Maguire
Barbara Jean Shaw
Sheldon Shihembetsa Shiatora
Sonia Lorraine Stevens
Rita Pauline Williams

Diploma in Social Work Studies

PASS

Daphne Valerie Alexander
Dorrit Ruth Arnold
Jacqueline Collette Baker
Kathryn Lynne Bieber
Vanessa Bradman
Roberta Louise Brockman
Terry Lynne Brooke
Ruth Regina Burnstone
Eunice Butler
Anne Thecla Campbell
Maria Cavey
Anne Margaret Chadwick
Brenda Joyce Challis
May Lilian Chapman
Ronald Kenneth Claydon
John Andrew Cooper
Sandra Mary Costigan
Deborah Mary Cumber
Susan Irene Czapska
Sheila Rose Dagoo
Christine Mary Davis
Jennifer Elizabeth Dunlop
Janet Rosanne Fairhurst
Joan Elizabeth Gale
Ellen Garrigan
Jacqueline Janet Gerrard
Ann Margaret Gorodi
June Griffith
Wendy Dawn Griffiths
Sophie Heather Grugeon
Sally Margaret Hatch
Sheila Mary Heaton
Susan Bingham Hicks
Audrey Doris Hind
Judith Katherine Holt
Yvonne Pamela Hughes
Carol Anne Johnson
Victoria Nichola Christina Laughland

Peter Anthony Leever
Bethia Ferguson Lindars
Elizabeth Ann Mackay
Keith Ronald Marshall
Josephine Murphy
John Edward Oley
Harriet Oliver
Felicia Margaret Olney
James Arthur Palmer
Jean Mary Parker
Robin Piper
Peter Pollak
Barbara Roberts
Veronica Ann Sagin
Maureen Sears
Angela Mary Stagg
Henrietta Louise Stewart
Sheila Margaret Hornby Tittle
Marianne Tranter
Jennifer Wendy Treacher
Anne Gerarda Tronson
Sally Victoria Isabel Twitchen
Felicity Mary Wedgwood
Brian Henry Williams
Christine Woods
Kathryn Mary Wright

Diploma in Personnel Management

PASS

Geoffrey Agbon Aghayere
Peter K. Baxter
Kenneth Benson
Naomi B. Brief
Alexander Peter Campbell
*Bruce Guy Cobbett
Richard Adam Dubeck
Ursula Nancy Eden
Keith Alex Edwards
*Susan Edwards
Lesley Anne Freeman
Anne Margaret Gell
Betty Siew Cheng Heng
Harry Matthew Hogg
Daniel Kingsley Ifeanyi Igbokwe
Paula James
Paul Christopher Joyce
Alfred Kwasi Martey
Pamela Bridget Moore
John Adrian Norton
Raymond Patrick O'Grady
Luis Alberto Semprum
*Distinction in Viva Examination

Michele Anne Shatz
Nicholas William Stevens
Alison Margaret Taylor

Cynthia Quek Cheng Wee
David Morrison Whyte
Joyce Sheelagh Wickens

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 1975-76 five such Fellows were appointed: Dr. Hilary Allen, Professor A. Amano (Kobe University), Professor D. Dunn (South-West Texas University), Dr. Rosalyn Higgins, Dr. G. Mihaly. Visiting Fellows took part in seminars as well as conducting their own research. In the same session two Research Associates were appointed: Dr. R. W. D. Boyce and Mr. B. Drukier, both 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. 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 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. 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 (the successor to the Higher Education Research Unit) is a part of the Department of Economics. At present it is doing one major project on income distribution and labour supply. This is using the General

Household Survey to throw light on the determinants of earnings, hours, labour force participation and unemployment (including the effects of government tax and social security policies upon these variables). The Centre is financed by project grants—currently from the Department of Employment. There are five full-time staff, and projects are directed on a part-time basis, normally by members of the Economics Department. The Head of the Centre is Mr. P. R. G. Layard.

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 Educational Statistics option for the M.Sc. in Statistics, or the Manpower Planning option in the M.Sc. in Industrial Relations, as well as research students working in the Centre's field.

In 1975-76, three books were published: *University Costs and Outputs* by D. Verry and B. Davies, *Social Scientists at Work* by A. Westoby, D. Webster and G. Williams, and *Earnings and Education in OECD Countries* by G. Psacharopoulos. Articles also appeared in *Comparative Education Review*, *Journal of Development Economics*, *The Manpower Journal*, *New Society*, *Times Higher Education Supplement*, *The Times*, *The Guardian* and a book, edited by W. V. Rijkeghem, entitled *Employment Problems and Policies in Developing Countries*. Forthcoming publications include the results of recently completed studies of teacher supply functions in Britain, urban unemployment in India, the urban labour market in Malaysia and the effect of educational policy on income distribution in Britain.

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. A study of qualified manpower has 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 Institute of Manpower Studies System of Occupational Classification (IMSSOC). Work is also in progress on the development and implementation of statistical models of company manpower flows.

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 (20 Hanway Place, W1P 0AJ)

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 undertaking first a large-scale national study of health and development, and second a developmental study of twins.

The work of the National Survey covers four main areas: (a) the educational histories of the 5,000 young people in the sample, more than 600 of whom have entered universities or training colleges. Miss E. Atkins and Mr. M. Lowe are in charge of this part of the study; (b) The employment and vocational training of those who have left school and are not continuing with full-time education. This part of the study is in the hands of Miss N. Cherry, who is looking at further education and apprenticeships among school leavers, the types of job they have taken, the reason for taking them and the time they have lost from work; (c) The home background, educational record and emotional adjustment of those who come before the Courts; (d) A study of the second-generation families. These last two studies are in the care of Mr. M. E. J. Wadsworth.

Dr. A. Costello and Miss P. Stirling are using a twin sample to study the ways in which the personal characteristics of very young children influence the care they receive.

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 children of the original cohort.

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 in advance of the completion of a full report. 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, 147 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 6400 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 ODC facilities and, via ULCC, to the IBM 360/65 and the ICL 1904S. Over 50 teletypes and video terminals (including 15 in a class room) are available to access the computer. Interactive graphics facilities are available for use with Tektronix computer display terminals.

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 1974 to 31 July 1975

(This list includes some publications that were not available for inclusion in the report for 1973-74).

Accounting

Mrs. S. F. D. Dev

'Statements of Company Prospects' (*Accounting and Business Research*, No. 16, Autumn 1974)

Professor H. C. Edey

'Depreciation and Inflation' (*Public Finance and Accountancy*, September 1974)

'Some Aspects of Inflation and Published Accounts' (*Omega*, Vol. 2, No. 6, December 1974)

Professor B. S. Yamey

'Introduction: Four Centuries of Books on Book-keeping and Accounting' and two bibliographical appendices in *Historical Accounting Literature* (Mansell, 1975)

Anthropology

Professor E. A. Gellner

'The Soviet and the Savage' (*The Times Literary Supplement*, 18 October 1974)

Professor I. M. Lewis

(Editor) *Abaar: The Somali Drought*, pp. 44 (International African Institute, London 1974)

'Patterns of Protest among Non-Western Women' in R. Prince and D. Barrier (Eds.), *Configurations*, pp. 93-103 (Lexington Books, 1974)

'The Anthropologist's Encounter with the Supernatural' in A. Angoff and D. Barth (Eds.), *Parapsychology and Anthropology*, pp. 22-35 (Parapsychology Foundation Incorporated, New York, 1974)

'The Dynamics of nomadism: prospects for sedentarization and social change' in T. Monod (Ed.), *Pastoralism in Tropical Africa*, pp. 426-442 (O.U.P., London, 1975)

Dr. P. Loizos

(Under the signature: A Cypriot) 'Cyprus: 20 more years to heal?' (*New Society*, 25 July 1975)

'The progress of Greek Nationalism in Cyprus, 1878-1970' in J. Davis (Ed.), *Choice and Change: Essays in honour of Lucy Mair* (Athlone Press, London, 1974)

The Greek Gift: politics in a Cypriot Village (Blackwell, Oxford, 1975)

(Feature Article) 'In some ways a settlement will only be the start of Cyprus's difficulties' (*The Times*, 1 May 1975)

Mr. J. D. McKnight

'Men, Women and Other Animals' in R. Willis (Ed.), *The Interpretation of Symbolism* (ASA Studies, Malaby Press, 1975)

Dr. H. S. Morris

'Minorities and Ethnic Groups' (*Encyclopaedia Britannica*, 15th edition, 1974)

'In the Wake of Mechanization' in Robert J. Smith (Ed.), *Social Organization and the Applications of Anthropology* (Cornell University Press, 1975)

Professor J. Pitt-Rivers

'Peter Brook among the Ik' (*The Times Literary Supplement*, 31 January 1975)

Dr. J. C. Woodburn

(With N. A. Barnicot) 'Colour-blindness and Sensitivity to PTC in Hadza' (*Annals of Human Biology*, Vol. 2, No. 1, 1975)

Demography

Professor D. V. Glass

'Population Growth in Developed Countries' in H. B. Parry (Ed.), *Population and its Problems* (Clarendon Press, Oxford, 1974)

Economics

Dr. M. G. Allingham

(With G. C. Archibald) 'Second Best and Decentralization' (*Journal of Economic Theory*, April 1975)

Dr. N. A. Barr

'Saving Up for the Generation Gap' (*The Guardian*, 25 September 1974)

(With M. A. Pickering) 'Labour Loophole for the Heartbreak Children' (*Accountancy Age*, 6 December 1974)

'Negative Income Taxation and the Redistribution of Income' (*Oxford Bulletin of Economics and Statistics*, Vol. 37, No. 1, February 1975)

'Labour's Pension Plan - A Lost Opportunity?' (*British Tax Review*, Nos. 2 and 3, 1975)

Professor P. T. Bauer

Critica De La Teoria Del Desarrollo (Ariel, Barcelona, 1975)

'Foreign Aid, Forever' (*Encounter*, March 1974)

'Commodity Agreements: Aid or Trade' (*International Journal*, Canadian Institute of Economic Affairs, Fall 1974)

'Debt Cancellation for Development' (*National Westminster Bank Review*, November 1974)

'Planning and the Market in Economic Development' in Y. Ramati (Ed.), *Economic Growth in Developing Countries* (Praeger Special Studies, New York, 1975)

'Politicisation of Knowledge: Development Economics' (*Swiss Journal of Economics and Statistics*, June 1975)

(With A. A. Walters) 'Economists and the Dollar Problem' (*Lloyds Bank Review*, April 1975)

(With A. A. Walters) 'The State of Economics' (*Journal of Law and Economics*, April 1975)

'How True are Truisms' (*Encounter*, July 1975)

Dr. M. J. Desai

'The Phillips Curve: A Revisionist Interpretation' (*Economica*, February 1975)

'Random Harvests' (*The Times Literary Supplement*, 28 February 1975)

'The Emerging Contradictions of Slow Capitalist Development' in R. Blackburn (Ed.), *Explosion in a Subcontinent* (Penguin, 1975)

(With S. G. B. Henry) 'Fiscal Policy Simulations and Stabilization Policy' (*The Review of Economic Studies*, July 1975)

Dr. C. R. S. Dougherty

'On the Secular Macroeconomic Consequences of Technical Progress' (*Economic Journal*, September 1974)

Mr. A. D. J. Flowerdew

(With C. M. E. Whitehead) *Cost-Effectiveness and Cost/Benefit Analysis in Information Science* (Office of Scientific and Technical Information Report 5206, October 1974)

(With C. M. E. Whitehead) 'Problems in Measuring the Benefits of Scientific and

Technical Information' in A. B. Frielink (Ed.), *International Symposium on Economics of Informatics Proceedings, Vol. 1* (Intergovernmental Bureau for Informatics, Rome, 1974)

(With P. W. Abelson) 'Economic Evaluation of Road Maintenance' (*Journal of Transport Economics and Policy*, May 1975)

Mr. L. P. Foldes

(With A. J. H. Orhnia) 'Estimates of Marginal Tax Rates for Dividends and Bond Interest in the United Kingdom, 1919-1970' (*Economica*, February 1975)

(With A. J. H. Orhnia) 'Tax Uncertainty in Project Evaluation: A Case Study' (*Accounting and Business Research*, Summer 1975)

Mr. C. D. Foster

'The Effect of Road Pricing on the Distribution of Income' (*Rivista Internazionale di Economia dei Trasporti*, August 1974)

'Transport and the Urban Environment' in J. Rothenberg and I. S. Heggie, *Transport and the Urban Environment* (Macmillan, 1974)

(With S. Glaister) 'The Anatomy of a Development Gains Tax' (*Urban Studies*, June 1975)

Mr. S. Glaister

'Generalised Consumer Surplus and Public Transport Pricing' (*Economic Journal*, December 1974)

Dr. S. Gomulka

'New Policy of Industrialisation in Poland' (*Tribune*, No. 17/73, August 1974)

(With A. Chilosi) 'Technological Condition for Balanced Growth: A Criticism and Restatement' (*Journal of Economic Theory*, Vol. 9, No. 2, October 1974)

'Economy of Poland: A Turning Point' (*Tribune*, No. 20/76, July 1975)

Professor W. M. Gorman

'Tricks with Utility Functions' (Invited Address to the Association of University Teachers of Economics, April 1975)

Mr. J. R. Gould

'External Economies and the Production Frontier' (*Journal of Political Economy*, November/December 1974)

'Mohring and Boyd's Objection to the Coase Theorem: A Note' (*Economica*, May 1975)

Dr. B. V. Hindley

'Är Den Brittiska Ekonomin Ett Misslyckande?' ('Is the British Economy a Failure?') (*Ekonomisk Debatt*, September 1974)

Mr. R. A. Jackman

'Keynes and Leijonhufvud' (*Oxford Economic Papers*, July 1974)

'The Problem of Externalities in a Spatial Economy' in E. L. Cripps (Ed.), *Regional Science - New Concepts and Old Problems* (London Papers in Regional Science 5, Pion, 1975)

'Shifting the Burden from the Ratepayers' (*Investors Chronicle*, 28 February 1975)

'Rate Support Grant and Rate Equalization', 'Inflation and the Rates' and 'More Control of Local Spending' (*Local Government Review*, 12 April, 19 April and 7 June 1975)

Mr. P. R. G. Layard

(With B. Laidlaw) 'Traditional versus Open University teaching methods: a cost comparison' (*Higher Education*, August 1974)

(With G. Psacharopoulos) 'The screening hypothesis and returns to education' (*Journal of Political Economy*, September/October 1974)

(With D. Verry) 'Cost functions for university teaching and research' (*Economic Journal*, March 1975)

(With P. Fallon) 'Capital-skill complementarity, income distribution and output accounting' (*Journal of Political Economy*, April 1975)

Mr. A. Marin

'The Phillips Curve (Born 1958 - died ?)' in W. E. Mitchell, J. H. Hand and I. Walter (Eds.), *Readings in Macroeconomics* (McGraw-Hill, 1974)

Dr. M. H. Miller

Discussion of Donald R. Hodgman's 'Credit Controls in Western Europe: An Evaluative Review' in *Credit Allocation Techniques and Monetary Policy* (Federal Reserve Bank of Boston, Conference Series #11)

'Notes on Estimating Budgetary Contributions' in Geoffrey Denton, John Dodsworth, Tim Josling and Marcus Miller, *The Economics of Renegotiation*, pp. 83-89 (The Federal Trust for Education and Research, London, 1975)

Discussion of Douglas Fisher's 'Wealth Adjustment Effects in a Macro-Economic Model' in M. Parkin and A. R. Nobay (Eds.), *Contemporary Issues in Economics* (Manchester University Press, 1975)

Discussion of David Gowland's 'The Money Supply and Stock Market Prices' in M. Parkin and A. R. Nobay (Eds.), *Current Economic Problems* (C.U.P., 1975)

'Is Indexation the Answer to Inflation?' (*Trustee Savings Bank Gazette*, Vol. XXXVII, No. 2, pp. 34-36, April 1975)

Professor M. Morishima

The Theory of Demand: Real and Monetary (Oxford, 1973)

Marx's Economics (Cambridge, 1973)

'Marx in the Light of Modern Econometric Theory' (*Econometrica*, July 1974)

Mr. S. J. Nickell

'On Expectations, Government Policy and the Rate of Investment' (*Economica*, August, 1974)

'A Closer Look at Replacement Investment' (*Journal of Economic Theory*, February 1975)

Professor A. R. Prest

(Editor with Professor D. J. Coppock) *The UK Economy* (Weidenfeld and Nicolson, 5th edition, London, 1974)

Public Finance in Theory and Practice (Weidenfeld and Nicolson, 5th edition, London, 1975)

(With M. A. Pickering) 'Some Aspects of the Remittance Basis for the Taxation of Overseas Income' (*British Tax Review*, No. 6, 1974)

'Fiscal Issues' in G. Denton (Ed.), *Economic and Monetary Union in Europe* (Croom Helm, London, 1974)

Dr. G. Psacharopoulos

(With R. Layard) 'The screening hypothesis and the returns to education' (*Journal of Political Economy*, September/October 1974)

'Jencks and Inequality' (*Comparative Education Review*, October 1974)

'College quality as a screening device?' (*Journal of Human Resources*, Fall 1974)

'The macro-planning of education: A clarification of issues and a look into the future' (*Comparative Education Review*, June 1975)

Professor J. D. Sargan

'The Validity of Nagar's Expansion for the Moments of Econometric Estimators' (*Econometrica*, January 1974)

'Some Discrete Approximations to Continuous Time Stochastic Models' (*Journal of the Royal Statistical Society*, Series B, April 1974)

'Asymptotic Theory and Large Models' (*International Economic Review*, February 1975)

'Gram-Charlier Approximations applied to t Ratios of k-Class Estimators' (*Econometrica*, March 1975)

Professor A. K. Sen

'On Some Debates in Capital Theory' (*Economica*, August 1974)

'Poverty, Inequality and Unemployment: Some Conceptual Issues in Measure-

ment' (*Sankhya: The Indian Journal of Statistics*, June and December 1974)

'Il nostro sistema sociale in trasformazione: Commento a Tinbergen' (*Economia Pubblica*, November-December 1974)

'Informational Basis of Alternative Welfare Approaches' (*Journal of Public Economics*, November 1974)

Employment, Technology and Development (Clarendon Press, 1975)

'The Concept of Efficiency' in M. Parkin and A. R. Nobay (Eds.), *Contemporary Issues in Economics* (Manchester University Press, 1975)

'Is a Paretian Liberal Impossible: A Reply' (*Public Choice*, Spring 1975)

'Employment, Institutions and Technology: Some Policy Issues' (*International Labour Review*, July 1975)

Dr. A. F. Shorrocks

'The Age-Wealth Relationship: A Cross-Section and Cohort Analysis' (*Review of Economics and Statistics*, Vol. LVII, No. 2, May 1975)

Dr. M. A. M. Smith

'International Trade in Second-Hand Machines' (*Journal of Development Economics*, September 1974)

Professor A. A. Walters

'The State of the Market' (*Sebag Investment Report*, August 1974)

'Malaysia - The Fast Learners' (*The Spectator*, 24 August 1974)

Noise and Prices (Clarendon Press, Oxford, August 1974)

'What does Inflation Mean?' (*Daily Telegraph Magazine*, No. 519, 8 November 1974)

'Projection of the U.K. Economy' (*Financial Times*, 31 December 1974)

'The Banking System - Can it Cope?' (*United Malayan Banking Corporation Economic Review*, Vol. XI, No. 1, 1975)

'In Thrall to Creditors?' (*Crisis 1975*, Institute of Economic Affairs, January 1975)

'The Crisis in the Economy 1975' (*Sebag Investment Report*, February 1975)

(With P. T. Bauer) 'The State of Economics' (*Journal of Law and Economics*, April 1975)

(With P. T. Bauer) 'The Dollar Problem and the Economics Profession' (*Lloyds Bank Review*, April 1975)

'Milton Friedman' (*Prophets of Freedom and Enterprise, Aims of Industry*, July 1975)

Dr. J. E. Whalley

'Estate Duty as a "Voluntary" Tax; evidence from stamp duty Statistics' (*Economic Journal*, September 1974)

(With John B. Shoven) 'On the Computation of competitive equilibrium on international markets with tariffs' (*Journal of International Economics*, November 1974)

'Distortionary factor taxation - a calculation of effective tax rates in the U.K., 1968-70' (*The Manchester School*, March 1975)

'A General Equilibrium Assessment of the 1973 United Kingdom Tax Reform' (*Economica*, May 1975)

Dr. C. M. E. Whitehead

(With A. D. J. Flowerdew) *Cost-Effectiveness and Cost/Benefit Analysis in Information Science* (Office of Scientific and Technical Information Report 5206, October 1974)

(With A. D. J. Flowerdew) 'Problems in Measuring the Benefits of Scientific and Technical Information' in A. B. Frielink (Ed.), *International Symposium on Economics of Informatics Proceedings*, Vol. 1 (Intergovernmental Bureau for Informatics, Rome, 1974)

The U.K. Housing Market - An Econometric Model (Saxon House, 1975)

Professor P. J. de la F. Wiles

'The External-Test-not Content Hypothesis' (*Higher Education*, Amsterdam, February 1974)

'Le Controle de L'Inflation en Hongrie' (*Economie Appliquée*, 1/1974)

- Rejoinders to sundry critics re *Economic Journal*, June 1973 (*Economic Journal*, June and December 1974)
- 'Karl Marx as a Religious Philosopher' in *Problems of Economic-Social Reform* (Festschrift for Tadao Horie, Tokyo, 1974)
- Distribution of Income: East and West* (the book of the F. de Vries lectures) (North Holland, 1974)
- 'La Lotta contro l'Inflazione nelle Economie Collettiviste' (*Rivista di Economia Politica*, December 1974)
- 'Recent Data on Soviet Income Distribution', 'Note on Dr. Matthews' Calculations' in *Economic Aspects of Life in USSR* (NATO, Directorate of Economic Affairs, Brussels, 1975)
- Professor B. S. Yamey**
- 'Monopolistic Price Discrimination and Economic Welfare' (*The Journal of Law and Economics*, October 1974)

Geography

Dr. C. Board

- '... and its crucial political geography: South Africa in Context: 2' (*New Society*, Vol. 30, pp. 674-6, 12 December 1974)
- (With A. Buchanan) 'Evaluating thematic maps-current trends in the United Kingdom' (*Cartographic Journal*, pp. 124-9, December 1974)
- (With R. J. Chorley, P. Haggett and D. R. Stoddart) Editors of *Progress in Geography*, Vol. 6, pp. 252, 1974 and Vol. 7, pp. 292, 1975 (Edward Arnold)
- 'Fieldwork a menace?' (*The Times Educational Supplement*, 6 June 1975)

Mr. D. R. Diamond

- (With R. Edwards) *Business in Britain: a management planning atlas* (Philip, 1975)
- 'The Long Term Aim of Regional Policy' in M. Sant (Ed.), *Regional Policy and Planning for Europe* (Saxon House, 1975)
- 'Planning the Urban Environment' (*Geography*, July 1975)

Dr. F. E. I. Hamilton

- (Editor) *Spatial Perspectives on Industrial Organization and Decision-Making* (Wiley, London and New York, 1974)
- Poland's Western and Northern Territories* (O.U.P., Oxford, 1975)
- 'Economic Planning in a Socialist Country: Poland', Chapter 3, pp. 73-109 in *Regional Analysis and Development IV: Government Intervention 3* (The Open University Press, 1974)
- 'A View of Spatial Behaviour, Industrial Organizations and Decision-Making', Chapter 1, in F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organization and Decision-Making* (Wiley, London and New York, 1974)
- 'Self Management: The Yugoslav Case', Chapter 17, in F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organization and Decision-Making* (Wiley, London and New York, 1974)
- 'Industrial Location Research and the I.G.U. Working Group on Industrial Geography' (*Industrial Situation in India*, Vol. III, No. 4, pp. 151-163, 1974)
- 'Współczesne Kierunki Badań w Zakresie Lokalizacji Przemysłu' (*Przegląd Geograficzny*, July 1975) (Text of a lecture presented in Polish at the Polish Academy of Sciences, November 1974)

Professor R. J. Harrison Church

- 'West Africa' in Norman J. Graves, B. Brouillette and G. Last (Eds.), *African Geography for Schools: A Handbook for Teachers* (Longman/UNESCO, 1974)
- Reprint of 'Senegal and Gambia: Some Problems of Association' from *Etudes de Géographie Tropicale offertes à Pierre Gourou* (Mouton, 1972) in *Senegambia: Proceedings of a Colloquium at the University of Aberdeen* (April 1974)

- 'Japan and West Africa' (*West Africa*, 12 and 19 August 1974)
- 'Resettlement seems to be the only way of beating continued drought in nomads' land' (*The Times*, 10 September 1974)
- 'Urban development in Israel' (*The Geographical Magazine*, April 1975)
- 'Political Geography' in J. I. Clarke (Ed.), *An Advanced Geography of Africa* (Hulton Educational Publications, 1975)
- Mr. D. K. C. Jones**
- 'The influence of the Calabrian transgression on the drainage evolution of South-east England' in E. H. Brown and R. S. Waters (Eds.), *Progress in Geomorphology* (Institute of British Geographers Special Publication No. 7, June 1974)
- 'Japan under Strain' (*Geographical Magazine*, December 1974)
- 'Man moulds the landscape' in D. Brunnsden and J. C. Doornkamp (Eds.), *The Unquiet Landscape* (David and Charles, 1974)
- (With D. Brunnsden, J. C. Doornkamp and L. W. Hinch) 'Geomorphological Mapping and Highway Design' in P. J. N. Pells and A. Mac G. Robertson (Eds.), *Soil Mechanics and Foundation Engineering* (Proceedings of the sixth African regional conference for soil mechanics, Vol. 1, Balkema, 1975)

Professor E. Jones

- Editor and 'Introduction' pp. 1-12 in *Readings in Social Geography* (O.U.P., 1975)

Dr A. M. Lambert

- 'Clues to the Nippon Culture' (*Geographical Magazine*, Vol. 46, No. 12, September 1974)
- (Editor) *Panorama* (Journal of the Isle of Thanet Branch of The Geographical Association, No. 14, 1974, special edition on 'National Parks of Western America', including 'Idaho Falls - Map of Commercial Activities', 'Zane Grey - a bibliographical Note', 'The Indians of Western North America' and 'Geology from Muleback'.)

Dr. J. E. Martin

- 'Some effects of the canalization of the Moselle' (*Geography*, November 1974)

Mrs. J. A. Rees

- 'Waste Control in the Water Industry: An Economic Approach' (*Institution of Water Engineers Symposium on Waste Control*, pp. 37-47, September 1974)
- (With Richard J. Munton) *Resource Management Register*, A Survey of current geographical research in resource management (Social Science Research Council, 1974)
- 'World Power Status at a Price: the Pollution of Japan's Natural Resources' (*Geographical Magazine*, Vol. XLVII, No. 6, March 1975)
- North West Tasmanian Regional Water Scheme*, the economic and administrative aspects (Department of Urban and Regional Development, Canberra, Australia, May 1975)

Dr. J. B. Thornes

- (Joint editor with D. Brunnsden) *Technical Bulletins 11-15* (British Geomorphological Research Group, 1974-75)
- 'Anatomy of a flood' (*Geographical Magazine*, April 1974)
- (With G. Gudgin) 'Probability in Geographical Research' (*The Statistician*, October 1974)
- 'Rivers in their delicate courses' in *The Unquiet Landscape* (David and Charles, 1974)
- (With A. Young and D. Brunnsden) *Slope Analysis* (British Geomorphological Research Group, Technical Bulletin No. 11, January 1975)

Professor M. J. Wise

- 'Worcestershire and Birmingham Black Country Conurbation', pp. 25-36 in B. H. Adlam (Ed.), *Worcestershire: Geographical Perspectives*, 1974
- Foreword to P. S. Cadbury and A. Cook, *The Chapman's Hill School Farm Experiment* (Association of Agriculture, 1974)

'Environmental Studies and the Contributory Disciplines' (*Environmental Education*, No. 4, pp. 46-52, 1975)

Government

Dr. R. S. Barker

'Socialism and Progressivism in the Political Thought of Ramsay MacDonald', Chapter 7 in A. J. A. Morris (Ed.), *Edwardian Radicalism 1900-1914* (Routledge and Kegan Paul, 1974)

'Guild Socialism Revisited?' (*The Political Quarterly*, July-August 1975)

'Politics and the Reform of Education' (*Municipal Review*, January 1975)

Mr. L. Blit

Member of the Working Party which helped prepare Rev. Trevor Beesons's *Discretion and Valour - Religious conditions in Russia and Eastern Europe* (Collins, 1975)

'The making of a tyrant' (*Socialist Commentary*, November 1974)

'The Jewish Bund' (*Slavonic and East European Review*, March 1975)

'The Warsaw Rising of 1944' (*Soviet Studies*, Glasgow, July 1975)

'Background to Soviet Foreign Policy' (*Slavonic and East European Review*, July 1975)

Professor M. W. Cranston

'Réalité et apparence chez Machiavel' (*France Forum*, Juillet 1975)

'Sartre' in K. R. Minogue and A. de Crespigny (Eds.), *Contemporary Political Philosophy* (New York, 1975)

'One Mill or Two' (*Encounter*, July 1975)

Mrs. E. J. de Kadt

Translated from the Russian and Edited with an Introduction and notes *On Socialist Democracy* by Roy Medvedev (Macmillan, July 1975)

Dr. G. W. Jones

'The Office of Prime Minister' in Herbert van Thal (Ed.), *The Prime Ministers*, Vol. 1, (Allen and Unwin, 1974)

'Intergovernmental Relations in Britain' (*The Annals of the American Academy of Political and Social Science*, November 1974)

'Varieties of Local Politics' (*Local Government Studies*, April 1975)

(Review Article) 'Prime Ministers, Politics and Political History' (*Parliamentary Affairs*, Spring 1974)

(Review Article) 'Administrators or Politicians?' (*Parliamentary Affairs*, Winter 1974)

(Review Article) 'The City of the Future?' (*Municipal Review*, October 1974)

Professor E. Kedourie

Arabic Political Memoirs and Other Studies (Cass, 1974)

'Tillkomsten av Sykes-Picot-avtalet' in June Persson (Ed.), *Mellanostern* (Akademisk Forlag, Lund, 1974)

'Jamal ad-Din al-Afghani' (*Encyclopaedia Britannica*, 15th edition, 1974)

'New Histories for Old' (*The Times Literary Supplement*, 7 March 1975)

'Continuity and Change in Modern Iraqi History' (*Asian Affairs*, June 1975)

'"What Have We Become"' (*Encounter*, August 1975)

Dr. W. Letwin

'A British Approach to the Reform of Metropolitan Governance: The Redcliffe-Maud Report' in L. Wingo (Ed.), *Reform as Reorganisation* (Resources for the Future, 1974)

'The American Foundations - Fairy Godmothers of Avenging Angels?' (*Encounter*, January 1974)

Review of A. Cournaud and M. Levy, *Shaping the Future* (*New Scientist*, 2 May 1974)

Review of J. E. Crowley, *This Sheba, Self* (*The Times Literary Supplement*, 13 June 1975)

'Federalism: Robust or Fading?' (*Policy and Politics*, June 1975)

Review of R. W. Fogel and S. L. Engerman, *Time On the Cross: The Economics of American Negro Slavery* (*Journal of Economic Literature*, March 1975)

Mr. K. R. Minogue

'Working on the Pleasure Principle' (*The Times Literary Supplement*, 30 August 1975)

'Ernest Gellner and the Single Realm' (*Encounter*, October 1974)

'Parts and Wholes: Twentieth Century Interpretations of Thomas Hobbes' (*Annales de la Cathedra Francisco Suarez*, 1974)

'Michael Oakeshott: The Boundless Sea of Politics' in A. R. de Crespigny and K. R. Minogue (Eds.), *Contemporary Political Philosophers* (New York, 1975)

'Recent Discussions from Machiavelli to Althusser' (*Political Studies*, March 1975)

'The Uncertainties of Socialism' (*The Times Literary Supplement*, 21 March 1975)

'Neutrality and Impartiality' (*The Times Literary Supplement*, 2 May 1975)

'Dr. Spock's Babies' (*Encounter*, July 1975)

'Sober Thoughts on University Government' (*Minerva*, Summer 1975)

Dr. J. B. Morrall

'Kathleen Ni Houlihan's New Clothes: Recent Perspectives on Irish History and Political Studies' (*Studies*, Vol. lxiii, No. 251, pp. 243-249, Dublin, Autumn 1974)

Dr. T. J. Nossiter

'Voting Behaviour 1832-72' in M. Drake (Ed.), *Applied Historical Studies: An Introductory Reader* (Methuen, 1973)

Influence, Opinion and Political Idioms in Reformed England (Harvester Press, 1975)

Dr. R. R. Orr

'Intellectual Biography as a form of the History of Ideas' (*Interpretation*, Winter 1974)

Mr. S. K. Panter-Brick

'Fiction and Politics in Africa: the African Writer's Abdication' (*The Journal of Commonwealth and Comparative Studies*, Vol. XIII, No. 1, March 1975)

Mr. P. B. Reddaway

(Review Article) 'The Resistance in Russia' (*The New York Review of Books*, 12 December 1974)

Mr. E. A. Roberts

'Why a Coup in Britain is not a Serious Prospect' (*The Times*, 14 August 1974)

'Civil Resistance to Military Coups' (*Journal of Peace Research*, No. 1, Oslo, 1975)

Professor W. A. Robson

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Statistics of Students

Analysis of Regular and Occasional Students, 1971-76

	Session 1971-72	Session 1972-73	Session 1973-74	Session 1974-75	Session 1975-76
REGULAR STUDENTS					
Full-time					
First Degree	1584	1573	1595	1664	1703
First Diploma	68	62	52	35	19
Higher Degree	977	1027	1026	1053	1054
Higher Diploma	199	203	190	201	186
Research Fee	76	75	74	80	94
Other Regular	99	71	89	101	92
TOTAL OF FULL-TIME STUDENTS	3003	3011	3026	3134	3148
Part-time					
First Degree	1	0	0	0	0
Higher Degree	410	417	409	407	385
Higher Diploma	0	1	0	0	0
Research Fee	6	7	7	13	12
Other Regular	0	0	0	0	0
TOTAL PART-TIME STUDENTS	417	425	416	420	397
TOTAL OF REGULAR STUDENTS	3420	3436	3442	3554	3545
OCASIONAL STUDENTS	230	247	166	167	117
GRAND TOTAL	3650	3683	3608	3721	3662

NOTE Before 1971-72 full-time and part-time regular students were grouped together.

Analysis of Overseas Students, 1971-76

	Session 1971-72	Session 1972-73	Session 1973-74	Session 1974-75	Session 1975-76
REGULAR STUDENTS					
First Degree	267	264	283	312	346
First Diploma	0	0	4	4	2
Higher Degree	649	704	726	753	748
Higher Diploma	46	53	57	43	30
Research Fee	75	76	75	82	94
Other Regular	82	53	77	84	81
OCASIONAL STUDENTS	63	50	47	61	42
TOTAL	1182	1200	1269	1339	1343

Analysis of Regular and Occasional Students, 1974-76

REGULAR STUDENTS

	SESSION 1974-75						SESSION 1975-76							
	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	273	88	361				987	264	79	343				996
2nd year	259	75	334					248	76	324				
3rd year	226	66	292					256	73	329				
Course-Unit Degree														
B.Sc./B.A. Geography														
1st year	16	8	24				79	19	12	31				82
2nd year	19	10	29					14	8	22				
3rd year	20	6	26					19	10	29				
B.Sc. Mathematics, Statistics & Computing														
1st year	12	6	18				36	8	5	13				45
2nd year	13		13					15	4	19				
3rd year	4	1	5					13		13				
B.Sc. Mathematics & Philosophy														
1st year	2		2				4	5		5				8
2nd year	1	1	2					1		1				
3rd year								1	1	2				
B.Sc. Social Anthropology														
1st year	7	12	19				51	7	14	21				50
2nd year	8	8	16					5	12	17				
3rd year	2	14	16					7	5	12				
B.Sc. Social Psychology														
1st year	7	10	17				44	6	10	16				41
2nd year	7	6	13					6	6	12				
3rd year	6	8	14					6	7	13				
B.Sc. Sociology														
1st year	10	21	31				89	11	20	31				87
2nd year	9	21	30					8	22	30				
3rd year	9	19	28					7	19	26				
B.Sc. Chemistry & Philosophy of Science (jointly with King's College)														
1st year								3		3				3
B.A. History														
1st year	12	3	15				50	8	13	21				47
2nd year	5	9	14					10	3	13				
3rd year	9	12	21					4	9	13				

Analysis of Regular and Occasional Students, 1974-76 (continued)

REGULAR STUDENTS

	SESSION 1974-75						SESSION 1975-76							
	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				
B.A. French/Linguistics														
1st year	1	2	3				16	2	2	4				14
2nd year	2		2					1	1	2				
3rd year (abroad)		6	6					2		2				
4th year	1	4	5						6	6				
B.A. German/Linguistics														
1st year	1	2	3				10	1	1	2				4
2nd year	1	1	2					1	1	2				
3rd year (abroad)														
4th year	1	4	5											
B.A. French/German							40							44
3rd year (abroad)	1		1				4	1		1				4
4th year	2	1	3											
French/Spanish														
1st year		2	2				5	1	1	2				6
2nd year		1	1						2	2				
3rd year (abroad)		1	1						1	1				
4th year		1	1						1	1				
B.A. German/Spanish														
1st year		1	1											
B.A. French/Russian														
1st year		1	1				3		1	1				5
2nd year		2	2						2	2				
3rd year (abroad)									1	1				
4th year									1	1				
B.A. Russian/Linguistics														
1st year	1		1											
LL.B.														
1st year	48	33	81				222	51	25	76				232
2nd year	45	30	75					45	34	79				
3rd year	42	24	66					48	29	77				

Analysis of Regular and Occasional Students, 1974-76 (continued)

REGULAR STUDENTS	SESSION 1974-75						SESSION 1975-76						Grand Total	
	Full-time Students			Part-time Students			Grand Total	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	7	20	27					12	15	27				
2nd year	3	16	19					5	17	22				
3rd year	4	12	16					4	15	19				
			62				62			68				68
M.Sc.														
1st year	322	136	458	32	14	46		373	114	487	32	14	46	
2nd and subsequent years	51	18	69	33	12	45		38	11	49	29	10	39	
Ph.D.														
1st year	1	3	4	7		7		6	2	8	2	1	3	
2nd and subsequent years	124	47	171	70	23	93		116	46	162	77	24	101	
M.Phil.														
1st year	98	40	138	42	14	56		101	50	151	36	16	52	
2nd and subsequent years	76	39	115	109	30	139		75	36	111	94	30	124	
LL.M.														
1st year	71	9	80	12	4	16		46	17	63	6	3	9	
2nd and subsequent years	2	1	3	3	—	3		4		4	9	2	11	
M.A.														
1st year	11	4	15	1	1	2		11	8	19				
2nd and subsequent years														
Research Fee														
1st year	54	13	67	7	2	9		70	14	84	6		6	
2nd and subsequent years	10	3	13	2	2	4		7	3	10	4	2	6	
			80			13	93			94			12	106
			1053			407	1460			1054			385	1439

Analysis of Regular and Occasional Students, 1974-76 (continued)

REGULAR STUDENTS	SESSION 1974-75						SESSION 1975-76						Grand Total	
	Full-time Students			Part-time Students			Grand Total	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	3	2	5					2	3	5				
2nd and subsequent years	4	1	5					2	1	3				
			10				10			8				8
Diplomas Awarded by the School:														
Social Work Studies	9	57	66				66	11	53	64				64
Social Planning	9	2	11				11	11	2	13				13
Personnel Management	17	12	29				29	15	13	28				28
Social Administration														
1 year course	20	45	65				65	23	31	54				54
2 year course														
1st year	3	10	13				35	4	5	5				
2nd year	8	14	22				35	4	10	14				19
Statistics	14	6	20			20	20	9	2	11				11
Systems Analysis								8		8				8
General Course	49	25	74				74	43	31	74				74
1 year Course for Chinese Students	5	3	8				8	3	3	6				6
Trade Union Studies	18	1	19				19	9	3	12				12
TOTAL OF REGULAR STUDENTS	2075	1059	3134	318	102	420	3554	2115	1033	3148	295	102	397	3545
OCCASIONAL STUDENTS				110	57	167	167				71	45	116	116
GRAND TOTAL	2075	1059	3134	428	159	587	3721	2115	1033	3148	366	147	513	3661

Analysis of Overseas¹ Students in Attendance at the London School of Economics during the Sessions 1971-76

	1971-72		1972-73		1973-74		1974-75		1975-76	
Balkan States	3	(3)	3	(3)	1	(—)	5	(5)	5	(5)
Cyprus ²	—		18	(18)	27	(27)	25	(25)	29	(29)
France	11	(7)	10	(8)	10	(8)	13	(11)	15	(14)
Germany	25	(21)	26	(26)	24	(23)	29	(29)	43	(42)
Greece	37	(35)	57	(56)	61	(61)	74	(73)	67	(67)
Holland	2	(2)	8	(8)	2	(2)	7	(4)	6	(6)
Italy	23	(21)	14	(12)	14	(13)	23	(23)	32	(32)
Poland	5	(5)	9	(9)	7	(7)	5	(5)	8	(8)
Russia	3	(3)	—		3	(3)	1	(1)	2	(2)
Scandinavia	22	(18)	27	(23)	16	(15)	26	(25)	22	(20)
Switzerland	6	(6)	5	(4)	8	(8)	15	(12)	23	(21)
Others	53	(49)	44	(43)	50	(47)	46	(41)	59	(52)
<i>Total Europe</i>	190	(170)	221	(210)	223	(214)	269	(254)	311	(298)
Bangladesh	5	(5)	5	(5)	15	(15)	16	(16)	23	(23)
Burma	1	(1)	1	(1)	1	(1)	2	(2)	—	
China	3	(1)	—		8	(8)	10	(8)	8	(8)
India	31	(31)	35	(35)	54	(51)	56	(55)	50	(50)
Iran	38	(38)	34	(33)	45	(43)	55	(50)	58	(57)
Israel	5	(1)	—		25	(25)	20	(18)	26	(25)
Japan	16	(15)	21	(19)	24	(20)	31	(29)	38	(35)
Malaysia	44	(44)	48	(48)	43	(43)	54	(54)	60	(60)
Pakistan	51	(51)	52	(51)	48	(47)	29	(29)	28	(28)
Singapore	12	(12)	18	(18)	31	(31)	30	(30)	27	(27)
Sri Lanka	10	(10)	13	(13)	8	(8)	10	(10)	9	(9)
Thailand	5	(5)	10	(9)	10	(9)	11	(10)	10	(10)
Turkey	15	(15)	18	(15)	17	(15)	22	(19)	13	(13)

Continued

¹For 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

²Previously included in Europe: Others

Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions 1971-76 (continued)

	1971-72		1972-73		1973-74		1974-75		1975-76	
Others	59	(57)	80	(78)	37	(37)	46	(46)	57	(56)
<i>Total Asia</i>	295	(286)	335	(325)	366	(353)	392	(376)	407	(401)
Ghana	9	(9)	8	(8)	7	(6)	7	(7)	7	(7)
Kenya	17	(17)	11	(11)	17	(17)	17	(17)	25	(25)
Nigeria	35	(35)	34	(34)	29	(28)	26	(26)	29	(29)
Rhodesia	8	(8)	7	(7)	4	(4)	12	(12)	12	(12)
South Africa	10	(10)	11	(10)	13	(12)	23	(23)	20	(19)
Others	39	(39)	31	(30)	53	(51)	57	(56)	46	(46)
<i>Total Africa</i>	118	(118)	102	(100)	123	(118)	142	(141)	139	(138)
Canada	176	(169)	158	(154)	125	(124)	122	(119)	100	(96)
United States	290	(274)	257	(245)	285	(278)	246	(230)	239	(229)
Others	13	(9)	10	(9)	24	(21)	26	(22)	18	(17)
<i>Total North America</i>	479	(452)	425	(408)	434	(423)	394	(371)	357	(342)
<i>West Indies</i>	12	(12)	9	(9)	10	(10)	14	(14)	12	(12)
<i>Central America</i>	11	(11)	13	(10)	4	(3)	6	(6)	7	(7)
<i>South America</i>	43	(39)	46	(41)	53	(48)	61	(58)	65	(59)
Australia	24	(22)	38	(37)	44	(41)	53	(51)	39	(38)
New Zealand	10	(9)	9	(8)	16	(16)	16	(16)	14	(14)
Others	—		—		1	(1)	—		—	
<i>Total Oceania</i>	34	(31)	47	(45)	61	(58)	69	(67)	53	(52)
Total	1182	(1119)	1198	(1148)	1274	(1227)	1347	(1287)	1351	(1309)

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. The cost, post free, is 50p within the United Kingdom and the Republic of Ireland; 90p within Europe; £1.15 elsewhere. 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): Bahamas, 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 1977 is 1 September 1976. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1976, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1976. 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 £1500 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 113–15 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 'O' level pass in Mathematics expected	148–61
LL.B. No course requirement	179–82
B.A. Geography 'O' level pass in Mathematics expected	
B.Sc. Degree 'O' level pass in Mathematics expected for:	
Geography	163–5
Social Psychology	169–71
Sociology	171–3
'A' level pass in Mathematics (or its equivalent if taken under an Examination Board other than London) expected for:	
Mathematics/Philosophy	167–8
Mathematics/Statistics/Computing	165–7
B.Sc. Social Science and Administration 'O' level pass in Mathematics expected	177–8
B.A. History '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	183–4
B.A. French Studies 'A' level pass in French required	173–5

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 127 and 202).

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 Adviser 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.

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

(The fees stated are those which are applicable to the session 1976-77: they may not be valid thereafter.)

General Notes

1. Composition fees entitle students to:

- (a) the use of the Library;
- (b) membership of the Students' Union, and, for students working under inter-collegiate arrangements, the use of student common rooms of the other colleges which they attend.

2. Degree composition fees cover lectures, classes and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.¹ They also cover University registration and examination fees except in the case of *part-time* students registered for higher degrees who must pay University registration and examination fees in addition to the School composition fees. The composition fee includes the subscription to the Students' Union of £23 per session for full-time students and £8 for part-time students.

3. Separate fees are payable by overseas students. The definition of overseas students is given on pages 127-8.

4. Students are normally expected to pay fees by the session, but for those who find this difficult, payment by terminal instalments is permitted.²

5. The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate.² 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 H402. Cheques should be made payable to the "London School of Economics and Political Science" and should be crossed "A/c. Payee". The School does not issue receipts for payments by cheque unless specially requested.

¹Composition fees do not include (a) the cost of field work or practical work required to be undertaken in vacation or term time, or (b) the costs of a year of residence abroad required of students reading for B.A. degrees in Language Studies.

²If the sessional fee has not been paid by 31 December, students will be charged at the terminal rate.

Full-time Students	UNITED KINGDOM		OVERSEAS	
	Sessional	Terminal	Sessional	Terminal
All first degrees	£205	£72	£439	£150
M.Sc., M.A., LL.M.				
One-year course or first year of two-year course	£235	£82	£439	£150
Second year	£193	£68	£439	£150
M.Sc. Demography†	£235	£82	£1699	—
M.Sc. Social Planning in Developing Countries†	£235	£82	£1699	—
Ph.D., M.Phil.	£217	£76	£439	£150
Research Fee	£193	£68	£439	£150
Continuation Fee	£63	£24	£63	£24
University Diploma in Social Anthropology	£205	£72	£439	£150
School Diplomas in:				
Social Administration				
Social Work Studies	£205	£72	£439	£150
Statistics				
Social Planning in Developing Countries†	£205	£72	£1699	—
Personnel Management:				
Twelve-month course	£205	£72	£439	£150
Trade Union Studies	£193	£68	£439	£150
General Course	£243	£84	£439	£150

†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
Ph.D., M.Phil., M.Sc., M.A., LL.M., Research Fee	£78*	£27*
Continuation Fee	£26*	£10*

All the above fees, except those marked with an asterisk, cover University Registration and Examination Fees where these are appropriate.

Unless otherwise stated the fees apply to each year of the course of study.

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.

(iii) 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 beginning of the term will be liable for the fees for that term.

(iv) The fees cover attendance at all such courses at the School as a student may attend and at such courses at other institutions of the University as he may attend on the advice of his teachers and with the approval of the other institutions concerned.

(v) The fees for the LL.M. degree entitle the student to the advice and guidance of a supervising teacher and attendance at such lecture courses and seminars as are approved by the latter. A student spreading the work for the degree over two sessions may, with the consent of the teacher concerned, repeat a seminar or course already taken.

(vi) Part-time students reading for higher degrees are charged non-inclusive tuition fees plus a University registration fee of £8. They pay their own examination fee as follows:

M.A., M.Sc., M.Phil. or LL.M.	£32
Ph.D.	£50

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.

Fees for Re-entry to Examinations for School Diplomas

A candidate who, as a registered full-time student, has completed the course of study for a Diploma awarded by the School, but has failed to satisfy the examiners in whole or in part, may apply to re-enter for the examination on payment of the following fees:

Re-entry for a single subject	£2
Re-entry for a whole examination	£6

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 education¹ is regarded as having been ordinarily resident in the U.K. during the period of such attendance.

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

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 education¹ 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 education¹ 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.)

¹Higher 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 made 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 1977-78*, available from the Registry and the Undergraduate Admissions Office.

Scholarships and Studentships

These awards are arranged in the following categories:

(a) **Entrance awards** open to those who seek to enter the School to follow 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-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 at the University of London 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 137)

(ii) The Scholarship in International Law (see page 137)

Overseas applicants Most awards offered are open to overseas students. An interview at the School is, however, an essential part of the selection procedure and overseas candidates cannot be considered unless they are likely to be in England at the time when the selection is being made.

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 £200 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 year shows outstanding merit. The C. S. Mactaggart Scholarships are of the value of £160 a year; the three School Undergraduate Scholarships are of the value of £100 a year; and the Institute of Chartered Secretaries and Administrators' Scholarship is of the value of £50 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
- (c) B.Sc. (Econ.) and LL.B. degrees: The Institute of Chartered
 Secretaries and Administrators
 Scholarship

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

- (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 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 £60 a year.

The conditions for these exhibitions are:

1. The exhibitions will be tenable for one or two years.
2. They will be available during the second and third years of the degree course.

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

Two Sir Edward Stern Scholarships each of the value of £40 (at present supplemented to £100), will be awarded annually in October.

The conditions for these scholarships are:

The scholarships will be awarded on the results of Part I of the B.Sc. (Econ.) examination to students proposing to take a subject of commercial interest, e.g. Industry and Trade, Accounting and Finance, Monetary Economics or appropriate subjects in Economics (Analytical and Descriptive) as the special subject in Part II of the examination.

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

The School has very little to offer in the way of financial assistance and 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 ECONOMICS¹

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 £1,300 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 £250 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.

¹Economics' 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.

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 £1,300 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 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 £250 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 £1,180 together with tuition 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 £250 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.

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 enable the holder to undertake graduate work in the social sciences; the next scholarship may be offered in 1977.

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 £400 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 £250 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 £250 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 £250 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 £1,750 a year together with all appropriate fees.
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 £250 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 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 £250 per annum.
4. The scholarship shall be tenable for one year in the first instance, but may be renewed.
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, 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.¹ 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.² They have at present a basic value for at least 44 weeks' full-time study in a year of £1180 (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 £790. 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 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:

¹Students 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.

²In 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.

Accountancy
 Anthropology
 Demography
 Economics
 Econometrics
 Economic and Social History
 European Studies
³Human Geography

Industrial Relations
 International Relations
 Political Science
 Regional Planning
 Social Psychology
⁴Social Administration
 Sociology
 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.
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

³Excluding Cartography and Physical Geography.

⁴Excluding Option B.

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, of which *ten* copies must be supplied, 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 Principal of the University on or before 1 February in the year of the award.

Note Applicants for the Leon Fellowship should note that ten copies of *all* documents are required, including the scheme of work.

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 £1100.

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 £1,180 a year, plus tuition and registered 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 are either ineligible for, or, for special reasons are not candidates for awards under the national schemes. In special circumstances other candidates of special distinction may be considered.
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 £1,155 in the first year and £1,180 in the second and subsequent years plus tuition and registration fees and, under certain conditions, payment of a grant of £25 for approved initial research expenses, and the payment of 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 £905.

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.

RESEARCH FELLOWSHIPS IN HISTORY

1. The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, WC1E 7HU. The fellowships will be of an annual value of £1,250, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £1,250 a year. In addition, tuition fees in the University of London, incurred by the holders of fellowships for their approved programmes of work, may be defrayed by the University, where these fees have not otherwise been provided for.
2. The fellowships will be awarded to graduates in History of any university. In respect of half of those available preference will be given to graduates in History of the University of London.
3. The fellowships will normally be awarded to postgraduate students who will have completed two years' research on their chosen topic (and not more than four years full-time) at the beginning of the session for which the awards are made. Fellowships will be tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Institute of Historical Research Committee. Fellows are expected to participate in the activities of the Institute and the relation

of candidates' subjects to the work and the resources of the Institute will be taken into account in selecting Fellows.

4. Applications must be made on the prescribed form, which may be obtained from the Secretary of the Institute, and must include the names of two persons to whom reference may be made. Candidates placed on the short list will be required to attend at the Institute for interview.

5. Successful candidates will be required to pursue an approved course of study leading either to a higher degree or to the completion of a research project under supervision. The holder of a fellowship will be required to keep terms at the Institute and to devote his full time to the subject of his research. Leave of absence from London for a limited period for the purpose of research may be given at the discretion of the Committee.

6. The awards will be made by the Institute of Historical Research Committee, acting on behalf of the University Scholarships Committee, subject to confirmation by the Senate.

7. The amounts of the fellowships 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 University of satisfactory reports on the holder's progress and conduct.

8. The awards will be made in May and applications must reach the Director, Institute of Historical Research, Senate House, WC1E 7HU, not later than 1 April.

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 Deputy Academic Registrar, 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. Candidates¹ 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 Computing² 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-

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

²Students 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 £40 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 £40 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 £35 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 £30, one half of which will be awarded in books, 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 at the U.K. rate 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 and Computing,

Mathematics and Philosophy,

Social Anthropology,

Social Psychology,

Sociology

Bachelor of Arts in Geography

Bachelor of Arts in French Studies

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.¹

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

Degree of Bachelor of Science in Economics

Entrance Requirements

The entrance requirements for this degree are set out in the table on page 116.

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.

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

Details of Examination

The examination is divided into two Parts, and a candidate is 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.

Transitional Arrangements

In certain cases a student who began a course for the B.Sc. (Econ.) under the regulations in force before 1972, but then withdrew from the School, may be permitted to continue his course under these regulations. Applications should be addressed to the Registrar.

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	Ec100-a or Ec101-a
	or (b) Economics B	Ec102-a
	or (c) Introduction to Mathematical Economics	Ec104-a
II	(a) Basic Mathematics	MS100-a
	or (b) Elementary Mathematical Methods	MS102-a
	(c) Introduction to Analysis and Set Theory	MS103-a
III	(a) Elements of Statistical Methods	MS201-MS202a
	or (b) Elementary Statistical Theory	MS204-a
	or (c) Quantitative Methods for Economists	Ec103-a, MS200-a
	(d) Introduction to Logic	Ph107a
	(e) Introduction to Scientific Method	Ph100-a, Ph102
	(f) Theory and Techniques of Spatial Analysis	Gy103
IV	(a) Modern Politics and Government, with special reference to Britain	Gv150-a
	or (b) An Introduction to Political Thought: the Greeks	Gv100-a
	(c) The Language of Politics: An Introduction to Political Theory	Gv101a
	(d) English Legal Institutions	L1160-a
	(e) The Structure of International Society	IR100-a
	(f) International Law	L1163-a
V	(a) Social and Economic History of W. Europe, 1300-1700	EH107-a
	or (b) Introduction to Modern English Economic History	EH101-a
	or (c) The Economic History of Great Britain and the U.S.A. 1850-1939	EH100-a
	(d) Political History, 1789-1941	Hy100-a
	or (e) World History since 1890	Hy101-a
	or (f) The History of European Ideas since 1700	Hy102-a
VI	(a) Introduction to Sociology	So100-a
	(b) Introduction to Psychology	Ps100, Ps100b
	(c) Principles of Social Anthropology	An100-a
	(d) Human Geography	Gy100-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 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. A student who fails at the next examination of the outstanding subject will normally not be permitted to continue his course until he has passed in that subject.

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
and Seminars</i> |
|--|---|
| *1. <i>Either</i> (a) Economic Principles
or (b) Principles of Economics Treated Mathematically | Ec108-a
Ec113-a |
| 2. <i>Either</i> (a) Problems of Applied Economics
or (b) Economics Treated Econometrically | Ec109-a
Ec110-a |
| 3. Advanced Economic Analysis | Ec112-a |
| 4. Public Finance | Ec122-a, Ec131(iii) |
| 5 and 6. <i>Two</i> of the following: | |
| (a) History of Economic Thought | Ec111-a |
| *(b) Labour Economics | Ec121-a |
| *(c) Economics of Industry | Ec119-a |
| (d) Economics and Geography of Transport | Ec136-137, Ec179 |
| (e) International Economics | Ec132-a |
| (f) Principles of Monetary Economics | Ec124-126, Ec129 |
| (g) Economic Development | Ec133-b |
| (h) Planning | Ec135-a |
| (i) Economic Institutions Compared | Ec134-a |
| *(j) An approved paper taught outside the department of
Economics | — |
| *7. <i>Either</i> (a) Economic Statistics
or (b) Econometric Methods | MS213-a
Ec114-a |
| *8. An approved paper taught outside the department of
Economics | — |

II. Mathematical Economics and Econometrics

Either

- *1. (a) Principles of Economics Treated Mathematically Ec113-a
- 2. (a) *Either* (i) Advanced Economic Analysis Ec112-a
- or (ii) Public Finance Ec122-a, Ec131(iii)

Or

- *1. (b) Mathematical Economics I (*if Introduction to Mathemati-
cal Economics has been taken at Part I*) Ec116-a
- 2. (b) Mathematical Economics II Ec117-118

Either

- *3. (a) Econometric Methods Ec114-a
- 4. (a) Economics Treated Econometrically Ec110-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
(c) International Economics
(d) Principles of Monetary Economics
(e) Monetary Institutions
(f) Economic Institutions Compared
(g) Labour Economics
(h) Economics of Industry
(i) Economic Development
(j) Planning
(k) History of Economic Thought
(l) Economics and Geography of Transport
(m) 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 (*These should include Elementary Mathematical Methods and Elementary Statistical Theory if not taken at Part I or under 5 and 6 (a). Students offering 1 and 2 (b) should also include Introduction to Analysis and Set Theory or Mathematical Methods if Introduction to Analysis and Set Theory was not taken at Part I or under 5 and 6 (a)*)

III. Monetary Economics

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

- *1. *Either* (a) Economic Principles
or (b) Principles of Economics Treated Mathematically
*2. Applied Economics
3. Principles of Monetary Economics
4. Monetary Institutions
5. *Either* (a) Problems of Applied Economics
or (b) Economics Treated Econometrically
6. *One* of the following:
(a) Advanced Economic Analysis
(b) Public Finance
(c) International Economics
(d) History of Economic Thought
(e) Labour Economics
(f) Economics of Industry
(g) Economic Development
(h) Economic Institutions Compared
(i) Economics and Geography of Transport
(j) An approved paper listed under 7 below
7. *One* of the following (*unless already taken*):
* (a) Basic Mathematics
* (b) Elementary Mathematical Methods
* (c) Mathematical Methods
* (d) Introduction to Analysis and Set Theory
* (e) *Either* (i) Economic Statistics
or (ii) Econometric Methods

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

Lectures, Classes and Seminars

MS214-a
Ec115-a, Ec118

Ec122-a, Ec131(iii)
Ec132-a
Ec124-126, Ec129
Ec126-130
Ec134-a
Ec121-a
Ec119-a
Ec133-b
Ec135-a
Ec111-a
Ec136-137, Ec179

- (f) Accounting—Management and Economic Aspects

* (g) Elementary Statistical Theory

- *8. An approved paper taught outside the department of Economics

IV. Industry and Trade

- *1. *Either* (a) Economic Principles
or (b) Principles of Economics Treated Mathematically
*2. Economics of Industry
3. *Either* (a) Problems of Applied Economics
or (b) Economics Treated Econometrically
4. Theory of Business Decisions
5 and 6. *Two* of the following:
(a) Advanced Economic Analysis
(b) History of Economic Thought
(c) Labour Economics
(d) International Economics
(e) Monetary Institutions
(f) Public Finance
(g) Economic Development
(h) Economics of Commodity Distribution (*not offered in 1976-77*)
(i) Elements of Labour Law
(j) Commercial Law
(k) Accounting—Management and Economic Aspects

* (l) Elementary Statistical Theory (*unless taken at Part I*)

(m) Economic Institutions Compared

(n) Economics and Geography of Transport

* (o) Elementary Mathematical Methods (*unless taken at Part I*)

* (p) Mathematical Methods

* (q) Elements of Management Mathematics

(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
or (b) Econometric Methods

*8. An approved paper taught outside the department of Economics

V. International Trade and Development

- *1. *Either* (a) Economic Principles
or (b) Principles of Economics Treated Mathematically
2. *Either* (a) Problems of Applied Economics
or (b) Economics Treated Econometrically
3. International Economics
4. Economic Development
*5. A Comparative Study of Modern Economic Development in Russia, Japan and India
*6. *Either* (a) Economic Statistics
or (b) Econometric Methods
7. *One* of the following (*unless already taken*):
(a) Economic History of England 1216-1603
(b) Economic History of England 1603-1830

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

Lectures, Classes and Seminars

Ac100-a, Ac105-a,
Ac109
MS204-a

Ec108-a
Ec113-a
Ec119-a
Ec109-a
Ec110-a
Ec120-a

Ec112-a
Ec111-a
Ec121-a
Ec132-a
Ec126-130
Ec122-a, Ec131(iii)
Ec133-b

L1162-a
L1161-a
Ac100-a, Ac105-a,
Ac109

MS204-a

Ec134-a

Ec136-137, Ec179

MS102-a

MS113-a

MS205-a, MS313-a

MS213-a
Ec114a

Ec108-a
Ec113-a
Ec109-a
Ec110-a
Ec132-a
Ec133-b

EH109-a
MS213-a
Ec114-a

EH108-a
EH102-a

	<i>Lectures, Classes and Seminars</i>
(c) Economic History of England from 1815	EH103-a
(d) Economic History of Western Europe from 1815	EH105-a
(e) Economic History of the United States of America from 1783	EH106-a
(f) Economic History of Latin America from Independence to the Present Day	EH110-a
(g) Public Finance	Ec122-a, Ec131(iii)
(h) Economics of Industry	Ec119-a
(i) Advanced Economic Analysis	Ec112-a
(j) History of Economic Thought	Ec111-a
(k) Labour Economics	Ec121-a
(l) Planning	Ec135-a
(m) Economic Institutions Compared	Ec134-a
(n) Economics and Geography of Transport	Ec136-137, Ec179
* (o) Elementary Mathematical Methods (<i>unless taken at Part I</i>)	MS102-a
* (p) Mathematical Methods	MS113-a
* (q) Elementary Statistical Theory (<i>unless taken at Part I</i>)	MS204-a
* (r) Applied Economics	Ec131
*8. An approved paper taught outside the department of Economics	—
VI. Economic Institutions and Planning	
*1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics treated Mathematically	Ec108-a Ec113-a
*2. Economic Institutions Compared	Ec134-a
3. <i>Either</i> (a) Problems of Applied Economics or (b) Economics Treated Econometrically	Ec109-a Ec110-a
4. Planning	Ec135-a
5. <i>Either</i> (a) A Comparative Study of Modern Economic Development in Russia, Japan and India or (b) An approved paper taught in the department of Economics	EH109-a —
6. An approved paper taught in the department of Economics	—
*7. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods	MS213-a Ec114-a
*8. An approved paper taught outside the department of Economics	—
VII. Accounting and Finance	
*1. Accounting and Finance I	} Ac100-108, MS217, MS304
2. Accounting and Finance II	
3. Accounting and Finance III	
4. Commercial Law	L1161-a
*5. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec108-a Ec113-a
6. <i>One</i> of the following: (a) <i>Either</i> (i) Problems of Applied Economics or (ii) Economics Treated Econometrically (b) Economics of Industry (c) Theory of Business Decisions (d) Advanced Economic Analysis (e) History of Economic Thought (f) International Economics (g) Monetary Institutions (h) Public Finance (i) Economic Development (j) Labour Economics	Ec109-a Ec110-a Ec119-a Ec120-a Ec112-a Ec111-a Ec132-a Ec126-130 Ec122-a, Ec131(iii) Ec133-b Ec121-a
7. Candidates who have taken Elementary Statistical Theory or Elements of Statistical Methods or Quantitative Methods for Economists at Part I must choose <i>one</i> of the following:	

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

	<i>Lectures, Classes and Seminars</i>
* (a) Basic Mathematics (<i>unless taken at Part I</i>)	MS100-a
* (b) Operational Research Methods	MS314-315a
* (c) Elementary Mathematical Methods	MS102-a
* (d) Mathematical Methods	MS113-a
* (e) Introduction to Analysis and Set Theory (<i>unless taken at Part I</i>)	MS103-a
* (f) Introduction to Logic (<i>unless taken at Part I</i>)	Ph107, Ph107b
* (g) Introduction to Scientific Method (<i>unless taken at Part I</i>)	Ph100-a, Ph102
* (h) Elements of Management Mathematics	MS205-a, MS313-a
All other candidates must take <i>one</i> of the following:	
* (i) Elementary Statistical Theory	MS204-a
* (j) Elements of Statistical Methods	MS201-202a
* (k) Quantitative Methods for Economists	Ec103-a, MS200-a
*8. An approved paper taught outside the department of Accounting	—
VIII. Economic History	
1 and 2. <i>Two</i> of the following:	
* (a) Economic History of England, 1216-1603	EH108-a
* (b) Economic History of England, 1603-1830	EH102-a
* (c) Economic History of England from 1815	EH103-a
3. <i>One</i> of the following:	
(a) Economic History of Western Europe from 1815	EH105-a
(b) Economic History of the United States of America from 1783	EH106-a
(c) Economic History of Latin America from Independence to the present day	EH110-a
(d) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH109-a
4 and 5. <i>One</i> of the following, in each of which there are two papers:	
(a) Economic and Social History of England, 1377-1485	EH112
(b) Economic and Social History of England, 1660-1714	EH113
(c) Economic and Social History of England, 1830-1886	EH104, EH114
(d) Britain and the International Economy, 1929-1936	EH115
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. <i>One</i> of the following:	
(a) Any paper listed under 1-3 above not already chosen	
(b) British History, <i>either</i> (i) 1399-1603 or (ii) 1603-1750 ¹	Hy202, Hy202b Hy203, Hy203b Hy204, Hy204b
(c) British History, 1750-1914	
(d) Social and Political Structure of Britain in the 19th Century (<i>except for students choosing 4 & 5c</i>)	EH104-a
* (e) An approved paper taught outside the department of Economic History	—
*7. <i>Either</i> (a) Economic Principles or (b) General Economics	Ec108-a Ec107-a
*8. An approved paper taught outside the department of Economic History	—
IX. Government	
1. Political Thought	Gv102-104
2. Comparative Political Institutions	Gv166-a

*May be examined at end of first year of Part II course.
¹ For examination in 1977 the dates will be 1604-1750.

3. Either *(a) Modern British Government	Lectures, Classes and Seminars Gv151-152, Gv155, Gv160-163, Gv216
or (b) History of British Politics in the 20th Century	Gv154-b, Gv201
4. One of the following:	
(a) Political Thought (a selected text)	Gv107
(b) Political Philosophy	Gv103, Gv109-b
* (c) Modern Political Thought: a Study of European Political Thought since 1770	Gv110-b
5 and 6. Two of the following (if not already chosen):	
*(a) Modern British Government	Gv151-152, Gv155, Gv160-163, Gv216
(b) History of British Politics in the 20th Century	Gv154-b, Gv201
(c) Political Thought (a selected text)	Gv107
(d) Political Philosophy	Gv103, Gv109-b
* (e) Modern Political Thought: a Study of European Political Thought since 1770	Gv110-b
* (f) Politics and Government of a Foreign Country	Gv167-a, Gv169-172a, Gv222, IR109, L1164
(g) History of British Politics from the 17th to the 20th Century	Gv153-a, Gv163
* (h) Public Administration	Gv156-157, Gv159-160, Gv164, Gv207, Gv213, Gv216
* (i) Political and Economic Aspects of Public Policy Formation	Gv173
*7 and *8. Two approved papers taught outside the department of Government	—

X. Sociology

*1. Comparative Social Structures	So101-a
*2. Sociological Theory	So102-a
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. <i>The following papers have been approved for this purpose: Elementary Statistical Theory, Elements of Statistical Methods, Quantitative Methods for Economists.</i>	
*7 and *8. Two approved papers taught outside the department of Sociology	—

XI. Statistics

*1. Mathematical Methods	MS113-a
*2. Probability, Distribution Theory and Inference	MS206-207-a
3. Statistical Methods	MS208-210, MS304-a
4. Sample Survey Theory and Methods and Further Statistical Theory	MS210-212a, MS215
5 and 6. Two of the following:	
(a) Actuarial Statistics†	MS217-219a
(b) Statistical Demography	Dm100-101, Dm105-106
(c) Social Statistics	MS216-a

*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.

(d) Econometric Theory	Lectures, Classes and Seminars MS214-a
(e) Applied Econometrics	Ec115-a, Ec118
(f) Mathematical Logic	Ph107, Ph107b, Ph109-110
* (g) Elements of Computer Science	MS302-304a, MS311
(h) Operational Research Methods	MS314-315a
(i) Numerical Methods	MS304-a, MS312-a
(j) An approved mathematics paper	—
(k) 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	MS302-304a, MS311
2. Systems Analysis and Design	MS306-307, MS309-310a
3. Application of Computers	—
4. One of the following:	
* (a) Numerical Methods	MS304-a, MS312-a
(b) Operational Research Methods	MS314-315a
(c) Accounting—Management and Economic Aspects	Ac100-a, Ac105-a, Ac109
(d) Theory of Business Decisions	Ec120-a
* (e) Economics of Industry	Ec119-a
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	MS206-207a
(c) Social Statistics	MS216-a
(d) Statistical Demography	Dm100-101, Dm105-6
* (e) Elementary Statistical Theory (if not taken at Part I)	MS204-a
(f) Econometric Theory	MS214-a
* (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	Hy116-117
2. International Politics	IR101-a, IR105, IR107, IR120-122
3. Foreign Policy Analysis	IR102-104
*4. International Institutions ¹	IR111-115a
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)	L1163, L1163b
(b) Sociology of International Law	IR130-a
(c) Theories of International Politics	IR117-118
(d) The Politics of International Economic Relations	IR123-a
(e) Strategic Studies	IR125-126, IR128-129
(f) International History (Special Period) chosen from the following:	
(i) International Socialism and the Problem of War, 1870-1914	Hy123-a
or (ii) Great Britain and the Peace Conference of 1919	Hy129

*May be examined at end of first year of Part II course.
¹ From October 1977 this will be a two year course.

	<i>Lectures, Classes and Seminars</i>
or (iii) The Manchurian Crisis, 1931-1933	Hy130
or (iv) The League of Nations in Decline, March 1933- December 1937	Hy131
(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	
*1. Kinship and Social Organization	An200-a
*2. Economic and Political Systems of Primitive and Peasant Societies	An201-a
3. Moral and Ritual Systems	An300-a
4. History and Theory of Social Anthropology	An303-a
5. Ethnography of an approved special area	An301-a
*6. One of the following:	
(a) Economic Principles	Ec108-a
(b) General Economics	Ec107-a
(c) Sociological Theory	So102-a
(d) Elements of Demographic Analysis	Dm102-104a
(e) Introduction to Logic (<i>unless taken at Part I</i>)	Ph107, Ph107b
(f) Introduction to Scientific Method (<i>unless taken at Part I</i>)	Ph100-a, Ph102
(g) An approved paper in Psychology ¹	Ps100, Ps100b or Ps106, Ps106b
7 and 8. Two of the following:	
(a) (i) Social Aspects of Political and Economic Development or (ii) Primitive Art ²	An304-a
* <i>(b) Either one or two approved papers taught outside the department of Anthropology</i>	—
XV. International History	
1. International History, 1494-1815	Hy111-a
2. International History, 1815-1914	Hy115-a
3. International History since 1914	Hy116-117
4. One of the following:	
(a) William III and Louis XIV, 1698-1702	Hy126
(b) The Great Powers and Egypt, 1882-1888	Hy127
(c) The Great Powers and the Balkans, 1908-1914	Hy128
(d) Great Britain and the Peace Conference of 1919	Hy129
(e) The Manchurian Crisis, 1931-1933	Hy130
(f) The League of Nations in Decline, March 1933-December 1937	Hy131
5 and 6. Two of the following:	
(a) War and Society, 1600-1815	Hy118-a
(b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy122-a
(c) British-American-Russian Relations, 1815-1914	Hy120
(d) The Mediterranean in International Politics, 1815-1914	Hy119-a
(e) The Baltic in International Politics since 1815	Hy121-a
(f) International Socialism and the Problem of War, 1870-1918	Hy123-a
(g) Fascism and National Socialism in International Politics, 1922-1939	Hy125-a
(h) The Great Powers and the Near and Middle East, 1898-1956	Hy124-a

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

¹Either Introduction to Psychology, or, if already taken, Social Psychology.

*Not available in 1976-77.

	<i>Lectures, Classes and Seminars</i>
7 and 8. Two approved papers taught outside the department of International History of which at least <i>one</i> must be from the following list:	
* <i>(a) General Economics</i>	Ec107-a
<i>(b) Economic History of England, 1603-1830</i>	EH102-a
<i>(c) Economic History of England from 1815</i>	EH103-a
<i>(d) Economic History of the United States of America from 1783</i>	EH106-a
<i>(e) Economic History of Latin America from Independence to the present day</i>	EH110-a
<i>(f) Economic History of Western Europe from 1815</i>	EH105-a
<i>(g) Political Thought</i>	Gv102-104
or * <i>(h) Modern Political Thought</i>	Gv110-b
<i>(i) History of British Politics in the Twentieth Century</i>	Gv154-b, Gv201
or * <i>(j) Modern British Government</i>	Gv151-2, Gv155, Gv160-163, Gv216
<i>(k) History of British Politics from the Seventeenth to the Twentieth Century</i>	Gv153-a, Gv163
<i>(l) Politics and Government of a Foreign Country</i>	Gv167-a, Gv169- 172a, Gv222, IR109, L1164
* <i>(m) International Politics</i>	IR101-a, IR105, IR107
* <i>(n) International Institutions</i>	IR111-115a
* <i>(o) International Law (unless taken at Part I)</i>	L1163, L1163b
* <i>(p) Politics of International Economic Relations</i>	IR123-a
<i>(q) An Approved Modern Foreign Language</i>	Ln215-218, Ln303- 305, Ln401-402, Ln404-405, Ln507-508, Ln510- 511
XVI. Geography	
*1, 2 and 3. Three of the following:	
<i>(a) Economic Geography</i>	Gy207-a
<i>(b) Either (i) Theory and Techniques of Spatial Analysis (unless taken at Part I)</i>	Gy103
<i>or (ii) Applied Spatial Analysis</i>	Gy200-201
<i>(c) Urban and Social Geography</i>	Gy208-209
<i>(d) Man and his Physical Environment</i>	Gy206
4 and 5. Two of the following:	
<i>(a) Advanced Economic Geography</i>	Gy305-307a
<i>(b) Urban and Regional Systems</i>	Gy309
<i>(c) Advanced Social Geography</i>	Gy308
<i>(d) An independent Geographical Study</i>	—
6. One of the following:	
<i>(a) Historical Geography</i>	Gy211-a or Gy310-a
<i>(b) Political Geography</i>	Gy212
<i>(c) An approved Regional Study</i>	Gy213-217, Gy314- 321
<i>(d) Any paper under 4 and 5 above not already taken</i>	
<i>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.</i>	—
*7 and *8. Two approved papers taught outside the department of Geography.	—

*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 and Computing
Mathematics and Philosophy
Social Anthropology
Social Psychology
Sociology

B.A. Degree

Geography
French Studies

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>
First Year			
1. Physical Geography	1	420/0111	Gy101
2. Human Geography	1	420/0113	Gy102
3. Theory and Techniques of Spatial Analysis	1	420/0114	Gy103
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	
Second Year			
<i>3 or 4 course units to be chosen from:—</i>			
British Isles	1	420/0205	Gy213
Economic Geography	1	420/0206	Gy207-a
Man and his Physical Environment	1	420/0466	Gy206
Advanced Quantitative Geography	$\frac{1}{2}$	420/0207	Gy201
Applied Spatial Analysis	1	420/0204	Gy200-201
Urban Geography	$\frac{1}{2}$	420/0395	Gy209
Social Geography	$\frac{1}{2}$	420/0497	Gy208
Historical Geography: British Isles	$\frac{1}{2}$	420/0485	Gy211-a
General Political Geography	$\frac{1}{2}$	420/0493	Gy212
Biogeography I	$\frac{1}{2}$	420/0475	Gy204
Advanced Geomorphology I	1	420/0260	Gy203
Meteorology & Climatology	1	420/0266	Gy205
Elements of Surveying, and Map Projections	$\frac{1}{2}$	420/0112	—
Population Geography	$\frac{1}{2}$	420/0208	Gy210
Soil Science	$\frac{1}{2}$	420/0452	Gy304
Advanced Cartography	$\frac{1}{2}$	420/0456	Gy202
<i>Courses up to the value of 1 unit from the following list:—</i>			
Africa I	$\frac{1}{2}$	420/0441	Gy215
Europe I	$\frac{1}{2}$	420/0417	Gy214-a
Latin America I	$\frac{1}{2}$	420/0425	Gy217
North America I	$\frac{1}{2}$	420/0421	Gy216-a
North America II (*420/0421)	$\frac{1}{2}$	420/0322	Gy318-a
<i>Courses to the value of 1 unit chosen from the list outside Geography</i>			
	1		

*Recommended Preliminary Course

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 19-23 inclusive.

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
First Year			
1. Introduction to Analysis and Set Theory	1	550/0003	MS103-a
2. Introduction to Algebra	1	550/0020	MS101-a
3. Elementary Mathematical Methods	1	550/0021	MS102-a
4. Elementary Statistical Theory	1	790/0001	MS204-a
5. Introduction to Computing and Systems Design	1	295/0003	MS301-302, MS306-a, MS308
6. Introduction to Logic	1	500/0002	Ph107-a
7. Introduction to Mathematical Economics	1	340/0006	Ec104-a
8. At most <i>one</i> course from the following:			
(a) Modern Politics and Government, with special reference to Britain	1	340/0018	Gv150-a
(b) Economic History of Great Britain and the U.S.A., 1850-1939	1	340/0008	EH100-a
(c) Political History, 1789-1941	1	480/0008	Hy100-a
(d) Introduction to Psychology	1	720/0002	Ps100, Ps100b
(e) Introduction to Human Geography	1	420/0004	Gy100-a
Second and Third Years			
9. Further Analysis (<i>to follow course 1</i>)	1	550/0022	MS104-a
10. Further Algebra (<i>to follow course 2</i>)	1	550/0023	MS105-a
11. Mathematical Methods (<i>to follow course 3</i>)	1	550/0012	MS113-a
12. Probability, Distribution Theory and Inference (<i>to follow course 4</i>)	1	790/0003	MS206-207-a
13. Statistical Methods (two-year course)	1	790/0007	MS208-210 MS304-a
14. Sample Survey Theory and Methods and Further Statistical Theory	1	790/0009	MS210-212a, MS215
15. Elements of Computer Science	1	295/0001	MS302-304a, MS311
16. Systems Analysis and Design (<i>to follow course 15</i>)	1	295/0004	MS306-307, MS309-310a
17. Applications of Computers (<i>to follow course 15</i>)	1	295/0005	—
18. Numerical Methods	1	295/0002	MS304-a, MS312-a
19. Mathematical Probability	1	550/0027	MS109-a
20. Games, Decisions and Gambling	1	550/0024	MS106-a
21. Abstract Mathematics in Social Science	1	550/0025	MS107-a
22. Mathematical Logic (<i>to follow course 6</i>)	1	550/0015	Ph109-110
23. Further Mathematical Logic (<i>to follow course 22</i>)	1	550/0028	MS110-a
Additional Options			
Great Ideas in Mathematics and Science	1	550/0026	MS108-a
Actuarial Science (two-year course)	1	790/0008	MS217-219a
Operational Research Methods	1	340/0016	MS314-315a

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
Social Statistics	1	790/0010	MS216-a
Statistical Demography (two-year course)	1	790/0820	Dm100-101, Dm105-106
Mathematical Economics I (<i>to follow course 7</i>)	1	340/0012	Ec116-a
Mathematical Economics II (two-year course)	1	340/0013	Ec117-118
Econometric Theory (two-year course)	1	340/0011	MS214-a
Applied Econometrics (two-year course)	1	340/0014	Ec115-a, Ec118

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	—
1	780/2301	So109-a
1	340/0019	Ec107-a
1	775/0005	SA101, SA104, SA106a
1	420/0204	Gy200-201
1	420/0396	Gy309
—	—	—

Applied Spatial Analysis
Urban and Regional Systems (*Applied Spatial Analysis is a prerequisite*)

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 School itself offers one such course in Mathematics, namely:

Algebra	$\frac{1}{2}$	550/0029	MS112-a
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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	$\frac{1}{2}$

3 Mathematics and Philosophy

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

3.2 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.

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Introduction to Analysis and Set Theory	1	550/0003	MS103-a
2. Introduction to Algebra	1	550/0020	MS101-a
3. Introduction to Logic	1	500/0002	MS107-a
4. Introduction to Scientific Method	1	500/0003	Ph100-a, Ph102
Second and Third Years			
5. Further Analysis	1	550/0022	MS104-a
6. Further Algebra	1	550/0023	MS105-a
7. Mathematical Methods	1	550/0012	MS113-a
8. Mathematical Probability	1	550/0027	MS109-a
9. Games, Decisions and Gambling	1	550/0024	MS106-a
10. Abstract Mathematics in Social Science	1	550/0025	MS107-a
11. Mathematical Logic	1	550/0015	Ph109-110, Ph126
12. Further Mathematical Logic	1	550/0028	MS110-a
13. Great Ideas in Mathematics and Science	1	550/0026	MS108-a
14. History of Modern Philosophy, Bacon to Kant	1	500/0004	Ph104-a
15. The Rise of Modern Science, Copernicus to Newton	1	500/0005	Ph106-a
16. Epistemology and Metaphysics	1	500/0006	Ph105, Ph124
17. Scientific Method	1	500/0007	Ph101, Ph103, Ph105, Ph108-a, Ph125
18. Either (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.)	—
or (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.

4 Social Anthropology

4.1 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.

4.2 There will be no exemption from first-year courses.

4.3 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.

4.4 A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Introduction to Social Anthropology	1	180/0037	An100-a
2. Race and Culture	1	180/0036	An101-a
3. Elementary Ethnography	1	180/0403	An102-a

168 *First Degree Courses*

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
Second Year			
1. Studies of Kinship	1	180/0404	An200-a
2. Political and Economic Institutions	1	180/0401	An201-a
3. One of the following:			
(a) Statistical and Survey Methods of Social Investigation	1	790/0040	MS201-202a
(b) Economics A	1	340/0010	Ec100-a
(c) Comparative Social Structures	1	780/1102	So101-a
(d) Sociological Theory	1	780/1201	So102-a
(e) Introduction to Psychology	1	720/0002	Ps100, Ps100b
(f) Psychological Aspects of the Study of Society (<i>Course 720/0002 or the consent of the Convenor of the Psychology Department is required</i>)	1	720/0407	Ps106, Ps106b
(g) Psychology of Personality, Motivation and Development (<i>Course 720/0002 is normally a prerequisite</i>)	1	720/0205	Ps111-112a
(h) Introduction to Scientific Method	1	500/0003	Ph100-a, Ph102
(i) Law and Dispute Settlement in Pre-literate Societies	1	520/0003	L1122-a
Third Year			
1. Magic and Religion	1	180/0408	An300-a
2. Advanced Theory of Social Anthropology	1	180/0411	An303-a
3. One of the following:			
(a) Advanced Ethnography	1	180/0409	An301-a
(b) Anthropological Linguistics	1	180/0410	An302-a
(c) Primitive Art ¹	1	180/0412	—
(d) Social Aspects of Political and Economic Development	1	180/0414	An304-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	—

5 Social Psychology

5.1 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.

5.2 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.

5.3 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.

5.4 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.

5.5 A candidate is required to take the following courses:

¹Not available in 1976-77.

169 *First Degree Courses*

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Fundamental Approaches to the Study of Behaviour	1	720/0104	Ps104
2. Introduction to General and Social Psychology	1	720/0101	Ps100-a, Ps101
3. Foundations of Experimental Psychology	1	720/0103	MS202-a, Ps103
4. Courses in other disciplines: (See List C below)	1	—	—
Second Year			
1. Psychology of Personality, Motivation and Development	1	720/0205	Ps111-112a
2. Psychology of Perception and Skill	$\frac{1}{2}$	720/0206	Ps110-a
3. Social Psychology: Attitudes and Cognition	$\frac{1}{2}$	720/0203	Ps106-a
4. Methods and Assumptions of Social Psychological Research	$\frac{1}{2}$	720/0204	Ps107-108a
5. Psychology of Learning, Remembering and Thinking	$\frac{1}{2}$	720/0202	Ps109a
6. Courses in other disciplines: (See List C below)	1	—	—
Third Year			
1. Advanced Social Psychology	1	720/0301	Ps114
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.			
List A			
(a) Child Development II	$\frac{1}{2}$	720/0303	Ps115
(b) Information Processing ¹	$\frac{1}{2}$	720/0304	—
(c) Personality and Motivation II	$\frac{1}{2}$	720/0305	Ps116
(d) Psycholinguistics	$\frac{1}{2}$	720/0306	Ps151
List B			
(a) Communications and Attitude Change	$\frac{1}{2}$	720/0307	Ps117, Ps150
(b) Groups and Group Functioning ¹	$\frac{1}{2}$	720/0308	—
(c) Social Psychology of Conflict	$\frac{1}{2}$	720/0309	Ps156
(d) Applications of Social Psychology	$\frac{1}{2}$	720/0310	Ps160

List C: Courses in other disciplines

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Anthropology				
Introduction to Social Anthropology	1	180/0037	1 or 2	An100-a
Elementary Ethnography	1	180/0403	1 or 2	An102-a
Studies of Kinship (<i>Course 180/0037 is a prerequisite</i>)	1	180/0404	2	An200-a
Economics				
Economics A	1	340/0010	1 or 2	Ec100-a
Geography				
Introduction to Human Geography	1	420/0004	1 or 2	Gy100-a
Linguistics				
Elementary Linguistics	1	290/0002	1 or 2	Ln100, Ln100b

¹ Not available in 1976-77.

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Philosophy				
Introduction to Scientific Method	1	500/0003	1 or 2	Ph100-a, Ph102
Introduction to Logic	1	500/0002	1 or 2	Ph107-a
Social Administration				
Social Policy	1	775/0005	1 or 2	SA101, SA104, SA106a
Sociology				
Introduction to Sociology	1	780/1101	1 or 2	So100-a
The Social Structure of Modern Britain	1	780/2301	1 or 2	So109-a
Social and Moral Philosophy	1	780/2507	1 or 2	So104-a
Industrial Sociology (<i>Course 780/1101 is a prerequisite</i>)	1	780/2604	2	So116-a
Criminology (<i>Course 780/1101 is a prerequisite</i>)	1	780/2601	2	So118-a
Political Sociology (<i>Course 780/1101 is a prerequisite</i>)	1	780/2603	2	So114-a
Demography				
Elements of Demographic Analysis	1	780/0001	2	Dm102-104a
Mathematics				
Basic Mathematics (Introductory)	1	550/0016	1 or 2	MS100-a
Other courses may be approved by the department.				

6 Sociology

- 6.1 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.
- 6.2 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.
- 6.3 A candidate may take up to four course units in courses outside Sociology.
- 6.4 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.
- 6.5 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.
- 6.6 A candidate is required to take the following courses:

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Introduction to Sociology	1	780/1101	So100-a
2. Methods of Social Research	1	790/1401	MS200-a, MS201, So103
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	—	—	—
Second Year			
1. Comparative Social Structures	1	780/1102	So101-a
2. Sociological Theory	1	780/1201	So102-a
Courses to the value of at least one unit from List A and/or List B	1	—	—

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Third Year				
1, 2 and 3. Courses to the value of at least three units from List A and/or List B	3	—	—	—
Optional Courses				
List A: Courses in Sociology	Value in Course Units	Course Registration Number	Normally 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	So104-a
Ideologies: the Sociology of Belief Systems	1	780/2508	2 or 3	So105-a
The Social Structure of Modern Britain	1	780/2301	2 or 3	So109-a
The Social Structure of the Soviet Union ¹	1	780/2304	2 or 3	So110-a
The Development of Modern Japanese Society	1	780/2306	2 or 3	So111-a
Political Sociology	1	780/2603	2 or 3	So114-a
Political Processes and Social Change	1	780/2202	2 or 3	So115-a
Industrial Sociology	1	780/2604	2 or 3	So116-a
Sociology of Religion ¹	1	780/2605	2 or 3	So113-a
Elements of Demographic Analysis	1	780/0001	2 or 3	Dm102-104a
Industrialisation and Theories of Social Change	1	780/2201	2 or 3	So112-a
Criminology	1	780/2601	2 or 3	So118-a
Sociology of Deviant Behaviour	1	780/2602	3 or 3	So119-a
Society and Literature	1	780/2610	2 or 3	So107-a
Sociology of Knowledge and Science	1	780/2609	2 or 3	So106-a
Sociology of Sex and Gender Roles: Women in Society	1	780/2608	2 or 3	So117-a
Race Relations and Minority Groups	1	780/2203	2 or 3	SA122-a
List B: Courses outside Sociology				
Anthropology				
Introduction to Social Anthropology	1	180/0037	1, 2 or 3	An100-a
Studies of Kinship (Course 180/0037 is a prerequisite)	1	180/0404	2	An200-a
Political and Economic Institutions (Course 180/0037 is a prerequisite)	1	180/0401	2	An201-a
Magic and Religion (Course 180/0037 is a prerequisite)	1	180/0408	3	An300-a
Primitive Art ¹ (Course 180/0037 is a prerequisite)	1	180/0412	3	—
Economics				
Economics A	1	340/0010	1, 2 or 3	Ec100-a
Geography				
Introduction to Human Geography	1	420/0004	1, 2 or 3	Gy100-a
Government				
Modern Politics and Government with special reference to Britain	1	340/0018	1, 2 or 3	Gv150-a
History				
Economic History of Great Britain and the U.S.A. 1850-1939	1	340/0008	1, 2 or 3	EH100-a
The Social and Political Structure of Britain in the 19th Century	1	340/0021	1, 2 or 3	EH104-a

¹Not available in the session 1976-77.

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Industrial Relations				
Industrial Relations	1	340/0022	1, 2 or 3	Id104, Id104b
Law				
English Legal Institutions	1	520/0001	1, 2 or 3	L1160-a
Linguistics				
Elementary Linguistics	1	290/0002	1, 2 or 3	Ln100, Ln100b
Sociolinguistics: Language and the Community (290/0002 is a prerequisite)	1	290/0003	2 or 3	Ln108
Philosophy				
Introduction to Logic	1	500/0002	1, 2 or 3	Ph107-a
Introduction to Scientific Method	1	500/0003	1, 2 or 3	Ph100-a, Ph102
Social Administration				
Social Policy	1	775/0005	1, 2 or 3	SA101, SA104, SA106a
Social Psychology				
Introduction to Psychology	1	720/0002	1, 2 or 3	Ps100, Ps100b
Psychological Aspects of the Study of Society (Course 720/0002 is normally a prerequisite)	1	720/0407	2 or 3	Ps106, Ps106b

7 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
First Year			
1. Translation from and into French I	$\frac{1}{2}$	750/0003	—
2. <i>Either</i> (a) An outline of the history of ideas in France in the 17th and 18th Centuries	$\frac{1}{2}$	750/0016	—
<i>or</i> (b) An outline of 17th and 18th Century French Literature	$\frac{1}{2}$	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	—	—

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
Second Year			
4. <i>Either</i> (a) The French language in the 20th Century	1	750/0021	By arrangement with the teachers concerned
or (b) The History of the French Language	1	750/0022	
5. <i>Either</i> (a) History of Ideas in France in the 19th Century	$\frac{1}{2}$	750/0018	
or (b) French Literature in the 19th Century	$\frac{1}{2}$	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	
or Spanish I	1	750/0100	
or Russian I	1	770/0001	
(b) <i>either</i> German II	1	450/0005	
or Spanish II	1	750/0102	
or 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	—	
Third Year			
9. Translations from and into French II	1	750/0014	
10. Oral examination	$\frac{1}{2}$	750/0013	
11. <i>Either</i> (a) History of Ideas in France in the 20th Century	1	750/0012	
or (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) 20th Century French Drama	1	750/0009	
13. <i>Either</i> (a) The Economic History of Western Europe from 1815	1		
or (b) The literature of revolutions in France in the 19th and 20th Centuries*	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) The literature of revolutions in France in the 19th and 20th Centuries*	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 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
First Year			
1. The Development of Ideas and Literature in France in the 17th and 18th Centuries	1	750/0030	
2 and 3. <i>Two</i> of the following:			
(a) History of European Ideas since 1700	1	480/0013	
(b) Political History, 1789-1941	1	340/0008	
(c) The Language of Politics: An Introduction to Political Theory	1	340/0025	
(d) The Structure of International Society	1	340/0026	
4. Any other subject taught in the B.Sc. (Econ.) or Course-unit degree at the School†	1		
Second Year			
5. The Development of Modern French	1		
6. <i>Either</i> (a) The History of Ideas in France in the 19th and 20th Centuries	1		
or (b) The History of Literature in France in the 19th and 20th Centuries	1		
7. The Politics and Government of France	1		
8. <i>One</i> of the following:			
(a) The Economic History of Western Europe from 1815	1		
(b) The International Political System	1		
(c) The Politics of Western European Integration	1		
(d) Foreign Policy Analysis, with particular reference to Western Europe	1		
(e) <i>Either</i> (i) An approved modern foreign language other than French	1		
or (ii) Elementary Linguistics	1	290/0002	
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</i> of the following:			
(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.

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

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:

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
1. Introduction to Logic	1	500/0002	1	Ph107-a
2. Introduction to Scientific Method	1	500/0003	1	Ph100-a, Ph102
3. History of Modern Philosophy, Bacon to Kant	1	500/0004	2 and 3	Ph104-a
4. The Rise of Modern Science, Copernicus to Newton	1	500/0005	2 and 3	Ph106-a
5. Epistemology and Metaphysics	1	500/0006	2 and 3	Ph105, Ph124
6. Scientific Method	1	500/0007	2 and 3	Ph101, Ph103, Ph105, Ph108-a, Ph125
7. <i>Either</i> Logic	1		2	Ph107, Ph107b- Ph108a, Ph126
<i>or</i> Mathematical Logic	1	550/0015	2 and 3	Ph109-110
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	550/0018 (Maths.) 500/008 (Stats.)		
<i>or</i> an Essay written under examination conditions on a Philosophical topic	1	550/0019 (Maths.) 500/0009 (Stats.)		

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 116.

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
2. Economics and Statistics

Lectures, Classes
and Seminars
SA108-109a,
SA118(iii)

Ec101, MS201,
MS202-a, SA107,
SA113b, SA114a
SA101-102, SA108

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:

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
- *2. Social Economics

SA104, SA107-a
Ec105, Ec107,
SA113c

- *3. Social Structure
- *4. Social Investigation
5. Social Policy

SA118(ii), So109
SA114, SA114b-c
SA103-b

6. Social and Political Theory

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 | SA121-b |
| (b) Race Relations and Minority Groups | SA122-b |
| (c) Personal Social Services | SA123-b |
| (d) Social Policy of Developing Countries
(not available session 1976-77) | — |
| (e) Housing and Urban Structure | SA125-b |
| (f) Health Administration | SA126-b |
| (g) Law and Social Policy | — |
| (h) Social Theory and Social Policy 1870-1918 | SA127a-b |
| (i) General and Social Psychology | Ps100, Ps101, Ps113,
SA115, SA116-
117(i) |
| (j) Industrial Sociology
(This paper will be examined for the last time in 1978) | So116-a |
| (k) Sociology of Deviance
(This paper will be examined for the last time in 1978) | So119, SA128a-b |
| (l) Penology
(This paper will be examined for the last time in 1978) | — |
| (m) The Family in Law and in Society | — |
| (n) Demography
(This paper will be examined for the last time in 1978) | — |
| (o) Sociology of Education
(This paper will be examined for the last time in 1978) | — |
| (p) Political Sociology | — |
| (q) Interpersonal Relations
(This paper will be examined for the last time in 1977) | — |
| (r) Values and Society | — |
| (s) Urban and Regional Economics | — |
| (t) Parliament, Policy-making and the Legislative Process | — |
| (u) Sociology of Religion
(This paper will be examined for the last time in 1977) | — |
| (v) British Social History in the 19th and 20th Centuries | — |
| (w) The Sociology of Medicine | — |
| (x) Sociology of Deviance and Control | — |
| (y) Population Studies | — |
| (z) The Sociology of Sex and Gender Roles: Women in Society | So117-a |

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 the sixth term of the course.

Lectures, Classes
and Seminars
Gv110, SA119a-b,
So102

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 186).

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 | L1100-a |
| b) Law of Contract | L1101-a |
| c) Law of Property I | L1102-a |
| d) English Legal System | L1103-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 Law of Tort and in Criminal Law and in other courses to the value of two subjects selected from the following lists:

- | | |
|--|---|
| | <i>Lectures, Classes and
Seminars</i> |
| (i) (a) Property II | L1110-a |
| (b) Law of Evidence | L1111-a |
| (c) History of English Law
(not available at present) | — |
| (d) Public International Law | L1112-a |
| (e) Labour Law | L1115-a |

	<i>Lectures, Classes and Seminars</i>
(f) Domestic Relations	L1116-a, L1224
(g) Administrative Law, with special reference to Local Government (Essay)	L1118-a
(h) International Protection of Human Rights	L1119-a
(i) Basic Principles of the Soviet and Yugoslav Legal Systems	L1120-a
(j) Legislation (Essay)	L1121
(k) Law and Dispute Settlement in Pre-literate Societies	L1122-a
(l) Introduction to European Law	L1123
(m) The Law Relating to Land Use and the Environment (not available at present)	—
(n) Legal and Social Change since 1750	L1124
(ii) (a) Public Law II	L1140
(b) Sentencing and Treatment of Offenders	L1141-a
(c) Law Relating to Civil Liberties	L1142
(d) Legal Services to the Community (Essay)	L1143
(e) Social Security	L1144
(f) Law of Landlord and Tenant	L1145
(g) Race, Nationality and the Law	L1146
(h) Sociological Theory and the Idea of Law	L1147

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 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 Jurisprudence. 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	L1110-a
(b) Law of Evidence	L1111-a
(c) History of English Law (not available at present)	—
(d) Public International Law	L1112-a
(e) Conflict of Laws	L1113-a
(f) Mercantile Law	L1114-a
(g) Labour Law	L1115-a
(h) Domestic Relations	L1116-a, L1224
(i) Administration of Estates and Trusts (not available after session 1976/7)	—
(j) Law of Business Associations	L1117-a
(k) Administrative Law, with special reference to Local Government (Essay)	L1118-a
(l) International Protection of Human Rights	L1119-a
(m) Basic Principles of the Soviet and Yugoslav Legal Systems	L1120-a
(n) Legislation (Essay)	L1121
(o) Law and Dispute Settlement in Pre-literate Societies	L1122-a
(p) An Introduction to European Law	L1123
(q) The Law relating to Land Use and the Environment (not available at present)	—
(r) Legal and Social Change since 1750	L1124
(ii)	L1140
(a) Public Law II	L1140
(b) Sentencing and Treatment of Offenders	L1141-a
(c) Law Relating to Civil Liberties	L1142
(d) Legal Services to the Community (Essay)	L1143
(e) Social Security	L1144
(f) Law of Landlord and Tenant	L1145
(g) Race, Nationality and the Law	L1146
(h) Sociological Theory and the Idea of Law	L1147

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

Lectures, Classes and Seminars

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: *the School offers teaching for all of the papers*

- | | |
|---|----------------------|
| A1. British History down to the end of the 14th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically | Hy200-201 |
| 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 | Hy200, Hy202-203 |
| 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 | Hy200, Hy204 |
| B1. European History from 400 to 1200 | Hy205 |
| B2. European History from 1200 to 1500 | Hy206 |
| B3. European History from 1500 to 1800 | Hy111, Hy207 |
| B4. European History from 1800 | Hy100, Hy115, Hy208, |

Group C: *the School offers teaching for those papers indicated. Teaching for the remainder is available in other Schools and Colleges of the University*

- | | |
|--|------------------------------|
| C1. History of Political Ideas. The paper will be divided into three sections: | |
| (a) European | Gv100, Gv102, Hy102
Hy210 |
| (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 only be selected 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 | — |

Lectures, Classes
and Seminars

- 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
6. An Optional Subject: *the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University*
- 7 and 8. A Special Subject: *the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University*

—

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Hy101, Hy209

Hy116-117, Hy211-212

Hy213-215

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 the School is required to certify that candidates have been examined by a paper containing passages for translation into English from a language or languages required by the School and appropriate to Branch II, and that they may be allowed to proceed to the final examination. No candidate will be admitted to the final examination without this certificate. Candidates will be permitted to bring dictionaries for use in the college-based language examination. This examination will take place during the course of study.

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, Chartered Accountants Hall, Moorgate Place, EC2R 6EQ.

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.

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

Students who have obtained the B.Sc. Mathematics degree, or the B.Sc. (Econ.) degree with Elementary Mathematical Methods in Part I and Statistics in Part II with Actuarial Statistics as an optional subject *may* be granted exemption from certain papers in the examinations of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars may be obtained from The Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

Students intending to enter the actuarial profession are advised to communicate with the Institute at an early stage in the degree course.

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:
 - (a) One-year Course for Graduates
 - (b) Two-year Course for Non-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 | Ec133, Ec187,
SA170-171,
SA173-174 |
| (2) Two of the following: | |
| (i) Problems of Health and Disease | SA153, SA175 |
| (ii) Planning of Welfare Services | SA176 |
| (iii) Planning Community Development | SA177 |
| (iv) Social and Economic Aspects of the Housing System | SA125, SA178 |
| (v) Social Implications of Education* | — |

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.

*Not available in 1976/77.

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) Diplomas in Social Administration

The School offers courses of study for full-time day students leading to a Diploma in Social Administration. The courses are 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.

Diploma for Graduate Students

The full-time course for the Diploma for graduate students covers one academic year. Candidates are required to undertake a minimum of twelve weeks' full-time field work as an integral part of the course, six weeks of which must be done before the beginning of the Michaelmas term and six weeks during the Easter vacation.

Candidates are required to take one paper in each of the following subjects:

Lectures, Classes and Seminars
U.K.*

- | | |
|--|--|
| 1. Social Policy and Administration I | } SA101, SA104-SA106b, SA110-111 |
| 2. Social Policy and Administration II | |
| 3. Psychology, Social Structure and Economics I | } Ec105, SA108, SA113-a, SA115,
SA117(ii), SA118(i) |
| 4. Psychology, Social Structure and Economics II | |

*Special arrangements will be made for overseas students.

Candidates are required to pass in all of these subjects, and, in addition, they must reach the required standard in their field work.

Applicants for admission to the course for the Diploma in Social Administration for graduate students must have attained the age of 21 by 1 October in the year for which they seek admission and they must be graduates of a university.

Admission for British graduates 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;
- and (b) he shall be a graduate of a university.

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) Social Policy and Administration I
- (ii) Social Policy and Administration II
- (iii) Psychology, Social Structure and Economics I
- (iv) Psychology, Social Structure and Economics II

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 papers (i) and (iii).

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.

Diploma for Non-Graduate Students

(No new admissions will be made to this course after October 1975).

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 20 years on or before 1 October of the calendar year in which he is admitted;

and (b) he shall, since leaving school, have completed to the satisfaction of the convener of the department of Social Science and Administration (hereinafter in these regulations referred to as the convener of the department) a period of employment or other suitable experience of approximately one year's duration.

3. The prescribed course of study shall be of two academic years' duration.

4. A candidate will be required to undertake sixteen weeks' full-time field work during vacations as an integral part of the course.

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) Social Policy and Administration I

(ii) Social Policy and Administration II

(iii) Psychology, Social Structure and Economics I

(iv) Psychology, Social Structure and Economics II.

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 papers (i) and (iii).

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 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 or 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
- ii Training and Development
- iii Industrial Relations and Law

Lectures, Classes and Seminars
SA200-SA200(a)
SA201-SA201(a)
Id104, Id115, L1162, Ec106

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 International 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	MS269-a
2. Statistical Methods and Inference	MS207-a, MS210, MS269-a
3. <i>Either</i> (i) Elementary Mathematical Methods	MS102-a
<i>or</i> (ii) Mathematical Methods	MS113-a
4. Social Statistics and Survey Methodology	MS210-211, MS215-216(i)a
5. Statistical Demography	Dm100-101, Dm105-106
6. Operational Research Methods	MS314-315a

Reference Nos. of Courses

7. <i>Either</i> (i) Econometric Theory	MS214-a
<i>or</i> (ii) Econometric Methods	Ec114-a
8. One of the following:	
(i) Elements of Computer Science	MS302-304a, MS311
(ii) Numerical Methods	MS304-a, MS312-a
(iii) Any other paper approved by the candidate's teachers.	—

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. Computers in Information Processing Systems
- ii. *Either* (a) Elements of Management Mathematics
or (b) Operational Research I
- iii. Organisational Theory and Practice
- iv. Information Systems Analysis and Design

Reference Nos. of Courses
MS368
MS205-a, MS313-a
MS350-351a, MS353-a,
MS358-359
Id104, Id104c, Id107-a
MS306, MS306b, MS309,
MS309b-MS311, MS361-
362a, MS367

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 1975-76, 1,525 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 Faculty of Economics only.

The branches in which the School registers candidates for the M.A. are International History, Area Studies, Linguistics, and French (under the heading in University regulations 'Romance languages and literatures').

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.

A fee of £8 is payable for each registration as an internal student of the University for a postgraduate degree except that no additional registration fee is payable by a student who is permitted to transfer his registration from one higher degree to another.

Registration fees are not normally returnable.

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: £5 for a single paper, £10 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 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	Economic History	International Relations
Business Studies ¹	European Studies	Logic & Scientific Method
Demography	Geography	Operational Research
Economics	Industrial Relations	Planning Studies
Econometrics & Mathematical Economics	& Personnel Management	Politics
	International History	

¹The School does not register students for this branch of the M.Sc.

Social Administration & Social Work Studies	Social Psychology	Sociology with special reference to the
Social Anthropology ¹	Sociology	Sociology of Medicine ¹
Social Planning in Developing Countries	Sociology & Statistics	Sociology of Medicine ¹
	Sociology with special reference to Education ¹	Statistics

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.

1. Economic Aspects of Accounting I	} Lectures, Classes and Seminars Ac102-a, Ac104-a, Ac108, Ac151-152, Ac154, Ac156-7, Ac159, MS217
2. Economic Aspects of Accounting II	
3. Economic Aspects of Accounting III	Ac153-a, Ac155-a, Ac158
4. Economics of Industry	EC183, Ec185-186
5. Public Finance	Ec182-184, L1223

¹The School does not register students for this branch of the M.Sc.

6. *Either (a) Management Mathematics or (b) Operational Research I*

Lectures, Classes and Seminars
MS205-a, MS313-a
MS350-351a, MS353-a, MS358-359

- or (c) Advanced Mathematical Programming* MS353-355

7. *Either (a) Computing and Data Processing*

MS302-303, MS306, MS306b, MS309, MS309b, MS311, MS357
MS309, MS309b-311, MS361-362a
Id107-a

- or (b) Advanced Systems Analysis*

8. Industrial Sociology

9. Elements of Mathematical Logic for Non-Specialists

Ph107, Ph107b

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.

II. Business Studies

This branch of the M.Sc. is not offered at the School.

III. Demography

The examination will consist of three papers and a record of practical work done during the course:

1. Demography I

2. Demography II

} Dm104, Dm110-117

3. *One of the following:*

- | | |
|---|--------------------------------|
| (i) Methods of Sociological Study | MS268-a, So160 |
| (ii) Sociology of Development | So163 |
| (iii) Social Structure of Industrial Societies | So162 |
| (iv) The Economics of Less Developed Countries and of their Development | Ec133, Ec175, Ec187-189, EH136 |
| (v) Economic Growth Historically Considered | EH136 |
| (vi) Problems of Public Health and Socio-medical Research | Dm118 |
| (vii) Statistical Theory | MS269-a |
| (viii) Any other subject approved by the candidate's teachers | — |

N.B. The examinations for optional papers (i), (ii), (iii), (iv) and (vii) will take place in June, not September.

IV. Economics

The examination will consist of four papers as follows:

1. Economic Theory I	<i>Lectures, Classes and Seminars</i> Ec154-155b, Ec158-9
2. Economic Theory II	Ec154-157
3. Methods of Economic Investigation	Ec154-155b, Ec160-a
4. <i>One of the following (one paper):</i>	
(i) Advanced Economic Theory I: Theory of Economic Growth	Ec161, Ec163
(ii) Advanced Economic Theory II: Linear Economic Models	Ec162-163
(iii) Advanced Economic Theory III: Theory of Investment Planning	Ec164-167a
(iv) History of Economic Thought	Ec111, Ec168
(v) The Pure Theory of International Trade and Commercial Policy	Ec169, Ec170-172
(vi) Theory of Optimal Decisions	Ec157, Ec173, MS114
(vii) Labour Economics	Ec174-175, Ec281, Id112
(viii) Monetary Economics	Ec176-178
(ix) Economics of Public Enterprise	—
(x) Economics of Transport	Ec137, Ec167, Ec179-181, Ec196

	<i>Lectures, Classes and Seminars</i>
(xi) Public Finance	Ec182-184, L1223
(xii) Economics of Industry	Ec183, Ec185-186
(xiii) The Economics of Less Developed Countries and of their Development	Ec133, Ec175, Ec187-189
(xiv) Agricultural Economics	—
(xv) Soviet Economic Structure	Ec190-191, Ec193-4
(xvi) Theory and Implementation of Detailed Planning	Ec190-194
(xvii) International Monetary Economics	Ec169, Ec171-172
(xviii) Economics of Education and Human Capital	Ec174-a, Ec195, Ec281
(xix) Urban Economics	Ec184, Ec196-198, MS365
(xx) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis	Ec199-a
(xxi) Environmental Economics	Ec181, Ec196-198, Ec200-202
(xxii) Any other field of Economics approved by the candidate's teachers	—

In session 1976-77 no teaching will be offered for papers 4(ix) and (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.

V. Econometrics and Mathematical Economics

The examination will consist of four papers as follows:

	<i>Lectures, Classes and Seminars</i>
1. <i>Either</i> (i) Quantitative Economics I (one paper) or (ii) Quantitative Economics II (one paper)	Ec233-234, Ec236
2. <i>Three</i> of the following:	Ec233, Ec235-236
(i) Quantitative Economics I (<i>not if taken under 1 (i)</i>)	Ec233-234, Ec236
(ii) Quantitative Economics II (<i>not if taken under 1 (ii)</i>)	Ec233, Ec235-236
(iii) Econometric Theory I	Ec240-242, MS257
(iv) Econometric Theory II (<i>available only to candidates taking 2 (iii)</i>)	Ec240-242, MS258
(v) Advanced Mathematical Economics I	Ec237, Ec239, MS107, MS114
(vi) Advanced Mathematical Economics II (<i>available only to candidates taking 2 (v)</i>)	Ec238-239, MS107
(vii) Advanced Mathematical Programming	MS353-355
(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.

VI. 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.

	<i>Lectures, Classes and Seminars</i>
1. The sources and historiography of Economic History in one of the following periods:	
(i) England 1350-1500	EH131
(ii) England in the 17th century	EH102, EH132
(iii) Britain 1783-1850	EH102-104, EH133
(iv) Britain 1900-1950	EH103, EH133
(v) U.S.A. 1890-1929	EH106, EH135

	<i>Lectures, Classes, and Seminars</i>
2. <i>Either</i> 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. <i>One</i> of the following:	
(i) Economic Growth Historically Considered	EH136
(ii) The History of Science and Technology in Western Europe in either 1500-1750 or 1750-1900	—
(iii) The Economic Geography of the U.S.A.	Gy414
(iv) The History of Economic Thought	Ec111, Ec168
(v) The Regulation of the Economy by Government in the U.S.A.	Gv223
(vi) Elements of Statistical Methods	MS201-202a
(vii) British Labour History	EH130
(viii) The Population of the United States of America from Colonial Times to the Present	EH139
(ix) Aspects of Latin American Economic History since Independence	EH141

N.B. The examinations for optional papers (iv), (v), (viii) and (ix) will take place in June, not September.

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</i>
I	
1. European History since 1945	Hy116-117, Hy175
2. The Politics of Western European Institutions	IR113, IR115, IR159-160
3. The Law of Western European Institutions	L1213
II	
4. The Politics and Government of an Approved European Country	Gv172-a, Gv200, Gv226
5. The Political Geography of Western Europe	Gv311
6. The International Politics of Western Europe	IR153, IR160
7. The Economics of European Integration	Ec203-204
8. The Law of European Economic and Monetary Transactions	L1215-b

The examination will be held in June each year. The essay must be submitted by 15 September.

VIII. Geography

The examination will consist of four papers as follows:

1. Modern Geographical Thought and Practice	
2. Three papers taken in <i>one</i> or, in special cases <i>two</i> , of the following aspects:	
(i) Economic Geography	} Appropriate courses, including Nos. Gy316, Gy400-415, Gy451, Gy453 arranged in consultation with supervisors.
(ii) Historical Geography	
(iii) Social Geography	
(iv) Physical Geography	
(v) Cartography	
(vi) Geography of a Particular Region	

As an alternative to one of these papers candidates may submit 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.

IX. 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 | Id102 |
| 2. Industrial Relations: Theory and Comparative Systems | Id100-101 |
| 3. Industrial Organisation | Id108-a |
| 4. Industrial Psychology | Id113-a |
| 5. Industrial Sociology | Id106-a |
| 6. Labour Law | Id105, Id114 |
| 7. Labour Economics | Ec174-175, Id122 |
| 8. Labour History | EH104, EH130 |
| 9. Manpower Planning | Id110-111 |
| 10. Management Accounting | Ac100-101a, Ac105-a, MS217 |
| 11. Economics of Industry | Ec185-186 |
| 12. Systems Analysis | MS302-a, MS306, MS306b-307, MS309, MS309b, MS357 |

Essays written during the term will also be assessed and will form an integral part of the examination.

X. 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.

XI. 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. | <i>Lectures, Classes and Seminars</i>
IR101, IR107, IR119, IR122, IR151 |
|----------------------------|--|

Lectures, Classes and Seminars

2. Two of the following, to be chosen with the approval of the supervisor:

- | | |
|---|---|
| (i) Foreign Policy Analysis | IR102-104, IR106-107, IR152 |
| (ii) International Institutions | IR11, IR112, IR113-114, IR158, IR166 |
| (iii) European Institutions | IR113, IR115-116, IR159-160, L1213 |
| (iv) International Theory | IR117, IR120-121, IR162 |
| (v) The Politics of International Economic Relations | IR123, IR167 |
| (vi) The Politics of International Law | IR130, IR170 |
| (vii) Strategic Studies | IR125, IR127-129, IR171-172 |
| (viii) International Politics: The Western Powers | IR102, IR153, IR160 |
| (ix) International Politics: The Communist Powers | IR102, IR105-106 |
| (x) International Politics: Asia and the Pacific | IR102, IR106-108, IR155 |
| (xi) International Politics: Africa and the Middle East | Gv167, IR102, IR107, IR109-110, IR156-157 |
| (xii) International Business in the International System | IR123-124, IR168 |
| (xiii) Imperialism | IR122, IR165 |
| (xiv) Concepts and Methods in International Relations | IR118-119, IR164 |
| (xv) Any other subject of comparable range in the field of International Relations or one related thereto approved by the candidate's teachers. | — |

XII. Logic and Scientific Method

The examination will consist of four papers or three papers and a report not exceeding 10,000 words. The papers will be chosen *either* all from Option A *or* all from Option B.¹

Option A: Philosophy of Science

- | | |
|--|---|
| 1. Elements of Mathematical Logic | <i>Lectures, Classes and Seminars</i>
Ph107-109, Ph126 |
| 2. Advanced Scientific Method | Ph100-103, Ph105, Ph108, Ph121 |
| 3. History of Epistemology | Ph104-105, Ph121 |
| 4. Philosophy of Mathematics | Ph110 |
| 5. Foundations of Probability and Statistics | — |
| 6. Selected Topics in the History of Science and Mathematics | MS108, Ph106, Ph110, Ph122 |
| 7. Methodology of the Social Sciences | Ph103, Ph123 |

or

Option B: Mathematical Logic and Philosophy of Mathematics

- | | |
|--|--------------------------------|
| 1. Mathematical Logic | Ph109 |
| 2. Advanced Mathematical Logic | MS110-111 |
| 3. Topics in the Foundations of Mathematics | MS110-111 |
| 4. Philosophy of Mathematics | Ph110 |
| 5. Foundations of Probability and Statistics | — |
| 6. Selected Topics in the History of Science and Mathematics | MS108, Ph106, Ph110, Ph122 |
| 7. Advanced Scientific Method | Ph100-103, Ph105, Ph108, Ph121 |
| 8. History of Epistemology | Ph104-105, Ph121 |

Note A candidate's choice of papers will require the approval of his supervisor.

¹Candidates who are required to take two years over this course must be registered full-time for at least one of those years.

XIII. 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.

- | | <i>Lectures, Classes and Seminars</i> |
|---|--|
| 1. Operational Research I | MS350-351a, MS353-a, MS358-359 |
| 2. Operational Research II | Ac104-105, MS269-a, MS356-357, MS363-364, Ps159, SA210 |
| 3. <i>Two</i> (or <i>one</i> if a report on an approved project is submitted) of the following options: | |
| (i) Advanced Mathematical Programming | MS353-355 |
| (ii) Advanced Operational Research Techniques | MS251-a, MS352, MS366 |
| (iii) Statistical Theory | MS269-a |
| (iv) Probability, Stochastic Processes and Distribution Theory | MS250-252 |
| (v) Advanced Systems Analysis | MS309, MS309b-311, MS361-362a |
| (vi) Advanced Scientific Method | Ph100-103, Ph121 |
| (vii) Econometric Theory I | Ec240-241, MS257 |
| (viii) Economics of Transport | Ec137, Ec167, Ec179-181, Ec196 |
| (ix) Industrial Sociology | Id107-a |
| (x) Mathematical Methods in Planning | Gy453-454, MS365 |
| (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.

XIV. Planning Studies

Regional and Urban Planning Studies

The examination will consist of three papers and a report.

- | | <i>Lectures, Classes and Seminars</i> |
|--|---|
| 1. The Economics of Regional and Urban Planning | Ec101, Ec196-197, Ec260-261, Gy450, Gy452 |
| 2. Administration in Regional and Urban Planning | Gy450, Gy452, Gv156, Gv207-208(i), Gv210-211, SA125 |
| 3. Geographical Aspects of Regional and Urban Planning | Gy312, Gy403, Gy450-453 |
| 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.

XV. Politics

Candidates will be required to choose *one* of the following branches:

- | | <i>Lectures, Classes and Seminars</i> |
|--|--|
| 1. History of Political Thought | Gv103, Gv121-123 |
| 2. The Politics and Government of the United Kingdom | Gv159, Gv162, Gv200 |
| 3. Political Sociology | Gv163, Gv204-206, So114-115 |
| 4. The Politics and Government of Russia | Gv170-171, Gv219-220 |
| 5. Comparative Government | Gv167, Gv172-a, Gv202-203, Gv219-220, Gv222, Gv226, IR109, IR156 |

- | | |
|--|---|
| 6. Theory and Practice of Public Administration | Gv156, Gv158-a, Gv160, Gv164-165, Gv207-209, Gv212-216, Gv222 |
| 7. The Politics and Government of Western Europe | Ec203-204, Gv172, Gv200, Gv226-227, Hy116-117, Hy175, IR113, IR115, IR153, IR159, L1213 |
| 8. Politics and Government in Africa | Gv167, IR109 |

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.

Note In Session 1976-77 no teaching will be offered for paper 7.

XVI. 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.)

- | | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| Either A (Social Policy and Planning) | |
| 1. Students must select <i>one</i> or <i>both</i> of the following: | |
| (i) Social Planning | SA151, Gv159 |
| (ii) Social Policy and Administration | SA150 |
| 2. Students must select at least <i>one</i> of the following: | |
| (i) Planning of Health Services | SA126, SA153 |
| (ii) Income Maintenance and Social Security Policies | SA105, SA154 |
| (iii) Planning of Personal Social Services | SA123, SA155 |
| (iv) Housing and Urban Planning | Ec260, Gv210, SA125, SA156 |
| (v) Education Policies and Administration | SA121, SA157, MS265 |
| (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. SA152
- N.B. The report must be presented in June.

In session 1976-77 no teaching will be offered for paper 2(v).

Or B (Social Work Studies)

- | | |
|--|--|
| 1. Social Work Studies | } Supervisors will recommend appropriate courses for option B. |
| 2. Social Problems and Social Services | |
| 3. Mental Health and Mental Disorder | |

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).

XVII. Social Anthropology

This branch of the M.Sc. is not offered at the School.

XVIII. 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 | SA172 |
| 2. <i>One</i> of the following: | |
| (i) Planning Health Development | SA126, SA153, SA175 |
| (ii) Community Development and the Planning of Social Security and Welfare | SA176-177 |
| (iii) Social and Economic Aspects of Urbanisation | SA125, SA178 |
| (iv) Social Implications of Education and Manpower | Ec195, Ec281, SA179 |
| (v) Industrial Relations and Manpower | Id101, Id111 |
| (vi) Operational Research I | MS350-351a, MS353-a, MS358-359 |
| 3. <i>One</i> of the following: | |
| (i) Sociology of Development | So163 |
| (ii) The Economics of Less Developed Countries and of their Development | Ec133, Ec175, Ec187-189 |
| (iii) The Aims and Methods of Government Planning | Gv156, Gv158-a, Gv207-208, Gv216 |
| (iv) Demography | Dm102-104a, Dm113-114 |
| (v) Public Finance | Ec182, Ec184, L1223 |
| (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 1976-77 no teaching will be offered for paper 2(iv).

XIX. Social Psychology

The examination will consist of *three* papers selected from the following:

Lectures, Classes and Seminars

- | | |
|---|--------------|
| 1. Child Development and Socialisation | — |
| 2. Language, Thought and Communication | Ps151 |
| 3. Groups and Group Functioning | Ps155 |
| 4. Social Psychology of Organizations | Ps153 |
| 5. Social Psychology of Conflict | Ps156 |
| 6. Communication and Attitude Change | Ps117, Ps150 |
| 7. The Psychological Study of Social Issues | Ps160 |
| 8. Person Perception | Ps157 |
| 9. Personality | Ps154 |
| 10. Selected Issues in Social Psychology | — |
| 11. Interpersonal Behaviour | Ps158 |

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 1976-77 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.

XX. Sociology

The examination will consist of three papers and an essay as follows:

Lectures, Classes and Seminars

- | | |
|---|--------------|
| 1. Methods of Sociological Study | So160-161 |
| 2. <i>Either</i> (i) Social structure of Industrial Societies | So162 |
| or (ii) Sociology of Development | So163 |
| 3. <i>One</i> paper of the following: | |
| (i) Sociology of Education | So164 |
| (ii) Sociology of Deviant Behaviour | So119, So165 |
| (iii) Sociology of Religion | So166 |
| (iv) Industrial Sociology | Id106-a |
| (v) Race Relations | SA122, So167 |
| (vi) <i>Either</i> (a) Theories and Concepts of Political Sociology | — |
| or (b) Political Stability and Change | So115, So168 |
| or (c) The Study of Political Behaviour | — |
| (vii) Medical Sociology | SA153 |
| (viii) Sociological Theory | So102, So170 |
| 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 1976-77 options 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 XV. 3 Political Sociology.

XXI. 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

- | | |
|--|-------------------------|
| 1. Probability, Stochastic Processes and Distribution Theory | MS250-252 |
| 2. Statistical Methodology and Inference | MS253-258 |
| 3. Statistical Theory | MS269-a |
| 4. Advanced Social Statistics and Model Building | MS251-a, MS259-261a |
| 5. Survey Theory and Methods | MS210, MS256, MS262-264 |

(In exceptional cases, a paper from another branch of the M.Sc. may be substituted for one of the papers listed above.)

List B

- | | |
|---|--------------|
| 1. Social Structure of Industrial Societies | So162 |
| 2. Sociology of Development | So163 |
| 3. Sociology of Education | So164 |
| 4. Sociology of Deviant Behaviour | So119, So165 |
| 5. Sociology of Religion | So166 |
| 6. Industrial Sociology | Id106-a |
| 7. Race Relations | SA122, So167 |

8. One of the following:

- (a) Theories and concepts of Political Sociology —
- (b) Political Stability and Change So115, So168
- (c) The Study of Political Behaviour —

9. Sociological Theory So102, So170

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 1976-77 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.

XXII. Sociology with special reference to Education

This branch of the M.Sc. is not offered at the School.

XXIII. Sociology with special reference to the Sociology of Medicine

This branch of the M.Sc. is not offered at the School.

XXIV. Statistics

The examination will consist of three papers, a record of practical work¹ 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.

Lectures, Classes and Seminars

- | | |
|--|-------------------------|
| 1. Probability, Stochastic Processes and Distribution Theory | MS250-252 |
| 2. Statistical Methodology and Inference | MS253-258 |
| 3. Advanced Social Statistics and Model Building | MS251-a, MS259-261a |
| 4. Econometric Theory I | Ec240-241, MS257 |
| 5. Advanced Mathematical Programming | MS353-355 |
| 6. Survey Theory and Methods | MS210, MS256, MS262-264 |
| 7. Educational Statistics | Ec195, MS265-a |
| 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 | — |

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

¹Course MS267

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 X. International History. A candidate who has been successful at the examination in the M.Sc. branch X. 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.¹ 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 overleaf.

¹Permission 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.

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
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.

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 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.

† 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.

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 222.

M.Phil. in Sociology

All students registered for the M.Phil. in Sociology will be required to attend the course in Methods of Sociological Study and to pass a qualifying examination at the end of the first year at a satisfactory level before they can proceed to the second year of the course.

Students will, in addition, be required to attend two further courses during the first year of their registration. They may also be required to attain a satisfactory standard in these subjects.

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) 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

(a) Examination entry fees

Students who pay inclusive fees do not pay their own examination fees; they are paid by the School to the University on behalf of the student at the time of entry to the examination. Part-time students and others who have been charged non-inclusive fees, will be expected to pay their own examination entry fees to the University.*

Students whose fees are paid by outside bodies must ascertain whether examination as well as tuition fees will be paid to the School or whether they will have to pay their examination fees themselves.

The examination entry fees payable to the University are as follows:

M.Sc., LL.M., M.A., M.Phil.	£32
Ph.D.	£50
Diploma in Social Anthropology	£24

(b) Return of University fees

Examination fees cannot be transferred from one examination to a later one.

If the School has paid the examination fee on behalf of a candidate, the School, not the candidate, receives the refund.

Master's degrees examinations

The examination fee paid is refunded when a candidate withdraws before the last date of entry.

If a candidate withdraws for reasons other than those set out below from a written examination or the written part of an examination after the last date of entry but not later than the date for refund specified in the regulations for that examination, or fails to present his thesis (or dissertation) by the prescribed date for submission, the entry fee paid will be refunded less £15.

The entry fee paid may be refunded in the following cases:

Inability to take the examination owing to candidate's illness; or to death of near relative; or to contact with infectious illness. In the case of a candidate prevented by his own illness the provision for return of entry fee applies only if the candidate does not seek immediate re-examination. See next page.

The latest dates for withdrawals from examinations are as follows:

LL.M.	28 July
Other Master's degrees:	
June Examinations	1 June
September Examinations	15 August

M.Phil. and Ph.D. examinations

An Internal candidate who has not submitted his thesis for examination 18 months after submission of the form of entry for the examination and who has had his entry cancelled shall receive back the entry fee paid less £15.

Candidates who have paid their examination fees themselves may apply to the Superintendent of Examinations, University of London, Senate House, WC1E 7HU. Candidates should state whether they are Internal or External students and from which examination they are withdrawing.

* All Cheques should be made payable to the University of London and crossed 'National Westminster Bank Ltd, Tavistock Square, WC1H 9JA, University of London Account'.

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 Faculty of Economics 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. Candidates will be required to pay, in addition to their original entry fee for the examination, a fee of £7 for each special paper concerned.

Diploma in Social Anthropology

If a dissertation is to be submitted in lieu of papers (iv) and (v) (see page 228 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 221 and 222.

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 7 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 3 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 lend a copy of my thesis/dissertation to the British Library and authorise that Library, subject to the conditions set out in paragraph 3 below to make a microfilm copy for the purposes of inter-library loan and the supply of photocopies.

3. 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.

4. 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.

5. I warrant that this authorisation does not, to the best of my belief, infringe the rights of any third party.

6. I understand that in the event of my thesis/dissertation being not approved by the examiners, this declaration would become void.

7. 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.

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 £9.

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.

The fee is £18 for each entry to the examination.

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 198-9.

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 199-200.

Dates of Examinations

(INTERNAL STUDENTS)

1976-77

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 1977
Examination begins	To be announced
B.Sc.(Econ.) Final, Part II (<i>New Regulations</i>)	
Entry closes	15 January 1977
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	
French and Russian	
French and Spanish	
German and Russian	
German and Spanish	
Entry closes	15 January 1977
Examination begins	To be announced
B.A. Final	
Entry closes	17 January 1977
Examination begins	2 June 1977
LL.B	
Entry closes	1 February 1977
Examination begins	To be announced
B.Sc. Social Science and Administration (First year)	
Entry closes	15 December 1976
Examination begins	To be announced
First Stage (Second Year)	
Entry closes	15 December 1976
Examination begins	28 April 1977
Second Stage (Third Year)	
Entry closes	15 December 1976
Examination begins	2 June 1977

M.Sc.

Entry closes

1 February 1977 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June)

1 May 1977 for September examination

Examination begins

Either 20 June 1977 or 5 September 1977 according to subject

M.A. Area Studies, History

Entry closes

1 February 1977

Examination begins

20 June 1977

LL.M.

Entry closes

1 May 1977

Examination begins

5 September 1977

Diploma in Anthropology

Entry closes

1 February 1977

Examination begins

13 June 1977

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 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. Not more than thirty Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas term 1958. Thereafter elections may be made annually in the Michaelmas term. In any year after 1958 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. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, 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 not earlier than 1 June nor later than 15 October 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 11,500 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 12,000 serials (of which 6,900 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 645,000 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 33 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.

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.¹ 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 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 pre-

¹The fees at present prescribed are, £15 for a permit valid for six months, and £7.50 for three months or less.

scribed from time to time. They are closed on Sundays and on certain other days as prescribed.¹

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 uncancelled. 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 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.

¹The 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 Year's Day, the Spring and Late Summer Bank Holidays, and all Saturdays in July and August.

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 and stationery 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)

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, 5 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.

There is a full-time general practitioner who can provide comprehensive medical care under the National Health Service if students live within his practice area. He will of course see any student about any medical problem on an emergency basis.

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.

A gynaecologist attends regularly in term time and 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, minor ailment and immunisation service.

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.

It should be emphasised that appointments to see any doctor can be made directly through the receptionist or the School Nurse and do not have to be made via the general practitioner.

Careers

Many careers are now open to university graduates in the social sciences and in arts. They can offer work of great interest and responsibility and the degrees offered by the School are of value in any occupation that calls for a trained intelligence and an understanding of the contemporary world. Our graduates have been able to seek employment from a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers need and seek graduates who are well qualified academically; they also look for men and women with the ability to exercise judgment, to make decisions and to exhibit powers of leadership and control. 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. Experience suggests that of those who take the B.Sc.(Econ.) degree a considerable number find employment in industrial and commercial management, enter the teaching profession or go on to undertake academic research. Others are widely spread in finance; in expert posts as economists, lawyers or statisticians in industry and commerce; in government service; in journalism and librarianship; and in advertising and market research. Broadly speaking, our graduates can realistically consider the following areas of employment: education, the civil service, local government, the social and health services, private and nationalised industries, commerce, H.M. services. In addition there are opportunities overseas and a limited number in various cultural organizations.

Many graduates enter the educational field, either as school teachers or as lecturers in establishments of further education. It is now compulsory for all new graduates who wish to teach in state schools, to do a year of professional teacher training. A higher degree is usually necessary for the graduate who seeks a university post.

The civil service offers an immense variety of career opportunities for graduates, including specialist posts in economics, psychology, law and statistics. There are opportunities for research and investigation, primarily for economists, geographers, psychologists and social scientists. In addition, graduates are needed for the Tax Inspectorate, Factory Inspectorate and the Department of Employment. Graduates enter the Administration Group of the Home Civil Service either at the Administration Trainee or Executive Officer level of entry. Promotion to the higher posts in the Service is open to everyone, depending upon ability, but it does not rest on the method or level of entry to the Service. The minimum qualification for entry to the Diplomatic Service and the Administration Trainee grade is a degree with honours. Final-year students are eligible to apply.

Local government employs an increasing number of graduates. Normally they join a local authority as specialist administrators or become specialist practitioners in law, finance, librarianship, town planning or housing management and welfare. An appropriate professional qualification is needed for these expert categories of employment, some of which can be obtained through in-service training schemes.

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 are recognised initial qualifications for employment in some areas of social administration. They also provide the necessary basic qualification for *training* in social work for such fields as those of medical and psychiatric social work, child care,

probation and family casework. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised training lasting at least one year is necessary for these careers and students should, therefore, be prepared to undertake this. Details of diplomas offered by the School are given on pages 187-200.

Many firms in private industry, together with the nationalised industries, offer graduate traineeships and direct appointments for a wide range of jobs in production, marketing, finance, personnel and management services. Banks, insurance companies and retailing organizations all need graduates, as do the professions of accountancy and law. Economists may make use of their specialised knowledge in economic forecasting and intelligence, and there is a demand among stockbrokers for investment analysts. Limited openings for graduates in any subject may be found in advertising agencies, journalism and market research.

It is worthy of note that the increased use made of statistics and, in particular, the development of mathematical and computational techniques offer great scope to the man or woman of mathematical ability. Equally, for many of our best graduates a fourth year of study may well prove fruitful as a career preparation; the rapid progress made in the social sciences means that it can take more than three years of study and a Bachelor's degree to make an expert economist, sociologist or statistician.

Possession of a university degree may result in a considerable shortening of the period of professional training. Thus, possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. The period for articles of clerkship for those who wish to qualify as solicitors is reduced to two and a half years for graduates of an approved university. Graduates of any discipline who wish to become chartered accountants have the period of their training contracts reduced from five to three years. Those who have taken Accounting and Finance as their special subject are also given exemption from the Institute's Foundation examination.

Finally, with regard to the choice of specialist or optional subjects, there is one golden rule to be followed: the subjects that a student should choose for his degree are those that he likes and is 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 thoughts of future careers. But it is never too early to start thinking about a career and those who are in doubt should consult their tutors and the officers of 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 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 who are responsible to Union Committees covering all aspects of Union affairs. 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. The Executive Committee (12 members) is charged with carrying out these decisions and is responsible to Union General Meetings. Full details of Union meetings and elections and of the numerous 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.

The Union has a limited number of places for children 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 such 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 and administers a fund to help those who find themselves unable to meet the tuition fees. Applications to this fund are treated in strictest confidence and should be made to the Senior Treasurer (Room S.104).

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, there is *Beaver Daily News*, 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. All students are eligible to join the Athletic Union by becoming a member of any of its constituent clubs. The subscription charged for membership of each club is twenty-five pence.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Canoe, Cricket, Cross-Country, Gliding, Golf, Hockey (Women), Judo, Karate, Keep-fit,

Mountaineering, Riding, Rowing, Rugby Football, Sailing, Skiing, Squash, Table Tennis, Tennis, Yoga.

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 (E29) 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 Canoe Club has a block booking with the Royal Canoe Club at Teddington. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden, held in June.

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 Resident (Flats): 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 (as yet un-named) 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 Nufford 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, games room, studio and laundries. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

Opened in 1949 for 124 **women** students and since extended to take 194; accommodation is in 148 single rooms and 23 double rooms, most of them with central heating; there are common rooms and laundries, a library and games room. Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

William Goodenough House

(The Dominion Students' Hall Trust)

Mecklenburgh Square, WC1N 2AN

William Goodenough House accommodates 116 postgraduate **women** students from the British Commonwealth and the United States of America.

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 60 self-contained flats for married students.

Applications, addressed to the Controller, should be made well in advance for the single rooms, but not more than six months before arrival in the U.K. for the flats.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 400 **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, drip-dry 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**; 194 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 330 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 was established by the Dominion Students' Hall Trust.

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 Controller, London House, giving as much notice as possible.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

Hughes Parry Hall, opened in 1969, provides accommodation for 175 **men** and 100 **women** students. There are 245 single rooms and 15 double rooms, together with common rooms, library, games room, two squash courts and laundry.

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 Assistant Bursar (Residences and Catering) of the School.

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, 1976

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Deputy President: Duncan Fairn

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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: _____

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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 148 to 229 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	255
An	Anthropology (Social)	258
Dm	Demography	263
Ec	Economics	267
EH	Economic History	288
Gy	Geography	295
Gv	Government	311
Id	Industrial Relations	328
Hy	International History	335
IR	International Relations	346
Ln	Languages	360
LI	Law	367
MS	Mathematics, Statistics, Computing and Operational Research	401
Ph	Philosophy	421
Ps	Psychology (Social)	426
SA	Social Administration	432
So	Sociology	450

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

General Courses

Life Chances. Problems of the Theory of Social Processes

Professor Dahrendorf. Twelve Lectures, Lent and Summer Terms.

Description of course The concept of life chances links the structural analysis of socio-political conflict and change with philosophical reflection about the direction of social development; it describes the theme of social processes. The origin of the concept in Max Weber's *Economy and Society*, its theoretical potential, its relevance for social indicators, its role in the analysis of political conflict and institutional change, and its bearing on the idea of progress will be discussed. The lectures will be abstract and open-ended; they are an invitation to those advanced in their concern with social theory who want to pursue theoretical issues which straddle several social-science disciplines.

The Social Sciences: an Historical Introduction

Professor MacRae. Fourteen 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; 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) Accounting 1A Classes

Michaelmas and Lent Terms.

Ac101 Accounting 1B: Company Accounting

Mr Macve. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

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*; J. F. Northey and L. H. Leigh, *Introduction to Company Law*; 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 and 1967.

Ac101(a) Accounting 1B Classes
Lent and Summer Terms.

Ac102 Accounting 1C: Accounting Systems

Professor Edey. Seven 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) Accounting 1C Classes

Lent Term.

Ac103 Accounting 1D

Professor Edey. Three lectures, Lent Term.

For B.Sc.(Econ.) Part II; M.Sc. preliminary year.

Syllabus Introduction to discounted cash flow concepts and calculations.

Recommended reading References will be given during the lectures.

Ac104 Accounting 2A: Capital Budgeting

Mr Lumby. Ten 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* and relevant parts of: J. C. Van Horne, *Financial Management and Policy*.

Further reading will be recommended during the course.

Ac104(a) Accounting 2A 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) Accounting 2B Classes
Michaelmas Term.

Ac106 Accounting 3A
Professor Edey. Ten meetings of 1½ hours each, Lent Term.
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 W. T. Baxter, *Accounting Values and Inflation*; J. Freear, *Financing Decisions in Business*. Relevant parts of W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*; P. Bird, *Accountability: Standards in Financial Reporting*; J. C. Bonbright, *The Valuation of Property*; chaps. I to XII and XXVI; B. V. Carsberg and H. C. Edey (Eds.), *Modern Financial Management*; H. Edey and B. S. Yamey (Eds.), *Debits, Credits, Finance and Profits*; R. H. Parker and G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income*. Reference may be made to such standard textbooks as E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (17th edn.); R. N. Anthony, *Management Accounting*; M. J. Gordon and G. Shillinglaw, *Accounting: a Management Approach*. Other works will be recommended during the course.

Ac106(a) Accounting 3A Classes (Theory)
Lent Term.

Ac106(b) Accounting 3A Classes (Practical)
Lent Term.

Ac107 Accounting 3B: Public Sector Accounting

Dr French. Five lectures, Lent Term.
For B.Sc. (Econ.) Part II.
Syllabus The planning, appraisal, control and finance of real investment projects in the public sector with emphasis on the contrasts with private sector practice.
Recommended reading R. Layard (Ed.), *Cost-Benefit Analysis*, Part 1; A. J. Harrison and P. J. Mackie, *The Comparability of Cost-Benefit and Financial Rate of Return* (Government Economic Service Occasional Papers No. 5, H.M.S.O.); D. Novick, *Program Budgeting*; F. J. Lyden and E. G. Miller (Eds.), *Planning, Programming, Budgeting: A Systems Approach to Management*, 2nd edition; S. Goldman, *The Developing System of Public Expenditure Management and Control* (Civil Service College Studies, No. 2, H.M.S.O.); E. O. Henke, *Accounting for Non-Profit Organisations; The Economics of Charity*, Institute of Economic Affairs Readings No. 12; *Fund Raising by Charities*, National Council of Social Service (H.M.S.O.); A. Silberston and D. Solomons, "Monopoly Investigation and the Rate of Return on Capital Employed", *The Economic Journal*, December 1952; R. Turvey, "Rate of Return, Pricing and the Public Interest", *The Economic Journal*, September 1971; H. Townsend, *Scale, Innovation, Merger and Monopoly*.
Further references will be given at the beginning of the course.

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
Mrs Dev. 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.
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
Lecturer to be announced. Fifteen lectures of 1½ hours each, Michaelmas and Lent Terms.
For M.Sc. final yr.

Ac153(a) Decision Analysis Classes
Lent Term.

Ac154 Topics in Management Accounting
Mrs Dev. Ten meetings of 1½ hours each, Lent Term.
For M.Sc. final year.

Ac155 Topics in Public Sector Investment Analysis
Mr Lumby. Ten meetings, Michaelmas Term.
For M.Sc. final yr.

Ac155(a) Topics in Public Sector Investment Analysis Classes
Michaelmas Term.

Ac156 Problems in Accounting and Finance
Professor Edey. Five meetings of 1½ hours each, Michaelmas Term.
For M.Sc. final yr.

Ac157 Company Accounting Practice
Teacher to be announced. Five classes, Michaelmas Term.
For M.Sc. final yr.

Ac158 Selected Topics in Public Sector Accounting
Dr French. Five meetings, Lent Term.
For M.Sc. final yr.

Ac159 Accounting Theory and Practice
Professor Edey. Ten meetings of 1½ hours each, Lent Term.
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*; R. Firth, *We, the Tikopia*; J. Goody, *Kinship* (readings); I. M. Lewis, *Social Anthropology in Perspective*; L. P. Mair, *Primitive Government*; J. Pitt-Rivers, *The People of the Sierra*. 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 racial differences. Introduction to human ecology and the biological bases of behaviour. The nature, origin and development of culture.

Essential reading M. Day, *Fossil Man*; P. Gardiner, *Theories of History*; A. Jolly,

The Evolution of Primate Behaviour; Kroeber and Kluckhohn, *Culture: a critical review of concepts and definitions*; S. F. Nadel, *The Foundations of Social Anthropology*; R. Fox (Ed.), *Biosocial Anthropology*; J. Pfeiffer, *The Emergence of Man*; D. Pilbeam, *The Ascent 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 Mr 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 Kaplan
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*; T. S. Epstein, *Economic Development in South India*; 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*; P. Staniford, *Pioneers in the Tropics*; J. Waterbury, *North for the Trade*; J. Davis, *Land and Family in Pistieci*.

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 G. Lienhardt, *Divinity and Experience*; 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*; E. Durkheim, *The Elementary Forms of the Religious Life*; 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 field 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.

(i) Latin America and Madagascar

Dr Kaplan and Dr Bloch. Twenty lectures, Michaelmas and Lent Terms.

Syllabus LATIN AMERICA Key topics of recent ethnographies of Lowland tribal societies will be analysed, including dualism, prescriptive marriage, kindred-based groups, shamanism and leadership, subsistence patterns, ceremonial feasts, ritual, myth and jungle ideologies. 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 18th century to the present day. **Recommended reading** will be given during the course.

(ii) Hunters and Gatherers

Dr Woodburn and Mr McKnight. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The first term will be devoted to the discussion of the implications of recent anthropological research among hunting and gathering societies. During the second term a detailed study will be made of the local and social organisation of the Australian Aborigines with particular reference to their marriage systems.

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. Sahlins, *Stone Age Economics*; E. R. Service, *Primitive Social Organisation: an Evolutionary Perspective*.

AUSTRALIAN ABORIGINES: C. Lévi-Strauss, *The Elementary Structures of Kinship*; M. Meggitt, *Desert People*; A. R. Radcliffe-Brown, *The Social Organization of Australian Tribes*; B. Spencer and F. J. Gillen, *The Arunta*; W. L. Warner, *A Black Civilization*.

Additional reading will be suggested during the course.

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, India, South-East Asia, Melanesia.

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: Linguistics and Anthropological Problems

Dr Bloch. Ten lectures, Lent Term.
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 Colour 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: History of Social Anthropology

Dr Morris. 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 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 Lafitau 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*; T. B. Bottomore, *Sociology*.

An303(ii) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory

Dr Bloch. 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 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(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

Professor Mair. Ten lectures,
Michaelmas Term. Dr Loizos. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth.
3rd yr.; B.Sc. (Econ.) Part II; Dip. Soc.
Admin., Overseas Option only (one year).
Optional for Dip. Soc. Anth. 2nd yr.

Syllabus MICHAELMAS Aspects of contemporary social change in the less developed countries: changes in family life, caste relationships, rights in land; conversion to world religions, millenary movements; socialisation to urban life; ethnicity as an urban phenomenon; class formation. 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 MICHAELMAS R. D. Smith, *The Negro Family in British Guyana*; 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*.

LENT Oxaal, Barnett and Booth (Eds.), *Beyond the Sociology of Development*; Richards, Sturrock and Fortt (Eds.), *Subsistence to Commercial Farming in Present Day Buganda*; R. Chambers, *Settlement Schemes in Tropical Africa*; P. Worsley (Ed.), *Two Blades of Grass*; S. S. Berry, *Cocoa, Custom and Socio-economic Change*; C. Leys, *Underdevelopment in Kenya*; J. D. Cockcroft, A. G. Frank and D. Johnson (Eds.), *Dependence and Underdevelopment*.

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. 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

Mr McKnight. Sessional.
For all graduate students currently
engaged in preparing theses.

An502 Teaching Seminar

Dr Morris and Mr Murray.
Michaelmas and Lent Terms.
For first-year Diploma students and
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) The intellectual origins and the
developments of Durkheim's theories.
Dr Bloch
- (ii) Reading and analysis of *The Raw
and the Cooked*; and subsequent
volumes of *Mythologiques*. Dr
Kaplan
- (iii) Some topics in East African
ethnography. Dr La Fontaine
- (iv) Disaster situations (Cypriot
refugees) and intervention in a small
nation-state (Cyprus). Dr Loizos
- (v) Sorcery among the Australian
aborigines. Mr McKnight

- (vi) Power and religion in Sarawak.
Dr Morris
- (vii) Anthropological theory and hunting
and gathering societies. Dr Woodburn

Intercollegiate Seminar for Staff and Senior Graduate Students:

The Concept of the Self

Chairman: Mr McKnight.
Lent Term. At L.S.E.

Admission by permission of
Seminar Chairman.

Computing

See section for Mathematics, Statistics,
Computing and Operational Research
under "MS"

Demography

Dm100 Introduction to Demography

Mr N. H. Carrier. Twenty lectures
and twenty classes, Michaelmas
and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
main fields Maths. 2nd yr., Stats. 2nd yr.,
Comp. 2nd 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.

Dm101 Mathematics of Population Growth

Mr N. H. Carrier. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths. 3rd yr., Stats. 3rd yr., Comp.
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. Ten lectures of two hours each, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. 3rd yr., Stats. 3rd yr., Comp. 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. XXIII); 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 Klapholz and others.

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.; Dip. Soc. Admin.

(one-yr. incl. Overseas Option); Dip. Soc. Plan.

In certain cases students can choose

between courses Ec100 and Ec101.

Further details will be available from the Department at the beginning of the Session.

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.

Further details will be available from the Department at the beginning of the Session.

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*.

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; 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.; M.Sc. preliminary 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

Mr Layard and Dr Barr.
Ten lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Admin. (2nd yr., and one-yr.).

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, 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

Dr Richardson. Ten lectures, Michaelmas Term.

For Dip. Personnel Management.

Optional for B.Sc.S.S. and A. 2nd year.

Syllabus The supply of labour: activity rates, hours, education and information. The demand for labour. The wage structure by industry, occupation. The impact of trade unions. Unemployment. Selected policy issues e.g. incomes policy, strikes, wage inflation, income distribution, low pay. Detailed reading will be given at the beginning of the course.

Ec106(a) Classes

Lent Term.

For Diploma in Personnel Management.

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.

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, including a study of modern capitalism, the operation of the price mechanism, government intervention in the U.K. economy, and some problems of economic growth and stabilisation.

Ec107(a) Classes

Twenty classes, Sessional.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

Ec108 Economic Principles

(i) Micro-Economic Theory

Mr Gould. 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

Michaelmas and Lent Terms.

(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, *Macroeconomics*; T. F. Dernburg and D. M. McDougall, *Macro-Economics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

(ii)(a) Classes

Michaelmas and Lent Terms.

Ec109 Problems of Applied Economics

For B.Sc. (Econ.) Part II.

(i) Applied Macro-Economics

Mr Marin. Twelve lectures, Michaelmas and Lent Terms.

Recommended reading R. E. Caves (Ed.), *Britain's Economic Prospects*; S. Brittan, *Steering the Economy*; J. A. Trevithick and C. Mulvey, *The Economics of Inflation*. Detailed reading will be given at the beginning of the course.

(i)(a) Classes

(ii) Applied Micro-Economics

Mr Layard. Twelve lectures, Lent and Summer Terms.

Useful preliminary reading: E. J. Mishan, *Elements of Cost-Benefit Analysis*. Further 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. R. McCulloch (Ed.), *Early English Tracts on Commerce and Tracts on Money*; O. H. Taylor, *A History of 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*; E. Cannan, *A Review of Economic Theory*; W. Letwin, *The Origins of Scientific Economics*; D. W. Vickers, *Studies in the Theory of Money, 1690-1776*; R. W. Meek, *The Economics of Physiocracy*; J. Higgs, *The Physiocrats*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. H. Hollander, *David Ricardo*; M. Blaug, *Ricardian Economics*; 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*; J. R. McCulloch, *A Study in Classic Economics*; T. W. Hutchison, *A Review of Economic Doctrines, 1870-1929*; Erich Schneider, *Einführung in die Wirtschafts-theorie*, 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 Allingham and Dr Shorrocks. Thirty lectures, Sessional.
For B.Sc. (Econ.) Part II.

Syllabus Economic principles using elementary mathematical methods where appropriate. Consumer and producer theory, price determination, welfare economics. Pure and applied macro-economics.

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 and Dr Mizon.

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.).

Ec114(a) Classes

Twenty-five classes.

Ec115 Applied Econometrics

Dr Mizon and Mr Pudney.

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

Ten classes.

Ec116 Mathematical Economics I

Professor Morishima and Others.

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

(i) Applied Macro-Economics

Lecturer to be announced. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. preliminary yr

(ii) Applied Micro-Economics

Dr Dasgupta. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. preliminary yr.

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 Foldes. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc. preliminary yr.

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 Behavioral 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 Ec131 (iii)

(ii) Current Issues in Public Finance

Five meetings, Lent Term.

This course will not be given in 1976-77.

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 Money – An Introduction

Ten lectures, Lent Term.

This course will not be given in 1976-77.

For B.Sc. (Econ.) Part II.

Description of course The basic characteristics of money. The quantity theory and portfolio adjustment. Empirical evidence.

Recommended reading M. Friedman, "Money" (*Encyclopaedia of Social Sciences*, 1968); A. A. Walters, *Money in Boom and Slump* (*Hobart Paper* 44, I.E.A., 3rd edn., 1971); C. Goodhart, *British Monetary Policy 1957-1967*; W. T. Newlyn, *The Theory of Money*; D. Wrightsman, *An Introduction to Monetary Theory and Policy*.

Ec125 Monetary Theory

Mr Pissarides. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading D. Laidler, *The Demand for Money*; M. Friedman, "The Quantity Theory of Money: A Restatement" in *Studies in the Quantity Theory of Money*; J. Hicks, *Critical Essays in Monetary Theory*, chaps. 1-3.

Ec125(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

Ec126 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*.

Ec127 The British Monetary System

Mr Alford. Twenty lectures, Michaelmas Term.

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) (Cmnd 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*.

Ec128 U.S. and Other Monetary Systems

Lecturer to be announced. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Recommended reading U.S. Board of Governors of the F.R.S., *Federal Reserve System: Purposes and Functions*; M. Friedman and A. J. Schwartz, *Monetary History of the United States*, chaps. 8-12; J. S. G. Wilson, *Monetary Policy and the Development of Money Markets*, chaps. 7 and 8; Clay J. Anderson, *A Half-Century of Federal Reserve Policy-Making, 1914-1964*; *Federal Reserve Bulletin*; *Monthly Review* of the F.R.B. of New York.

Ec129 International Monetary Economics (Seminar)

Professor Day. 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.

Ec130 British Monetary Systems (Class)

Mr Alford. Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading will be given during the course.

Ec131 Introduction to Economic Policy

For B.Sc. (Econ.) Part II.

(i) Macro-Economics Management

Mr Griffiths. 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

Lecturers to be announced. 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 Dr Richardson. 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.

Ec132 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.

Ec132(a) Classes

Twenty classes, Michaelmas and Lent Terms.

Ec133 Economic Development: Introduction to Development Economics

Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Soc. Plan; M.Sc. final yr.

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*.

Ec133(a) Classes

Ten classes, Michaelmas Term.

Ec133(b) Economic Development (Seminar)

Professor Myint and Mr Steuer. Ten seminars, Lent Term.

Ec134 Economic Institutions Compared

Professor Wiles. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II.

Description of course Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

Recommended reading G. Grossman, *Economic Systems*; M. Bornstein, *Comparative Economic Systems, Models and Cases*; A. Nove, *The Soviet Economy*; B. Ward, *The Socialist Economy*. Further reading will be given during the course.

Ec134(a) Classes

Ten classes, Lent Term.

Ec135 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*; M. Ellman, *Soviet Planning Today*; D. Liggins, *National Economic Planning in France*; J. E. Meade, *The Controlled Economy*; B. Ward, *The Socialist Economy*; Mahhub-ul-Haq, *The Strategy of Economic Planning: A Case Study of Pakistan*.

Further reading will be given during the course.

Ec135(a) Classes

Ten classes, Lent Term.

For B.Sc. (Econ.) Part II only.

Ec136 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. Ec137. 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*.

Ec136(a) Classes

Michaelmas and Lent Terms.

Ec137 Transport Economics Treated Mathematically

Mr 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. Ec136 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*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; 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*.

II GRADUATE COURSES (A) M.Sc. IN ECONOMICS

Ec150 Preliminary-Year Mathematics for Economists

Dr Allingham. Sessional.

For M.Sc. preliminary yr.

Description of course The course will cover the elements of linear algebra including the theory of matrices, determinants and the solution of linear systems, differential calculus, the theory of optimisation, an introduction to comparative statics, and dynamics. **Recommended reading** A. C. Chiang, *Fundamental Methods of Mathematical Economics*; T. Yamane, *Mathematics for Economists*; 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, 1976.

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, 1976.

Ec155 Final-Year Statistics for Economists

Lecturer to be announced. Twenty lectures, September, 1976.

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, 1976.

Ec156 Final-Year Micro-Economics

Mr Layard and Professor Walters.

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, Michaelmas 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

Ec159 Growth and Capital Theory

Dr Dasgupta and Dr Dougherty.

Ten lectures, Lent Term.

Optional for M.Sc. final yr.

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*. A detailed list of articles will be given at the beginning of the course.

Ec160(a) Classes

(ii) Practical Applications

Mr Pudney. Eight Lectures, fortnightly. Michaelmas and Lent Terms.

Description of course Practical Estimation and analysis of econometric models.

Ec161 Theory of Economic Growth

Dr Ozga. Twenty-five meetings, Sessional.

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 embodied and disembodied technical progress. Optimal growth.

Selected reading R. G. D. Allen, *Macro-Economic Theory*; E. Burmeister and A. R. Dobell, *Mathematical Theories of Economic 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*.

Ec162 Linear Economic Models

Dr Ozga. Twenty-five meetings, Sessional.

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*; H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; D. C. Vandermeulen, *Linear Economic Theory*.

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

Professor Sen. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

For the paper *Advanced Economic Theory III*, this course must be combined with Ec165, or Ec166 or Ec167.

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.

Ec165 National Income, Inequality and Poverty

Professor Sen. Ten lectures. Lent Term.

For M.Sc. final yr.

Description of course Principles of real income comparison. Production and welfare interpretations. Size and distribution. Intertemporal and international comparisons. Standard of living and the real national income. Descriptive and normative comparisons of economic inequality. Measures of inequality. Poverty: concepts and measurement. Evaluation and action.

Suggested reading P. A. Samuelson, "Evaluation of Real National Income", *Oxford Economic Papers*, 1950; J. R. Hicks, "Measurement of Real Income", *Oxford Economic Papers*, 1958; A. K. Sen, "Real National Income", *Review of Economic Studies*, 1976; J. de V. Graaff, *Theoretical Welfare Economics*; I. M. D. Little, *A Critique of Welfare Economics*; A. B. Atkinson (Ed.), *Wealth, Income and Inequality*; A. K. Sen, *On Economic Inequality*; H. Chenery, M. S. Ahluwalia, C. L. G. Bell, J. H. Duloy and R. Jolly, *Redistribution with Growth*; P. Townsend (Ed.), *The Concept of Poverty*; A. K. Sen, "Poverty: An Ordinal Approach to Measurement", *Econometrica*, 1976; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*.

Ec165(a) Classes

Lent and Summer Terms.

Ec166 Aggregative and Decentralized Planning

Dr Dasgupta. Ten lectures, Lent Term.

For M.Sc. final yr.

Ec166(a) Classes

Lent and Summer Terms.

Ec167 Special Topics in Cost-Benefit Analysis

Professor Mishan. Ten lectures, Lent Term.

For M.Sc. final yr.

Ec167(a) Classes

Ten classes of two hours, Lent and Summer Terms.

Ec168 History of Economic Thought:

(i) Classical Economics

Professor Myint. Ten lectures, Michaelmas Term.

(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

(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. Sixteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Ec171 International Monetary Economics

Professor Scitovsky and Dr Kuska. Fifteen lectures, Michaelmas and Lent Terms.

Ec172 Seminar on International Trade and International Monetary Economics

Professor Scitovsky, Dr Hindley and Dr M. A. M. Smith. 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.

For M.Sc. final yr.

Description of course Models for optimal decisions, with special reference to uncertainty. Applications, probably to the evaluation of risk in investment planning.

Recommended reading As for course Ec157, and selections from the following:

R. D. Luce and H. Raiffa, *Games and Decisions* (parts); H. Chernoff and L. E. Moses, *Elementary Decision Theory*; P. Massé, *Optimal Investment Decisions* (parts); K. J. Arrow, *Essays in the Theory of Risk-Bearing*; K. J. Arrow and R. C. Lind, "Uncertainty and the Evaluation of Public Investment Decisions", *The American Economic Review*, June 1970; E. Malinvaud, "Risk Taking and Resource Allocation" in J. Margolis and A. Guitton (Eds.), *Public Economics*; E. Malinvaud, "The Allocation of Individual Risks in Large Markets", *Journal of Economic Theory*, April 1972; F. S. Hillier, *The Evaluation of Risky Interrelated Investments*; J. Mossin, *Theory of Financial Markets*.

Ec174 Labour Economics

For M.Sc. final yr. and other graduate students.

(i) Labour Supply and the Interpersonal Distribution of Earnings

Mr Layard. Six lectures, Michaelmas Term.

(ii) Labour Demand

Mr Layard. Six lectures, Michaelmas and Lent Terms.

(iii) Unemployment and Wage Inflation

Dr Richardson. Eight lectures, Lent Term.

Ec174(a) Classes

Ec175 Economics of Labour in Developing Countries

Dr Mazumdar. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course The course will examine the economics of labour absorption and the working of labour markets in both the rural and the urban sectors of less developed countries. It will include a discussion of the economics of internal migration.

Ec176 Monetary Economics Seminar

Mr Alford and others. Ten one-and-a-half hour meetings, Lent Term.

For M.Sc. final yr.

Ec177 Topics in Monetary Theory

Mr Fleming. 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.

Ec178 Applied Monetary Economics

Mr Fleming. Ten lectures, Lent Term.

For M.Sc. final yr.

Recommended reading H. G. Johnson *et al.* (Eds.), *Readings in British Monetary*

Economics; A. A. Walters (Ed.), *Readings in Money and Banking* (Penguin).

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 Mr 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 Ec137 Transport Economics Treated Mathematically (first five lectures), Ec167 Special Topics in Cost-benefit Analysis, Ec196 Urban Theory.

Ec182 (i) 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*.

Ec182(ii) Seminar in Public Sector Economics

Professor Prest. Fortnightly, Sessional.

For M.Sc. final yr. Others may attend by permission of Professor Prest.

Ec183 Public Enterprise Economics

Professor Bös. Six lectures, Lent Term.

For M.Sc. final yr.

Description of course Pricing and investment policies of public enterprises.

Ec184 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.

Ec185 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*.

Ec185(a) Classes

Ten classes, Lent Term.

Ec186 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.

Ec187 The Economics of Less Developed Countries

Professor Bauer and Mr Steuer. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; Optional for Dip. Soc. Admin. overseas option (one-yr.) 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. 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.

Ec188 Seminar on the Economics of Less Developed Countries

Professor Bauer and Professor Myint. Michaelmas and Lent Terms, in conjunction with Course Ec187. 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.

Ec189 Aspects of Economic Development (Classes)

Professor Myint, Mr Steuer and Dr Mazumdar. Fourteen classes, Lent and Summer Terms.

Ec190 Soviet Economic Structure

Professor Wiles. 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.

Recommended reading A. Nove, *The Soviet Economy*, 2nd edn.; K. Marx, *Value* (sometimes written "Wages"), *Price and Profit*; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook). Further reading will be given during the course.

Ec191 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.

Ec192 Techniques in Normative and Indicative Planning

Dr Gomulka and Professor Wiles. Thirty lectures, Michaelmas and Lent Terms. For M.Sc. final yr. **Description of course** General theory of macro, multisectoral and operational planning. Input-output, programming and simulation models. Convex programming, shadow prices and multilevel planning. The actual implementation of plans. **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*; S. Gupta, *Planning Models in India*; 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*; A. Zauberman, *Aspects of Planometrics*.

Ec193 Problems of Planning and Development (Seminar)

Dr Gomulka and Professor Wiles. Sessional. Attendance is by permission of Dr Gomulka. For M.Sc. final yr.

Ec194 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.

Ec195 Economics of Education and Manpower Planning

Dr Psacharopoulos. Ten lectures, Lent 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.

Ec196 Urban Theory

Lecturer to be announced. Ten lectures, Michaelmas Term. 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.

Ec196(a) Classes

Ten classes, Michaelmas Term.

Ec197 Topics in Urban Economics

Dr Richardson, Mr Jackman, and Dr Whitehead. Twelve lectures, Lent and Summer Terms. 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.

Ec198 Urban Economics (Seminar)

Mr Jackman, Dr Richardson and Dr Whitehead. Fortnightly, Michaelmas and Lent Terms. For M.Sc. final yr. and others by arrangement.

Note Students are also referred to course no. Ec184.

Ec199 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*; A. Leijonhufvud, *On Keynesian Economics and the Economics of Keynes*.

Ec199(a) Seminar
Twenty seminars.

Ec200 External Diseconomies
Professor Mishan. Ten lectures, Lent Term.

For M.Sc. and interested students.
Syllabus An analysis of those aspects of external diseconomies that bear on problems of environmental pollution.
Recommended reading "The Postwar Literature on Externalities: An Interpretive Essay", *Journal of Economic Literature* 1971. Other references will be given during the course.

Ec201 External Diseconomies (Classes)
Lent Term.

Note Students are also referred to courses Ec181, Ec196, Ec197 and Ec198.

Ec202 Practical Problems in the Economics of Pollution
Mr Marin. Five lectures, Michaelmas Term.
For M.Sc.

Ec203 Selected Topics in the Economics of European Integration
Lecturers to be announced. Thirty hours of lectures.
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.

Note Students will also be expected to attend selected lectures in course Ec182 The Economics of Public Finance.

Ec204 Seminar on the Economics of European Integration
Lecturers to be announced.
Michaelmas and Lent Terms.
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.
Professor Sen and Dr Dasgupta.
Michaelmas and Lent Terms.

Ec233 Graduate Seminar in Quantitative Economics
For M.Sc. final yr.

(i) Professor Sargan and others.
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 in Economics and Econometric Models
Professor Gorman. Ten lectures, Michaelmas Term.
For M.Sc. final yr.

Ec236 Macro-Economic Models
Mr Pudney. 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) **Collective Choice**
Professor Sen. Ten lectures, Michaelmas Term.
(ii) **Applications of Duality, Separability and Related Concepts**
Professor Gorman. Fifteen lectures, Lent and Summer Terms.

Ec238 Advanced Mathematical Economics II
For M.Sc. final yr.
Available only to students taking Advanced Mathematical Economics I.

(i) **The Theory of Growth**
Professor Morishima. Ten lectures, Michaelmas Term.
(ii) **General Equilibrium Theory**
Dr Dasgupta. Ten lectures, Lent Term.

(iii) **Special Topic**
Lecturer and 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. Dhrymes, *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 Mizon. Five Lectures, Michaelmas Term.

Description of course Non-linear econometric models, problems of formulation and inference. Numerical methods for non-linear optimization.

(ii) Autocorrelation in Simultaneous Equation 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) Finite Sample Theory

Professor Sargan. Five lectures, Lent Term.

Description of course Models with two endogenous variables, exact distributions, approximations, moments. General approximations to distributions, Nagar approximations to moments.

(iv) Statistical Forecasting

Professor Durbin. Five lectures, Lent Term.

Description of course Parametric-model methods, e.g. Box-Jenkins/Kalman Theory Exponential smoothings.

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 Introduction to Housing Economics

Professor Day. Five lectures, Michaelmas Term.

For M.Sc. final yr.
Syllabus The application of economic analysis to the housing market.

Ec261 Regional Economics

Dr Whitehead. Five lectures, Lent Term.

For M.Sc. final yr.
Description of course The location of industry and population, transport costs, externalities. Factor mobility, problems of labour and capital migration. The regional economic base. Regional multipliers and the regional balance of payments. Regional growth. Government policies towards regions and their consistency with national economic aims.

Recommended reading H. Richardson, *Elements of Regional Economics*; G. McCrone, *Regional Policy in Britain*. Other reading will be suggested at the beginning of the course.

Ec262 Seminar in Regional and Urban Economics

Professor Day and Mr Jackman. Fifteen meetings, Lent and Summer Terms.

Ec263 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

Mr Layard, Dr Psacharopoulos and Dr Richardson. Lent Term.

For academic staff and research students. Optional for M.Sc. final yr. The workshop will consider current research in Labour Economics.

Ec282 Workshop in Economic Research

For research degree students. This workshop offers students writing dissertations the opportunity to present their work for criticism and advice by staff and fellow students.

IV ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES

Ec283 Marxian Economics

Professor Wiles. Twenty lectures, Sessional.

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 Economics and Political Conflicts

Professor Sen and Professor von Weizsäcker. Twelve lectures, Michaelmas Term.

Description of courses (a) Interpersonal and Intergroup conflicts. (b) Topics in Income Distribution and Competition. **Recommended reading** for (a) 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*; A. K. Sen, *Collective Choice and Special Welfare*

(unstarred chapters); J. Rawls, *A Theory of Justice*.

Ec285 Seminar on Economic Inequality

Professor Atkinson, Mr Layard, Professor Sen and Dr Shorrocks. Fortnightly, Lent Term. For graduate students and undergraduates.

Ec286 Aspects of Income and Wealth Distribution

Dr Shorrocks. Nine lectures, Michaelmas Term. For graduate and undergraduate students. **Description of course** The course will examine empirical evidence on the distribution of personal income and wealth, discuss some simple theoretical approaches and consider the implications of various policy measures.

Recommended reading A. B. Atkinson, *The Economics of Inequality*; *Unequal Shares*; *Wealth, Income and Inequality*; H. F. Lydall, *The Structure of Earnings*. Additional references will be given at the beginning of the course.

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.

Ec288 Theory of Futures Prices

Dr Allingham. Four lectures, Lent Term.

For graduate and undergraduate students. **Description of course** The relationship between spot and futures prices under arbitrage, speculation and hedging. **Note** It is recommended that students should have attended course Ec287.

Economic History

EH100 The Economic History of Great Britain and the U.S.A., 1850-1939

Professor Barker 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*; 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*; N. J. Smelser, *Social Change in the Industrial Revolution*; 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

Dr Hunt and Mr W. M. Stern.

For B.Sc. (Econ.) Part II; M.Sc.

(i) 1815 to the 1880s

Dr Hunt. 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

Dr Hunt. Eight classes, Michaelmas and Lent Terms.

EH103(b) Classes

Dr Earle. Eight classes, Lent Term.

EH104 The Social and Political Structure of Britain in the Nineteenth Century

Professor John, Professor Barker 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 growth of population and its distribution; the major social groups in British society.

The press; the growth of science; religion in nineteenth-century England; some of the major schools of political and social thought. The structure of central and local government; the making of social policy; nineteenth-century 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*; 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*; 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*; G. M. Young, *Victorian England, Portrait of an Age*; 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 Stern.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. 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, including 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

Mr Potter and others. 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.

Recommended reading will be given during the course.

(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: A. C. Bolino, *The Development of the American Economy* (1966); 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

Mr Falkus. 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 Structure of the colonial economy; changes occasioned by Independence. The national economies: incorporation within the international economy; impact of migration and foreign investment; trade and the repercussions of export-led growth. International commercial rivalry in Latin America.

Retreat from the international economy: import substitution and industrialization. Structural changes and economic development. 'Economic imperialism' and economic nationalism. Terms of trade and the trade cycle. Disparate stages of development and 'internal colonialism'. Causes and consequences of frustrated development. Current economic trends in Latin America.

Recommended reading G. H. Beyer, *The Urban Explosion in Latin America*; H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; R. T. Brown, *Transportation and the Economic Integration of Latin America*; D. Chaplin, *Industrialization and the Distribution of Wealth in Peru*; R. Cortés Conde, *The First Stages of Modernization in Latin America*; W. Dean, *The Industrialization of Sao Paulo*; S. Dell, *A Latin American Common Market*; C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; H. S. Ferns, *Britain and Argentina in the Nineteenth Century*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; C. Furtado, *Economic Development in Latin America*; C. Furtado, *Obstacles to Development in Latin America*; W. P. Glade, *The Latin American Economies*; D. Joslin, *A Century of Banking in Latin America*; J. V. Levin, *The Export Economies*; M. Mamalakis and C. W. Reynolds, *Essays on the Chilean Economy*; A. K. Manchester, *British Pre-eminence in Brazil*; W. P.

McGreevey, *An Economic History of Colombia*; E. Perez Lopez, *Mexico's Recent Economic Growth*; D. C. M. Platt, *Latin America and British Trade*; A. Quijano, *Nationalism and Capitalism in Peru*; J. Ramos, *Labor and Development in Latin America*; S. J. and B. A. Stein, *The Colonial Heritage of Latin America*; P. C. M. Teichert, *Economic Policy Revolutions and Industrialization in Latin America*; V. L. Urquidí and R. Thorp, *Latin America in the international economy*.

EH110(a) Classes

Sessional.

EH111 Introduction to Quantitative Methods in Economic History

Mr Potter and Mr Thomas.

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 and Mr Falkus.

For B.Sc. (Econ.) Part II.

EH116 Problems in Quantitative Economic History (Class)

Mr Falkus and Dr Hendry.

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

EH117 Britain and the International Economy, 1919-1964 (Class)

Mr Baines and Mr Falkus.

This course will not be given until 1977-78.

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

Dr Hunt and Mr Baines. Twenty lectures and classes, Sessional.

For M.Sc. Other graduate students may attend by permission.

Syllabus Population growth and its economic and social implications; changes in the geographical distribution of population and the factors underlying mobility; immigration and emigration; the composition of the British labour force; the growth of trade unions, their organization and policy; the relationship between trade unionism and contemporary political movements; the emergence of a system of industrial relations; the state regulation of the conditions of work; the share of wages in the national income and the growth of real incomes; the problem of poverty and unemployment; working class self-help; co-operative distribution and friendly societies; the Poor Law and unemployment insurance; the role of education in the development of a labour force; the development of international labour organizations.

Recommended reading will be given at the beginning of the course.

EH131 The Sources and Historiography of the Economic History of England, 1350-1500 (Seminar)

Miss Coleman and Dr Bridbury. Fortnightly, Sessional.

EH132 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)

Dr Earle. Sessional.

EH133 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.

EH134 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.

EH135 The Sources and Historiography of the Economic History of the U.S.A., 1890-1929 (Seminar)

Mr Potter.

Sessional.

For M.Sc. Other graduate students may attend by permission.

EH136 Economic Growth Historically Considered (Seminar)

Mr Falkus. Sessional.

Also for students offering this option for M.Sc.: Demography.

EH137 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)

Professor Fisher. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

EH138 Seminar on Modern Economic History

Professor John and Mr W. M. Stern. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

EH139 American Population from Colonial Times to the Present (Seminar)

Mr Potter. Sessional.

For M.Sc.; M.A. (Area Studies) and other interested graduate students.

EH140 Economic History of the U.S.A., 1873-1939 (Seminar)

Mr Potter and others. 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.

EH141 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 degrees in Geography and all students must attend the field courses arranged on their behalf by the Department of Geography. Field studies normally take place during the Easter vacation in each session although B.Sc. (Econ.) students are not required to begin until they reach Part II of the degree. In addition to field courses arranged for all students, some courses may have specific fieldwork requirements and other appropriate fieldwork may be approved for individuals.

FIRST YEAR COURSES

Gy100 Introduction to Human Geography

Professor Wise and Professor 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. E. Dickinson, *Regional Ecology*; 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 F. Rose. 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 geograph are stressed. Three introductory lectures discuss scale, time and systems in physical geography, and are followed by:

1 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 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 regionalisation; 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.

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*.

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.

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. Dassmann, *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 Domsday 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*.

Gy208 Social Geography

Professor Jones. 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*; D. E. Sopher, *Geography of religion*.

Gy209 Urban Geography

Professor 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. Turnock, *Romania*.

Horton, *Geographical Perspectives on Urban Systems*; G. Breese, *Urbanization in Newly Developing Countries*; 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*; C. A. Moser and W. Scott, *British Towns*; L. Rodwin (Ed.), *The Future Metropolis*; G. Sjöberg, *The Pre-Industrial City*.

Gy210 Population Geography

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.

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

Professor Harrison Church. 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*.

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 Harrison Church, 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 and classes, 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 developments in leading sectors of the economy, and of the geographical implications of government activity.

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.

Gy217 Latin America I: Pre-Industrial Societies

Dr Newson. Sessional.

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. Twenty 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 Brunnsden 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*.

Gy302 Biogeography: II

Dr Rose and Dr Yates. An intercollegiate course. At King's College.

For B.A./B.Sc. c.u. main field Geog. 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 areal 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. Barnett 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. Muntun, *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*; C. F. Pratten, *Economics of Scale in Manufacturing Industry*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing: A Selection of Readings*; 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*; E. J. Taaffe and H. L. Gautier, *Geography of Transportation*; Alan Hay, *Transport and the Space Economy*; Ministry of Transport, *Traffic for Industry* (Summary Report, 1968).

Gy307(a) Advanced Economic Geography: (iii) Industry (Class)

Five classes in connection with course Gy307.

Gy308 Advanced Social Geography

Professor 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

Professor Harrison Church and others. Sessional.

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*; D. Senior (Ed.), *The Regional City*; 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*. 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 Philosophy, Methodology and Explanation in Geography

Mr Drewett and Dr Spence.

Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; graduate students by permission.

Syllabus Scientific explanation through inductive and deductive reasoning. The structure of scientific hypotheses and the

development of theories and laws. The use of models, systems and model languages for geographic explanation. Evaluation of methodology and levels of explanation in geography. Elaboration of specific philosophies and methods in geography. **Recommended reading** H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolutions*; 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*.

Gy314 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*; Et. Juillard, *L'Europe Rhénane*; Li. Saville, *Regional Economic Development in Italy*; H. D. Clout, *The Geography of Post-War France*; H. D. Clout (Ed.), *Regional Development in Western Europe*.

Gy315 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*.

Gy316 Africa II (West Africa)

Professor Morgan and Professor Harrison Church. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (Students take this course or course Gy317); 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*.

Gy317 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 Gy316.); 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.

Gy318 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*. Some background to modern patterns and problems can be obtained from H. F. Williamson (Ed.), *The Growth of the American Economy*, part V. For Canada: see P. Carnu, 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*.

Gy319 Latin America II: Industrial Societies

Dr Newson. Twenty-five lectures, Sessional.

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*.

Gy320 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*.

Gy321 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.

Economics and Geography of Transport

Note Students are referred to Courses Ec136, Ec136a and Ec137.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II. Advice will be given on which sections of the courses are required.

FOR GRADUATE STUDENTS

Note Courses Gy400–Gy415, Gy451 and Gy453 are intended primarily for students reading Geography for M.Sc. All M.Sc. students should consult their advisers in selecting courses which meet the specific requirements of their degree syllabus.

Gy400 Modern Geographical Thought and Practice

Dr Board and others. Sessional.

A course of lectures and discussions in methodology.

Recommended reading P. English and R. E. Mayfield (Eds.), *Man, Space and Environment*; W. K. D. Davies (Ed.), *The conceptual revolution in Geography*; M. Chisholm, *Human Geography: Evolution or Revolution*.

Gy401 Quantitative Methods in Geography

Dr Spence. Sessional.

Also for M.Phil. and Ph.D. students by permission.

Syllabus Spatial probability models, sampling and statistical inference, correlation and regression, factor analytic models, taxonomic procedures, spatial series, canonical models.

Recommended reading L. J. King, *Statistical Analysis in Geography*.

Gy402 Project Seminar

Mr Drewett and others. Twenty-five seminars, Sessional.

For all graduate students in the Department of Geography.

Syllabus A series of discussions on their current research interests and problems introduced by graduate students and by members of staff of the Department of Geography.

Gy403 Geographical Research Seminar

Mr Diamond, Professor Jones and others. Michaelmas and Lent Terms.

For all graduate students in the Department of Geography. Also for M.Sc. in Regional and Urban Planning Studies. A series of lectures and discussions presented by invited speakers, reflecting the broad spectrum of current geographical and planning research.

Gy404 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.

Gy405 Geography of Industry

Dr J. E. Martin. Twenty lectures, Sessional.

Syllabus Industrial linkage, subcontracting and geographical association of industries; economies of agglomeration. Industrial cities and regions; intrametropolitan location and the economic base. Empirical studies of industrial location and movement; methods of research, sources and problems. Location decision making and location theory. Transportation, freight rates and comparative costs in the geography of industry.

Recommended reading D. M. Smith, *Industrial Location: an Economic Geographical Analysis*; A. Pred, *Spatial Dynamics of U.S. Urban-Industrial Growth, 1800-1914*; P. A. Groves, *Towards a Typology of Intrametropolitan Manufacturing Location*; S. C. Orr and J. B. Cullingworth, *Regional and Urban Studies*; F. E. I. Hamilton, *Spatial Perspectives on Industrial Organization and Decision-making*; L. Collins and D. Walker, *Locational Dynamics of Manufacturing Activity*; M. J. Moseley, *Growth Centres in Spatial Planning*; J. Friedmann and W. Alonso, *Regional Policy; readings in theory and appliance*; S. E. Joint Planning Team, *Strategic Plan for the South East*, Studies, Vols. 1 and 5; W. F. Luttrell, *Factory Location and Industrial Movement*; P. M. Townroe, *Industrial Location Decisions*; M. L. Greenhut and M. R. Colberg, *Factors in the Location of Florida Industry*.

Gy406 Transport Studies

Dr K. R. Sealy.

Students are advised to take Course Ec136 Economics and Geography of Transport, if they have not already done so.

Syllabus Characteristics and analysis of transport networks, aspects of market research, transport planning with particular reference to road and air transport. Where possible, practical work will be set in association with this course.

Recommended reading General references: E. J. Taaffe and H. L. Gauthier, *Geography of Transportation*; A. Hay, *Transport for the Space Economy*; K. M. Gwilliam, *Transport and Public Policy*; D. J. Reynolds, *Economics, Town Planning and Traffic*; J. R. Meyer, J. F. Kain and M. Wohl, *The Urban*

Transportation Problem; K. R. Sealy, *The Geography of Air Transport* (2nd edn.); A. Rosenberg, *Air Travel within Europe*; B. T. Bayliss and S. L. Edwards, *Transport for Industry* (H.M.S.O.); M. Peters, *International Tourism*; P. Haggett and R. J. Chorley, *Network Analysis in Geography*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; K. R. Sealy, *Airport Strategy and Planning*.

Gy407 Resource Management and Utilisation

Mrs Rees. Sessional.

Syllabus Economic methods of resource allocation, pricing systems, investment appraisal, cost-benefit analysis. Real world methods used to allocate land, water, fuels and minerals between competing uses. The distribution of resources that results. Conservation *versus* management. Environmental quality problems. Environmental assessment studies. Decision-making processes in the public and private resources development sectors.

Gy408 Urban Geography

Professor E. Jones and others. Sessional.

Syllabus Urban origins, growth and the process of urbanisation. Theories of differentiation within cities, relating to function and society.

Gy409 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.

Gy410 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*.

Gy411 Fluvial Processes and Physical Hydrology

Dr Thornes. Twenty-five lectures, Sessional.

For M.Sc.

Syllabus The examination of the principal controls of water and sediment yields in basin sediment systems and their relationship to basin and channel morphology. The problems of deterministic and stochastic modelling of these systems. **Recommended reading** P. Eagleson, *Dynamic Hydrology*; J. R. L. Allen, *Physical Processes of Sedimentation*; M. A. Carson and M. J. Kirkby, *Hillslope Form and Processes*.

Gy412 Geography of West Africa

Professor Harrison Church and Professor Morgan. Sessional.

Syllabus The economic and social geography of West Africa with particular reference to problems of site and location in selected regions and countries.

Gy413 The Spatial Structure of the South African Economy

Dr Board. Michaelmas and Lent Terms.

Syllabus Stages of economic development and their spatial manifestation, socio-economic regionalisation, nodal regions and their integration in development regions.

Recommended reading J. R. P. Friedmann, *Regional Development Policy*; T. Bell, *Industrial Decentralisation in South Africa*; L. P. McCrystal, *City, Town or Country*.

Gy414 Regional Problems in the United States

Dr Estall. Twenty-two lectures, Sessional.

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*.

Gy415 The Spatial Structure of the Communist World

Dr Hamilton. Sessional.

The course examines selected aspects of the spatial planning, spatial analysis and spatial interaction of economic and social patterns and change in the countries of the Communist World.

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 Planning*.

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. Brunson, 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:

- The nature of the political community
- The relationship between political knowledge and political activity
- The nature of government and law
- The differing types of constitution
- 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. 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 the activity of 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 1976-77 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. Ten classes, Lent Term.

Gv102 Political Thought

Mr Minogue. Twenty-five 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 from Hobbes to Burke

Mr Minogue. Ten lectures, Lent Term.

This course will not be given in 1976-77.

For B.Sc. (Econ.) Part II.

Syllabus The course is designed to examine some of the main issues arising in Hobbes, Spinoza, Locke, Rousseau, Hume, Bentham and Burke, particularly the problem of individuality and its political significance. The political thought of these philosophers will be related where relevant, to their ethical and epistemological positions.

Texts James I, *The Trew Law of Free Monarchies*; F. Bacon, *The Advancement of Learning*; R. Descartes, *Discourse on Method*; T. Hobbes, *Leviathan* (Ed. M. Oakeshott); J. Locke, *Two Treatises of Government* (Ed. P. Laslett); B. Spinoza, *The Political Works* (Ed. W. Wernham); J. Milton, *Areopagitica*; B. de Mandeville, *Fable of the Bees* (Ed. B. Kaye); D. Hume, *Treatise of Human Nature*; Montesquieu, *The Spirit of Laws*; J. J. Rousseau, *The Social Contract*; J. Bentham, *Introduction to the Principles of Morals and Legislation* (Ed. W. Harrison); E. Burke, *Conciliation with the Colonies*; T. Paine, *Rights of Man*; J. Harrington, *Oceana*; G. Savile (Halifax), *The Character of a Trimmer*; J. Swift, *Gulliver's Travels*; W. Godwin, *Political Justice*.

Gv106 Political Philosophy from Rousseau to Hegel

Mr Charvet. Ten lectures, Michaelmas Term.

This course will not be given in 1976-77.

For B.Sc. (Econ.) Part II.

Syllabus This course will concentrate on the development of the idea of freedom in the political philosophies of Rousseau, Kant and Hegel.

Gv107 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

Gv108 French Political Thought

Professor Cranston. Ten lectures, Michaelmas Term.

This course will not be given in 1976-77.

For B.Sc. (Econ.) Part II and all interested graduate and undergraduate students.

Syllabus Aspects of French political thought from the late Renaissance to the contemporary world.

Recommended reading will be given at the beginning of the course.

Gv109 Political Philosophy

Professor Cranston, Dr Orr, Dr Rosen and Mr Charvet. Fourteen lectures, Lent and Summer 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. Oakeshott, *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*.

Gv109(a) Class

Professor Cranston, Dr Orr and Dr Rosen. Lent and Summer Terms, in connection with Course Gv109. For second-year students.

Gv109(b) Class

Mr Charvet, Dr Orr and Dr Rosen. Michaelmas and Lent Terms in connection with Course Gv109. For third-year students.

Gv110 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*.

GENERAL READING OR FOR REFERENCE: L. Lancaster (Ed.), *Masters of Political Thought*, Vol. 3; J. Boule, *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*. Further reading will be given in lectures and classes.

Gv110(a) Class

Mr Thorp and Mr Charvet. In connection with Course Gv110. For second-year students.

Gv110(b) Class

Mr Thorp and Mr Charvet. Fortnightly, Michaelmas and Lent Terms, in connection with Course Gv110. For third-year students.

Gv111 The Political Thought of Marx and some Neo-Marxists

Mr Charvet. Ten lectures, Lent Term.

This course will not be given in 1976-77.

For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

Gv112 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 graduate students in the Government department.

Gv121 History of Political Thought (Seminar)

Professor Kedourie, Professor Oakeshott, 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 1976-77.

Gv125 Marxism after Lenin (Seminar)

Mrs de Kadt. Ten meetings, Lent Term.

This course will not be given in 1976-77.

For all interested graduates. Undergraduates may attend by permission.

Gv126 Russian Nineteenth Century Intellectual History (Seminar)

Professor Schapiro and Mrs de Kadt. Lent 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 Dr Donoughue. 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 Arguments and Beliefs in British Politics, with particular reference to Parties and Parliament

Dr Barker. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus The expansion of the state and its relation to political arguments in 20th century Britain: collectivism, anti-statism, pluralism, and the arguments of technocracy. The ideologies of the Conservative and Labour Parties. Conflicting views of the function of Parliament. Parliamentary

government and Parliamentary Democracy. **Recommended reading** E. Barker, *Political Thought in England from Herbert Spencer to the Present Day*; A. V. Dicey, *Law and Public Opinion in England*; Frank Bealey, *The Social and Political Thought of the British Labour Party*; R. J. White, *The Conservative Tradition*; R. G. Bassett, *The Essentials of Parliamentary Democracy*; H. J. Laski, *Parliamentary Government in England*; R. Butt, *The Power of Parliament*.

Gv152 Parties, the Electoral Process, and the Political Culture
Mr Barnes and Dr Nossiter. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus British political culture. Political learning and socialisation. Elections and the electoral system. Voting behaviour. Interests and political pluralism. Parties, their organization, finance, and relationship with other interests. Political communication, public opinion, and the mass media.

Recommended reading will be given out at the beginning of the course.

Gv153 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.

Gv153(a) Class

Ten fortnightly classes, Michaelmas, Lent and Summer Terms.

Gv154 History of British Politics in the Twentieth Century

Mr Beattie and Mr Barnes.

Twenty lectures of one hour, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus and recommended reading will be given at the beginning of the course.

Gv154(a) Class

Five fortnightly classes, Lent and Summer Terms, for second-year students.

Gv154(b) Class

Five fortnightly classes, Michaelmas Term, for third-year students.

Gv155 The British Cabinet (Seminar)

Mr Barnes, Mrs Bennett and Dr Regan. Ten meetings, Lent Term. For B.Sc. (Econ.) Part II. Graduate students may attend by invitation.

Syllabus Administrative, constitutional and political aspects of the British Cabinet in the twentieth century. Topics covered will include the Cabinet as initiator of legislation, co-ordinator of policy and arbitrator of disputes. Special attention will be paid to the development and operation of the Cabinet Secretariat and the Cabinet Office, Cabinet committees, defence and economic machinery.

Recommended reading R. K. Alderman and J. A. Cross, *The Tactics of Resignation: A Study in British Cabinet Government*; J. E. Alt and V. Herman, *Cabinet Studies*; L. S. Amery, *Thoughts on the Constitution*; J. Anderson, *The Machinery of Government*; C. R. Attlee, *The Labour Party in Perspective*; F. A. Bishop, *The Administration of Foreign Policy*; J. Bray, *Decision in Government*; S. Brittan, *Steering The Economy*; R. G. S. Brown, *The Administrative Process in Britain*; D. N. Chester (Ed.), *Lessons of the British War Economy*; D. N. Chester and F. M. G. Willson, *The Organization of British Central Government*; Sir Richard Clarke, *New Trends in Government*; R. H. S. Crossman, *Inside View: Diaries of a*

Cabinet Minister; R. H. S. Crossman (Ed.), *Walter Bagehot: The English Constitution*; H. Daalder, *Cabinet Reform in Britain*; H. Dalton, *High Tide and After*; J. Ehrman, *Cabinet Government and War 1890-1940*; P. Gordon Walker, *The Cabinet*; W. K. Hancock and M. Gowing, *The British War Economy*; Lord Hankey, *Government Control in War: Science and Art of Government*; Bruce W. Headey, *British Cabinet Ministers*; H. Hecló and A. Wildavsky, *The Private Government of Public Money*; D. Howell, *A New Style of Government*; N. Hunt (Ed.), *Whitehall and Beyond*; Lord Ismay, *The Memoirs of Lord Ismay*; F. A. Johnson, *Defence by Committee*; T. Jones, *Whitehall Diary*; A. King (Ed.), *The British Prime Minister*; K. Loewenstein, *British Cabinet Government*; W. J. M. Mackenzie and J. Grove, *Central Administration in Britain*; J. P. Mackintosh, *The British Cabinet*; H. Macmillan, *Tides of Fortune*; G. Mallaby, *From My level*; R. K. Middlemas and J. Barnes, *Baldwin: A Biography*; H. Morrison, *Government and Parliament*; R. K. Mosely, *The Story of the Cabinet Office*; J. C. Ries, *The Management of Defense*; J. H. Robertson, *Reform of British Central Government*; S. W. Roskill, *Hankey: Man of Secrets*; T. Sorensen, *Decision-Making in the White House*; Earl of Swinton, *Sixty Years of Power*; S. S. Wilson, *The Cabinet Office Up To 1945*; F. Williams, *The Triple Challenge: A Prime Minister Remembers*; Lord Windlesham, *Politics in Practice*.

Gv156 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*.

Gv157 Public Administration (Class)

Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II.

Gv158 Aspects of Government Planning and Administration

Mr J. Robertson. Sixteen lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus This course will discuss the aims, methods and machinery of government planning and administration in the context of the political and policy making processes. It will consider a number of areas of government activity such as economic planning, expenditure planning, policy planning, industrial strategy, law making and law reform, and government policy for science and technology. These will be used as 'case studies' to throw light on relations between Parliament, ministers and civil servants, on relations between generalists and specialists, on questions of accountability and control, on the nature of management in government, and on other traditional issues in public administration.

Particular attention will be given to the growing importance of futures studies and citizen participation, and also to the suggestion that the traditional problems of institutionalised government are to some extent becoming irrelevant in modern society.

Recommended reading will be given at the beginning of the course.

Gv158(a) Aspects of Government Planning and Administration (Seminar)

Mr J. Robertson. Sixteen seminars, Michaelmas and Lent Terms.

For M.Sc.

For syllabus see course Gv158.

Gv159 An Introduction to Public Policy Making

Dr Regan. Eight 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*; R. J. Art, *The TFX Decision: McNamara and the Military*; R. A. Bauer and K. J. Gergen (eds.), *The Study of Policy Formation*; N. Boaden, *Urban Policy Making*; Jeremy Bray, *Decision in Government*; R. H. S. Crossman, *Inside View*; R. A. Chapman (Ed.), *The Role of Commissions in Policy-Making*; R. A. Dahl and C. E. Lindblom, *Politics Economics and Welfare*; C. J. Davies, *The Politics of Pollution*; Yehezkel Dror, *Design for Policy Sciences; Ventures In Policy Sciences; Public Policy Making Re-examined*; Andrew Dunsire, *Administration: the word and the science*; T. R. Dye, *Politics, Economics and the Public: Policy Outcomes in the American States; Understanding Public Policy*; Amitai Etzioni, *The Active Society*; Roy Gregory, *The Price of Amenity*; Hugh Hecló, *Modern Social Politics in Britain and Sweden: From Relief to Income Maintenance*; Hugh Hecló and Aaron Wildavsky, *The Private Government of Public Money*; C. O. Jones, *An Introduction to the Study of Public Policy*; C. E. Lindblom, *The Intelligence of Democracy; The Policy Making Process*; C. E. Lindblom and D. Braybrooke, *A Strategy of Decision*; T. J. Lowi, *The End of Liberalism*; R. Mayntz and F. W. Scharpf, *Policy Making in the German Federal Republic*; Pat Niner, *Local Authority Housing Policy and Practice—A Case Study Approach*; Austin Ranney (Ed.), *Political Science and Public Policy*; Gerald Rhodes, *Committees of Inquiry*; R. Rose (Ed.), *Policy Making in Britain: A Reader in Government*; E. E. Schattschneider, *The Semi Sovereign People*; Donald Schon, *Beyond The Stable State*; H. A. Simon, *Administrative Behaviour*; 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*; Harold Stein (Ed.), *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*; Aaron Wildavsky, *The Politics of the Budgetary Process*.

Gv160 British Government and Bureaucracy

Professor G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

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. Walles, *Governing Britain*; J. A. Cross, *British Public Administration*; 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. Hecllo and A. Wildavsky, *The Private Government of Public Money*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; C. P. Snow, *Science and Government*; N. Walker, *Morale in the Civil Service*; 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*.

Gv161 Modern British Government (Classes)

Dr Barker, Mr Barnes, Dr Regan and Dr Nossiter. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Classes will be held in connection with courses Gv151, Gv152 and Gv160.

Gv162 British Political Parties and the Electorate (Seminar)

Mr Pickles, Mr Barnes and Dr Nossiter.

Ten 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.

Gv163 Electoral Sociology and Democracy

Dr Nossiter. Eight lectures, Lent Term.

For M.Sc. Optional for B.Sc. (Econ.) Part II.

Description of course This course of eight lectures is an optional course for students whether undergraduate or postgraduate—who are particularly interested in the study of elections, offering reports on 'research in progress' and an assessment of contemporary publications in the field.

1. The revival of interest in the historical study of elections: England, 1832–1880.

Lectures 1–3 Reading: M. Brock, *Great Reform Bill*; N. Gash, *Politics in the Age of Peel*; H. J. Hanham, *Elections and Party Management: Disraeli and Gladstone*; C. O'Leary, *Elimination of Corrupt Practices*; J. P. Vincent, *Poll Books*; P. Clarke, 'Electoral Sociology of Modern Britain', *History* (57) 1972; W. O. Aydelotte, *Quantification in History*; T. O. Lloyd, *General Election of 1880*; R. S. Neale, *Class and Ideology in 19th Century*; D. C. Moore, 'Concession or Cure: First Reform Act', *Hist. Jnl.* (9) 1966; T. J. Nossiter, *Influence, Opinion and Political Idioms*.

2. Contemporary British Voting Studies.

Lectures 4–6 (i) On the art and science of surveys (ii) Have voting studies contributed to political understanding? (iii) Young British Voters—political socialization and political communications. Reading: Butler & Stokes, *Political Change* (1st and

2nd editions); R. Rose, *Electoral Behaviour*; Bob Jessop, *Traditionalism*; D. E. Butler, *et al*, *General Election of . . .* espec. 1970 and 1974; D. Marsh, 'Political Socialisation', *British Journal of Political Science*, 1971 and 1975; R. E. Dowse and Hughes, *Political Sociology*, (chapter on Political Sociology); D. O. Sears, 'Political Behaviour' in G. Lindzey (Ed.), *Handbook of Social Psychology* (2nd edn.), Vol 5, 1969; E. P. Tapper & R. A. Butler, 'Continuity & Change in Adolescent Party Prefs', *Political Studies*, (18) 1970. 3. The neglected case of how one-fifth of the world polls: India. Lectures 7 and 8: General outline followed by case study of the communist support in Kerala, India. Reading: W. H. Morris-Jones, *Government and Politics in India*; A. H. Hanson, *Indian Democracy*; R. Kothari, *Electoral Politics*; S. Eldersveld, 'Party Identification in India', *Comparative Political Studies*, (6) 1973; D. Zagoria, 'Kerala & West Bengal', *Problems of Communism*, 1974.

Gv164 Aspects of Comparative Local Government

Professor G. W. Jones. Ten lectures, Lent Term.

For M.Sc. Recommended for other graduate students. Optional for B.Sc. (Econ.) Part II.

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*; M. J. Campbell, T. G. Brierly and L. F. Blitz, *The Structure of Local Government in West Africa*; 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*. Other books and articles will be recommended at the beginning of the course.

Gv165 Aspects of Comparative Local Government (Seminar)

Professor G. W. Jones. Summer Term.

For M.Sc. and other interested graduate students.

Gv166 Comparative Political Institutions

For B.Sc. (Econ.) Part II.

(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) Selected Key Topics

Members of the department. Five lectures, Lent Term.

(v) France

Dr Wright. Five lectures, Summer Term.

Gv166(a) Comparative Political Institutions Classes

Dr Wright, Dr G. R. Smith, Mr Wolf-Phillips, Mr Reddaway and other members of the department. Twenty classes, Michaelmas and Lent Terms for third-year students. There will be a preliminary meeting in the previous Summer Term. For B.Sc. (Econ.) Part II.

Gv167 Politics in Africa

Mr Panter-Brick. Ten 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. **Selected reading** H. Bienen, 'One Party Systems in Africa' in S. P. Huntington and C. H. Moore (Eds.), *Authoritarian Politics on Modern Colonial Rule*, Part III; R. First, *The Barrel of a Gun*; S. P. Huntington, *Political Order in Changing Societies*; R. R. Kaufman, 'The Patron-Client Concept and Macro-Politics' in *Comparative Studies in Society and History*, Vol. XV, No. 4, 1974; 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 & 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 B.Sc. (Econ.) Part II students may attend Course IR109 if they so desire.

Gv167(a) Politics in Africa (Class)
Mr Panter-Brick. Lent and Summer Terms.

Gv168 Politics and Government of France

Mr Pickles and Dr Wright.
Twenty-five lectures, Sessional.
This course will not be given in 1976-77.

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.

Gv168(a) Politics and Government of France (Class)

Dr Wright. Fifteen classes, Michaelmas and Lent Terms.
This course will not be given 1976-77.

For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

Gv169 Politics and Government of the U.S.A.

Professor Letwin. Twenty lectures, Lent Term.
For B.Sc. (Econ.) Part II.
Syllabus and recommended reading will be given at the beginning of the course.

Gv169(a) Class

Fortnightly, Michaelmas and Lent Terms, in connection with Course Gv169.
For B.Sc. (Econ.) Part II.

Gv170 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.

Gv170(a) Class

Mrs de Kadt. Fortnightly, Lent Term in connection with Course Gv170.
For second-year students.

Gv170(b) Class

Mr Reddaway. Fortnightly, Michaelmas and Lent Terms, in connection with Course Gv170.
For third-year students.

Gv171 Russian Political Thought in the Nineteenth Century

Mrs de Kadt. Ten lectures, Lent Term, in connection with Course Gv170.
For B.Sc. (Econ.) Part II and interested graduate students.
Syllabus and recommended reading will be given at the beginning of the course.

Gv172 The Politics and Government of Germany

Dr G. R. Smith. Lent and Summer Terms.
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. E. Birnbaum, *East and West Germany: A Modus Vivendi*; 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*; E. Feuchtwanger (Ed.), *Upheaval and Continuity*; 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*; G. K. Roberts, *West German Politics*; K. Sontheimer, *The Government and Politics of West Germany*;

R. Tilford (Ed.), *The Ostpolitik and Political Change in Germany*; P. Windsor, *Germany and the Management of the Détente*.

Gv172(a) Class

Dr G. R. Smith. Lent and Summer Terms, in connection with course Gv172.
For B.Sc. (Econ.) Part II.

Gv173 Political and Economic Aspects of Public Policy Formation

Professor Letwin and others.
Twenty-five lectures, Lent and Summer Terms.
For B.Sc. (Econ.) Part II; M.Sc. and other students by permission.
Syllabus This course is designed to explore (1) relations between government and the economy in the 'mixed economies' of the Western world, and (2) the relations between modern political science and modern economic theory as modes of analysing social questions. Particular subjects treated under (1) are political and economic aspects of inflation, full employment, public finance, regulation of hours and wages, regulation of private enterprise, cost-benefit analysis, and policy-making for nationalised industries and governmental agencies engaged in the sale of goods and services. Emphasis is placed on legislation, adjudication and administration as instruments of social policy, and their defects as well as merits in achieving the desired goals. Particular subjects treated under (2) are: the 'economic theory of democracy', game theory as a mode of analysing political and economic conflict, systems analysis and the political aspects of economic welfare theories. The purpose in this second part of the course is to provide an introduction to the interactions between political and economic thinking about the decisions of government.
Recommended reading for Section 1: R. J. Ball and P. Doyle (Eds.), *Inflation (1970?)*; E. E. Bridges, *Treasury Control (1950)*; S. Brittan, *Steering the Economy: The Role of the Treasury (1969)*; J. C. R. Dow, *The Management of the British Economy 1945-1960 (1964)*; J. Hayward, *Private Interests and Public Policy (1966)*; C. J.

Hitch and R. N. McKean, *Economies of Defence in the Nuclear Age* (1960); T. W. Hutchison, *Economists and Economic Policy in Britain 1946-1966* (1968); W. A. Joehr and H. W. Singer, *The Role of the Economist as Official Adviser* (1955); C. M. Keeling, *Management in Government*; E. J. Mishan, *Welfare Economics* (1968); W. A. Robson, *Nationalised Industries and Public Ownership* (1961); C. Schultze, *The Politics and Economics of Public Spending* (1968); W. G. Shepherd, *Economic Performance under Public Ownership: British Fuel and Power* (1965); J. Tinbergen, *On the Theory of Economic Policy* (1952); A. B. Wildavsky, *The Politics of the Budgetary Process* (1964); For Section 2: B. M. Barry, *Sociologists, Economists and Democracy* (1970); D. Braybrooke and C. E. Lindblom, *A Strategy of Decision* (1963); J. B. Buchanan and G. Tullock, *The Calculus of Consent* (1962); A. Downs, *Economic Theory of Democracy* (1957); D. Easton, *A Framework for Political Analysis* (1969); M. Olson, *The Logic of Collective Action* (1965); A. Rappaport, *Strategy and Conscience* (1964); T. C. Schelling, *Strategy of Conflict* (1960).

Gv174 Political Organisation (Class)

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 and Dr Barker.

(b) Interpretations of the British Constitution

Mr Beattie.

(c) The emergence, passage and application of a statute

Mr Beattie.

Gv201 Twentieth Century British Politics (Seminar)

Dr Barker and Mr Beattie.

Michaelmas and Lent Terms.

For interested graduate and undergraduate students.

Gv202 Comparative Government (Seminar)

Mr Wolf-Phillips. Sessional.

For M.Sc.

Gv203 Comparative Federalism (Seminar)

Professor Letwin. Ten meetings, Summer Term.

For M.Sc.

Reading list to be distributed.

Gv204 Theories and Concepts of Political Sociology (Seminar)

Dr Nossiter, Mrs de Kadt and others. Sessional.

For M.Sc.

Gv205 Political Behaviour (Seminar)

Dr Nossiter and Mrs de Kadt. Michaelmas and Lent Terms.

For M.Sc.

Gv206 Revolutions and Social Movements (Seminar)

Dr Nossiter, Mrs de Kadt and others. Lent and Summer Terms.

For M.Sc.

Gv207 The Aims and Methods of Governmental Planning

Professor Self. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; 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.

Gv208(i) Planning Politics and Economics (Seminar)

Professor Self. Michaelmas Term, in conjunction with Course Gv207.

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.

Gv208(ii) Administration and Management (Seminar)

Professor Self and Mr J. Robertson. Summer Term.

For M.Sc. and other graduate students.

Gv209 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.

Gv210 Urban and Regional Planning: Politics and Administration

Professor Self, Professor G. W.

Jones 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*.

Gv211 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.

Gv212 Law and Administration (Seminar)

Professor Griffith, Dr Regan and Dr 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 J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.); K. C. Davis, *Discretionary Justice*; P. Nonet, *Administrative Justice*; J. Jowell, *Law and Bureaucracy*.

Gv213 Public Enterprise
Professor Robson. Nine lectures, Lent Term.

For M.Sc.; optional for B.Sc. (Econ.) Part II.

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 Musolif, *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*.

Gv214 Problems of Public Enterprise (Seminar)

Professor Robson. Nine meetings, Lent and Summer Terms. For M.Sc. Undergraduates may attend by permission.

Gv215 Public Administration (Seminar)

Professor Self, Professor G. W. Jones, Dr Regan, Mr J. Robertson and Mr Dawson. Sessional. For M.Sc.

Gv216 The British Civil Service (Seminar)

Professor Self, Professor G. W. Jones, Mr Dawson and Dr Regan. Lent Term.

For B.Sc. (Econ.) Part II and other undergraduate and graduate students interested.

The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

Gv217 France: Politics and Administration (Seminar)

Dr Wright. Sessional. This course will not be given 1976-77.

See also Course Gv168. For M.Sc. and other interested graduate students.

Gv218 West European Studies (Interdepartmental Seminar)

Dr G. R. Smith and Mr Taylor. 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.

Gv219 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.

Gv220 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.

Gv221 Politics and Government of the Middle East

Professor Kedourie. Ten lectures, Michaelmas Term.

This course will not be given in 1976-77.

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*; 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); 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).

Gv222 Government and Administration in New and Emergent States

Mr P. F. 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*; H. Wriggins, *The Rulers Imperative*.

Gv223 Government Regulation of the American Economy (Seminar)

Professor Letwin. Fortnightly, Lent and Summer Terms.
For graduate students.

Gv224 Comparative Constitutions (Seminar)

Mr Wolf-Phillips. Ten seminars, Lent Term.
For graduate students in the Government department and others by invitation.

Gv225 European Multi-Party Systems

Dr G. R. Smith.
This course will not be given in 1976-77.
For M.Sc.

Gv226 Politics and Government of Germany (Seminar)

Dr G. R. Smith. Lent and Summer Terms.
For M.Sc. and others interested.

Gv227 German National Socialism
Dr G. R. Smith. Lent and Summer Terms.
For M.Sc.

Gv228 The Politics and Government of Western Europe

Dr Wright and Dr G. R. Smith. Sessional.
This course will not be given in 1976-77.

For M.Sc. and other interested graduate students.

Gv229 Urban Studies Workshop

Sessional.
For Research students by invitation.

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 Seminar

Dr Philip. Ten seminars, Lent Term.
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*; D. Bell, *The Coming of Post Industrial Society*; 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*.

Id100(a) Industrial Relations: A Theoretical Analysis

Mr Winchester. Ten classes, Michaelmas Term.

For M.Sc. Industrial Relations; Dip. Personnel Management.

Id101 Industrial Relations: A Comparative Analysis

Professor Roberts. Ten lectures, Lent 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. Baron and K. W. Wallerburn, *Industrial Conflict—A Comparative Legal Survey*; B. C. Roberts and Bruno Liebhaber, 'The European Trade Union Confederation: Influence of Regionalism, Detente and Multinationals', in *British Journal of Industrial Relations* (Vol. XIV No. 3, November 1976).

Id101(a) Industrial Relations: A Comparative Analysis

Professor Roberts. Ten classes, Lent Term.

For M.Sc.

Id102 Industrial Relations and Personnel Management: Problems and Issues

Professor Roberts, Lady Seear and others. 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 Thurley 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, Mr Winchester and others. 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.

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 White Collar Unions*.

Id104(a) Industrial Relations (Class)

Mr Winchester. Sessional.

For the Trade Union Studies course.

Id104(b) Industrial Relations (Class)

Mr Wood. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

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 and Dr S. R. Hill.

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. Cunnison, *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*; K. Taira, *Economic Development and the Labor Market in Japan*; 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. Sturmthal (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*; M. Rimmer, *Race and Industrial Conflict*; P. Blau and O. Duncan, *The American Occupational Structure*; 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*.

Id106(a) Industrial Sociology

Weekly seminar groups in connection with Course Id106.

Id107 Industrial Organisation: Theory and Behaviour (I)

Mr Thurley, Mr Wood and Mr Guest. Twenty-five lectures (and cases), Sessional.

For Dip. Systems Analysis; M.Sc. in Accounting and Finance and M.Sc. in Operational Research.

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. Albrow, *Bureaucracy*; A. Hopwood, *Accounting and Human Behaviour*.

Id107(a) Industrial Organisation: Theory and Behaviour (Class)

Mr Wood in connection with Course Id107.

Id108 Industrial Organisation: Theory and Behaviour (II)

Mr Thurley, Mr Wood and Mr Guest. Seven lectures, Lent and Summer Terms.

For M.Sc. in Industrial Relations and Personnel Management.

Syllabus as for Course Id 107

Course is taken in conjunction with parts of Course Id 106 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 Thurley 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 Webb-Flanders controversy); the economics of strikes, costs and benefits 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*; B. J. McCormick and E. Owen-Smith, *The Labour Market*; A. R. Rees, *The Economics of Trade Unions*; Institute of Economic Affairs, *Inflation and the Unions*; R. E. Caves, *Britain's Economic Prospects*; 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; income as a means of equating manpower supply and demand, manpower utilisation. Information in the labour market, government manpower programmes, manpower planning and national economic objectives; manpower planning at the firm; the brain drain.

Recommended reading G. G. C. Routh, *Occupations and Pay in Great Britain, 1906-1960*; *Manpower Policy in the U.K. (O.E.C.D.)*; 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. Lambertson (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*, Saxon House, 1974. Students taking this course are also referred to Course Ec195 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.

Recommended reading B. Fleischer, *Labour Economics*; R. Perlman, *Labour Theory*; B. J. McCormick and E. Owen-Smith, *The Labour Market*; R. J. Ball and P. Doyle, *Inflation*; 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. (b) *The law of collective bargaining:* the legal enforceability of collective agreements. Relation-

ship 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*; C. W. Guillebaud, *The Role of the Arbitrator in Industrial Wage Disputes*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; O. Kahn-Freund, *Labour Law: Old Traditions and New Developments*; *Labour and the Law*; W. E. J. McCarthy, *The Closed Shop in Britain*; F. Meyers, *Ownership of Jobs: A Comparative Study*; *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*

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.

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*, *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 Thurley and Mr Wood. Sessional. For research students in Industrial Relations.
(ii) Mr Gennard. Lent Term. For the Trade Union Studies course; M.Sc.

Students are also referred to the following courses:

- No. Ec174 **Labour Economics**
- No. EH130 **British Labour History**
- No. Ll162 **Elements of Labour Law**
- No. 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.; B.A. Hist. 1st and 2nd years; B.A. French Studies 1st year. **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. **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 Hatton and Professor Joll. Twenty lectures and five seminars, Sessional. For B.Sc. (Econ.) Parts I and II.; B.A. Hist. 1st year; B.A. 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. 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 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.

Hy111(a) Classes

Sessional. In connection with Course Hy111.

Hy112 European History, c. 1600–1789 (Class)

Dr MacKay. Classes, Sessional.

For B.Sc. (Econ.) Part II.

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.

Hy113 British History, 1750–1914

Dr L. M. Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus A general outline course on British history during this period. It includes the early development of movements for political reform, the social and administrative problems presented by industrialization and the Irish question in British politics. It also considers the development of local and central administration.

Recommended reading will be given during the course.

Hy113(a) Classes

Michaelmas and Lent Terms. In connection with Course Hy113.

Hy114 European History, 1789–1945 (Class)

Dr Bullen. Classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

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.

Hy115 International History, 1815–1914

Dr 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.

Hy115(a) Classes

Sessional. In connection with Course Hy115.

Hy116 International History since 1914

Mr Grun 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*; Llewellyn 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.

Hy116(a) Classes

Sessional. In connection with Course Hy116.

Hy117 International History since 1933, Special Aspects

Professor Watt. Ten lectures, Lent Term.

A series covering special aspects of course Hy116.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; B.A. Hist.; M.A. and M.Sc.

Hy118 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).

Hy118(a) Classes

Lent Term. In connection with Course Hy118.

Hy119 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 Mediter-

ranean 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*.

Hy119(a) Classes

Lent Term. In connection with Course Hy119.

Hy120 British-American-Russian Relations, 1815–1914

Professor Anderson, Dr 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*; J. A. White, *The Diplomacy of the Russo-Japanese War*; A. Iriye, *Pacific Estrangement: Japanese and American Expansion, 1897–1911*; F. Kazemzadeh, *Russia and Britain in Persia, 1864–1914*.

Hy121 The Baltic in International Politics since 1815

Professor Hatton. Ten lectures, Michaelmas Term.

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*.

Hy121(a) Classes

Lent Term. In connection with Course Hy121.

Hy122 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*.

Hy122(a) Classes

Lent Term. In connection with Course Hy122.

Hy123 International Socialism and the Problem of War, 1870–1918

Professor Joll. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 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*.

Hy123(a) Classes

Lent Term. In connection with Course Hy123.

Hy124 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. Hirsowitz, *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*.

Hy124(a) Classes

Lent Term. In connection with Course Hy124.

Hy125 Fascism and National Socialism in International Politics, 1919–1939

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*.

Hy125(a) Classes

Lent Term. In connection with Course Hy125.

Hy126 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.

Hy127 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).

Hy128 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*.

Hy129 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).

Hy130 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.

Hy131 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*.

Hy132 Seminar in Government and Modern History

Mr Beattie and Dr Bullen.

Seminars will be held fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

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)
Dr 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.

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.

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
Dr Bourne.

Hy162 Anglo-American Relations, 1837–1860
Dr 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 Area Studies

Hy171 The History of Anglo-American Relations, 1815–1917 (Seminar)
Dr Bourne. Sessional.

Hy172 The United States and European International Politics, 1900–1945 (Seminar)
Professor Watt. Ten seminars Michaelmas Term and revision classes in Summer Term.

Hy173 International History of East Asia from 1900
Dr Nish and Mr Yahuda. Sessional.

(iii) M.A./M.Sc. Intercollegiate Seminar

For students of International History and War Studies at the Institute of Historical Research.

Hy174 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.

(iv) M.Sc. in European Studies

Hy175 European History since 1945 (Class)
Professor Joll. Sessional.

B. M.PHIL./PH.D. SEMINARS

Hy176 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.

Hy177 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.

Hy178 International History, 1814–1919 (Seminar)
Professor Joll and Dr Bourne. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll or Dr Bourne.

Hy179 International History since 1919 (Seminar)

Professor Watt, Mr Grün and Mr Robertson. Fortnightly, Sessional. Admission by permission of Professor Watt.

Hy180 Scandinavian History, 1815 to the Present Day (Seminar)
Professor Hatton. Fortnightly, Sessional.

Hy181 European History from 1648–1789 (Seminar)
Professor Hatton and Dr Roger Mettam. Fortnightly, Sessional. At the Institute of Historical Research.

Hy182 Central and West European History (Seminar)
Professor Carsten and Professor Joll. Fortnightly, Sessional. At 21 Russell Square.

General and Special Courses for B.A. Honours in History

Hy200 Introduction to British History

Dr L. M. Brown, Mr Gillingham and Dr Starkey. 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 1603

Dr Starkey. Twenty lectures, Michaelmas and Lent Terms.

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 1603 (Classes)

Dr Starkey. To be arranged.

For B.A.Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.

Hy203 British History from 1603 to 1750

Dr Starkey and Dr McKay.

Twenty lectures, Michaelmas and Lent Terms.

For B.A. Hist.; B.Sc. (Econ.) Part II.

Recommended reading will be given during the course.

Hy203(a) British History from 1603 to 1750 (Classes)

Dr Starkey and Dr McKay. To be arranged.

For B.A.Hist.; B.Sc. (Econ.) Part II.

Hy204 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.

Hy204(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.

Hy205 European History, 400–1200 (Classes)

Mr Gillingham.

For B.A. Hist.

Hy206 European History, 1200–1500 (Classes)

Mr Gillingham. To be arranged.

For B.A. Hist.

Hy207 European History, 1500–1800 (Classes)

Dr McKay and Dr Starkey. To be arranged.

For B.A. Hist.

Hy208 European History from 1800 (Classes)

Dr Bullen. To be arranged.

For B.A. Hist.

Hy209 World History (Classes)

Dr Polonsky.

To be arranged.

For B.A. Hist.

Hy210 The History of Political Thought (Class)

Dr Orr and Mr Charvet.

Michaelmas and Lent Terms.

For B.A. Hist. 2nd and 3rd yrs.

Hy211 Diplomatic History, 1814–1957 (Intercollegiate Classes)

Dr Bullen, Michaelmas and Lent Terms.

For B.A. Hist. 2nd and 3rd yrs.

Hy212 The History of Germany, c. 1860–1945 (Intercollegiate Classes)

Professor Joll, Michaelmas Term at L.S.E. Professor Carsten, Lent Term at the School of Slavonic and East European Studies. Mr Ludlow, Summer Term at Queen Mary College.

For B.A. Hist. 2nd yr.

Hy213 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.

Hy214 The Eastern Question, 1875–1881 (Intercollegiate Seminar)

Dr 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.

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:

No. EH107: **Social and Economic History of Western Europe**

No. Hy111: **International History, 1494–1815**

No. Hy115: **International History, 1815–1914**

No. Hy116: **International History since 1914**

No. Gv100: **An introduction to political thought: The Greeks**

No. Gv102: **Political Thought**

No. Gv104: **Three Key Mediaeval Political Thinkers**

No. Gv105: **Political Thought from Hobbes to Burke**

International Relations

IR100 Structure of International Society

Mr Banks. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.A. French Studies 1st yr.

Syllabus This course will focus firstly on the major historical, intellectual and sociological developments which have shaped international relations in the twentieth century, particularly the industrial and technological revolution, the spread of nationalism, the break up of the European empires and the rise of the superpowers; and secondly on the impact that these developments have had on traditional political discussion of force, power and authority in international society.

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 (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*; 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*.

IR100(a) Structure of International Society (Class)

Mr Banks and other members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

IR101 The International Political System

Professor Northedge. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; B.A. 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*; S. Hoffmann (Ed.), *Contemporary Theory in International Relations*; 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. Bozeman, *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*.

IR101(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. French Studies 2nd yr.

IR102 The Foreign Policies of the Powers

Members of the department, Mrs Pickles and Dr Nish. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.A. 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 1976-77.

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.).

(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. Fleron (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 Mendl, *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*.

IR103 Foreign Policy Analysis

Professor Goodwin. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.; M.Sc. and other graduate students.
Syllabus A discussion of the nature of foreign policy as an activity. Such aspects as the following will be considered: the terms used in the analysis and practice of

foreign policy; purposes, aims and determinants of foreign policy; internal and external influences; problems of co-operation, conflict and dispute with other states; methods of implementing foreign policy; problems of organization.
Recommended reading F. S. Northedge (Ed.), *The Foreign Policies of the Powers*, (2nd edn.); J. Frankel, *The Making of Foreign Policy*; P. Renouvin and J. B. Duroselle, *An Introduction to the History of International Relations*; 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, *International 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. Ikle, *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 Group Think*.

IR103(a) Foreign Policy Analysis (Class)

Professor Goodwin and others. Michaelmas and Lent Terms, beginning middle of the Michaelmas Term.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

IR104 Decisions in Foreign Policy

Mr C. J. Hill. Eight lectures, Lent Term.
For B.Sc. (Econ.) Part II; B.A. 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. Intro-

duction: 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 Group Think*; 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*.

IR105 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; 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*; W. C. Clemens, *The Arms*

Race and Sino-Soviet Relations; 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*; J. H. Kautsky, *Communism and the Politics of Development*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; 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*; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; R. F. Staar, *The Communist Regimes in Eastern Europe*; G. H. Stern, *Fifty Years of Communism*; D. W. Treadgold (Ed.), *Soviet and Chinese Communism: Similarities and Differences*; G. Wint, *Communist China's Crusade*.

IR106 The External Relations of the Chinese People's Republic

Mr Yahuda. Ten lectures, Michaelmas 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.

IR107 New States in World Politics

Dr Lyon. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.
Syllabus The central theme of the course will be the part played by new states in international order. Modern international history presents three main waves of new state making and these have each been consequent upon the collapse of imperial orders: (1) in Latin America in the early nineteenth century; (2) in Eastern Europe at the end of the First World War and in its aftermath; (3) in Asia and Africa, and elsewhere, since 1945. This course will mostly be concerned with the third of these phases, but it will begin by looking briefly at the two earlier phases to provide

a historical perspective and some bases for comparison.

Recommended reading C. E. Black, *The Dynamics of Modernization, A Study in Comparative History*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. S. Foltz (Eds.), *Nation-Building*; S. E. Finer, *The Man on Horseback*; P. H. Lyon, *Neutrality*; F. R. von der Mehden, *Politics of Developing Nations*; J. D. B. Miller, *The Politics of the Third World*; W. C. McWilliams, *Garrisons and Government, Politics and the Military in New States*; D. Rustow, *A World of Nations*; D. Apter, *The Politics of Modernization*; G. H. Jansen, *Afro-Asia and Non-Alignment*; E. Kedourie, *Nationalism*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*.

IR108 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. 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*; W. J. Barnds, *India, Pakistan and the Great Powers*; C. B. McLane, *Soviet Strategies in S.E. Asia*; F. Green, *U.S. Policy and the Security of Asia*; Tang Tsou (Ed.), *China's Policies in Asia*; C. P. Fitzgerald, *China and Southeast Asia since 1945*; D. C. Hellman,

Japan and East Asia; A. Lamb, *Asian Frontiers*.

IR109 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 Panafrikanism; 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 IR156 Foreign Relations of African States and may, if they wish, attend Course Gv167, Politics in Africa.

IR110 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 powers 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 Abd al 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*; P. Avery, *Modern Iran*.

IR111 International Institutions

Mr Sims and Dr Leifer. Seventeen 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 L. M. Goodrich and D. A. Kay (Eds.), *International Organization: Politics and Process*; K. J. Twichett (Ed.), *The Evolving United Nations: A Prospect for Peace?*; I. L. Claude, *Swords into Plowshares*, 4th edn., 1971; Sir Alfred Zimmern, *The League of Nations and the Rule of Law*, 2nd edn., 1939; J. Larus (Ed.), *From Collective Security to Preventive Diplomacy*; H. G. Nicholas, *The United Nations as a Political Institution*, 5th edn., 1975; F. P. Walters, *A History of the League of Nations*; A. M. James, *The Politics of Peace-keeping*; C. W. Jenks, *The World Beyond the Charter in Historical Perspective*; A. W. Rovine, *The First Fifty Years: The Secretary-General in World Politics 1920-1970*; I. L. Claude, *The Changing United Nations*; Y. El-Ayouty, *The United Nations and Decolonisation: The Role of Afro-Asia*; G. Liska, *Nations in Alliance*; R. E. Osgood, *Alliances and American Foreign Policy*; R. Hunter, *The Security of Europe*; M. Mackintosh, *The Evolution of the Warsaw Pact*; R. E. Neustadt, *Alliance Politics*; R. A. Falk and J. H. Mendlovitz (Eds.), *Regional Politics and World Order*; J. Slater, *The O.A.S. and U.S. Foreign Policy*; O. C. Stoetzer, *The Organization of American States*; G. Connell-Smith, *The Inter-American System*; I. W. Zartman, *International Relations in the New Africa*; Z. Cervenka, *The Organization of African Unity and its Charter*; E. Luard (Ed.), *The International Protection of Human Rights*; R. W. Cox and H. K. Jacobson, *The Anatomy of Influence: Decision Making in International Organisation*; S. D. Bailey, *The Secretariat of the UN; Voting in the Security Council*; A. Boyd, *Fifteen Men on a Powder Keg*; M. Elmandjra, *The UN System: An Analysis*; R. W. Gregg and M. Barkun (Eds.), *The UN System and its Functions*; R. B. Henig (Ed.), *The League of Nations*; L. B. Pearson et al, *Partners in Development* (Pearson Commission Report); I. J. Rikhye et al, *The Thin Blue Line: International Peacekeeping and its Future*; A. H. Robertson, *Human Rights in the World*; G. C. Scott, *The Rise and Fall of the League of Nations*; R. Townley, *The UN: A View from Within*; M. W. Zacher, *Dag Hammarskjöld's UN*; L. M. Goodrich, *The United Nations in a Changing World*.

IR111(a) International Institutions (Class)

Members of the department. Fifteen Classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

IR112 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 S. Wells, *International Economics*; C. Kindleberger, *Power and Money*; D. Wall, *The Charity of Nations*; R. Gardner and M. Millikan, *The Global Partnership*; R. Cox and H. Jacobson, *The Anatomy of Influence*; J. Nye and R. Keohane, *Transnational Relations*; F. Hirsch, *Money International*; R. Cooper, *Economics of Interdependence*.

IR112(a) The Politics of International Economic Institutions (Class)

Susan Strange. Five classes, Summer Term.

For B.Sc. (Econ.) Part II.

IR113 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*.

IR114 International Institutions and the International Environment

Professor Goodwin. Five lectures, Summer Term.

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.

IR115 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. 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*; R. Broad and R. J. Jarrett, *Community Europe Today*; 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*; W. Pickles, *Not With Europe; How Much Has Changed?*; 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*.

IR115(a) The Politics of Western European Integration (Class)

Five classes, Summer Term.

For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

IR116 The External Relations of the European Community

Professor Goodwin. Five lectures, Lent Term.

For M.Sc. European Studies; B.A. 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.

IR117 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 the right organization of the world and about right conduct in world politics.

Recommended reading A. P. d'Entrevies, *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*; P. Seabury (Ed.), *Balance of Power*; 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*; P. Ramsey, *The Just War, Force and Responsibility*; A. Wolfers and L. Martin (Eds.), *The Anglo-American Tradition in Foreign Affairs*; F. H. Hinsley, *Power and the Pursuit of Peace*.

IR117(a) Theories of International Politics (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

IR118 Conflict

Mr Sims. Five lectures, Michaelmas Term.

For undergraduate and graduate students interested.

Syllabus An introductory course on some theoretical approaches to the study of international conflict. Elementary concepts of conflict analysis; modes of analysis; levels of explanation; problems of causality. Elements of conflict processes: their incidence, correlates and dynamics in international relations; structural and perceptual theories compared; rank-disequilibrium; misperception; third-party intermediaries; outcomes of conflict.

Recommended reading K. E. Boulding, *Conflict and Defence*; J. W. Burton, *Conflict and Communication*; M. Deutsch, *The Resolution of Conflict*; M. Haas, *International Conflict*; L. Kriesberg (Ed.), *Social Processes in International Relations*; E. Luard, *Conflict and Peace in the Modern International System*; E. B. McNeil (Ed.), *The Nature of Human Conflict*; T. Mathisen, *Research in International Relations*; M. B. Nicholson, *Conflict Analysis*; R. Pettman, *Human Behaviour and World Politics*; D. G. Pruitt and R. C. Snyder (Eds.), *Theory and Research on the Causes of War*; C. G. Smith (Ed.), *Conflict Resolution*; S. L. Spiegel and K. N. Waltz (Eds.), *Conflict in World Politics*; Q. Wright, *A Study of War*; O. R. Young, *The Intermediaries*. Journals: *Journal of Conflict Resolution*; *Journal of Peace Research*.

IR119 Concepts and Methods of International Relations

Mr Banks. Fifteen lectures, Michaelmas and Lent Terms. For M.Sc.; B.Sc. (Econ.) Part II 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*; 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. T. Holt and J. E. Turner, *The Methodology of Comparative Research*; 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. Lepawsky 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 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*; C. L. Taylor and M. C. Hudson, *World Handbook of Political and Social Indicators*; J. Wilkenfeld (Ed.), *Conflict Behavior and Linkage Politics*; Q. Wright, *A Study of War*; C. Wulf (Ed.), *Handbook of Peace Education*.

IR120 Philosophical Aspects of International Relations

Professor Manning. Five or more lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc. **Recommended reading** J. L. Brierly, *The Basis of Obligation in International Law*; K. Boulding, *The Image*; E. H. Carr, *The Twenty Years' Crisis*; B. de Jouvenel, *On Power*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; G. L. Goodwin, *The University Teaching of International Relations*; F. Gross, *Foreign Policy Analysis*; S. H. Hoffman, *Contemporary Theory in International Relations*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; P. Laslett (Ed.), *Philosophy, Politics, and Society* (1st edn.); C. A. W. Manning, *The Nature of International Society*; T. Mathisen, *Methodology of the Study of International Relations*; F. Meinecke, *Machiavellism*; J. Plamenatz, *On Alien Rule and Self-Government*; K. Popper, *The Poverty of Historicism*; J. N. Rosenau, *International Relations and Foreign Policy*; K. Waltz, *Man, The State, and War*; R. Sterling, *Ethics in a World of Power*; T. D. Weldon, *The Vocabulary of Politics*; P. Winch, *The Idea of a Social Science*.

IR121 Psychological Aspects of International Relations

Professor Northedge. Eight lectures, Lent and Summer Terms. For B.Sc. (Econ.) Part II; M.Sc.

Syllabus An examination of 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 bearing; 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, *Sykeswar*; 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*; 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. 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 C. Kindleberger (Ed.), *The International Corporation*; L. Turner, *The Multinationals and the Third World*; J. Dunning (Ed.), *The Multinational Enterprise*; C. Tugendhat, *The Multinationals*; J. Nye and R. Keohane (Eds.), "Transnational Relations" in *International Organization*, Summer, 1972; W. Diebold, *The United States and the Industrial World*, Chapter 6.

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 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 military doctrine in the United States, the Soviet Union and Western Europe. The idea of deterrence. The idea of limited war. The military problems of alliances. Revolutionary and guerrilla warfare. The theory of disarmament and arms control negotiations, the historical experience of arms control systems and problems of the working of arms control systems.

Recommended reading A. Buchan, *War in Modern Society*; L. Beaton, *The Struggle for Peace*; B. Brodie, *Strategy in the Missile Age*; 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. Aron, *On War*; B. Liddell Hart, *Strategy: The Indirect Approach*; *Deterrence or Defence*; H. Kissinger, *The Necessity for Choice*; *Problems of National Strategy*; *NATO: The Troubled Partnership*; T. C. Schelling, *Arms and Influence*; *The Strategy of Conflict*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; M. H. Halperin, *Limited War in the Nuclear Age*; H. Bull, *The Control of the Arms Race*; L. Beaton, *Must the Bomb Spread?*; *The Western Alliance and the McNamara Doctrine*; A. Herzog, *The War-Peace Establishment*; K. von Clausewitz, *War, Politics and Power*; P. Paret and J. W. Shy, *Guerrillas in the 1960s*; A. Buchan (Ed.), *Problems of Modern Strategy*; B. Brodie, *War and Politics*.

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).
Michaelmas and Lent Terms.

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. Barnett and R. A. Falk (Eds.), *Security in Disarmament*; B. G. Bechhoefer, *Postwar Negotiations for Arms Control*; D. G. Brennan (Ed.), *Arms Control, Disarmament, and National Security*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; J. Garnett (Ed.), *Theories of Peace and Security*; A. Gotlieb, *Disarmament and International Law*; W. R. Kintner and R. L. Pfaltzgraff (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 Disarm-*

ament; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament*; R. W. Terchek, *The Making of the Test-Ban Treaty*; U Thant, *Basic Problems of Disarmament: Reports of the Secretary-General*; 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*; E. Guevara, *Guerrilla Warfare*; T. R. Gurr, *Why Men Rebel*; C. A. Johnson, *Peasant Nationalism and Communist Power*; 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 (Ed.), *The Strategy of Civilian Defence*; 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

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; Law in the World Community*; 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 McDugal 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

IR150 Research Seminar
Professor Northedge. Michaelmas Term.

For all first-year M.Phil. and Ph.D. students in International Relations.

IR151 International Politics
Professor Northedge, Mr Banks, Mr Donelan and Mr G. H. Stern. Michaelmas Term.
For M.Sc. and other first-year graduate students.

IR152 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.

IR153 The International Relations of the Western Powers
Professor Northedge. Lent and Summer Terms.
For M.Sc. and other graduate students.

IR154 International Politics: The Communist Powers
Mr G. H. Stern. Lent and Summer Terms.
For M.Sc. and other graduate students.

IR155 Asia and the Pacific in International Relations
Dr Leifer and Mr Yahuda. Lent and Summer Terms.
For M.Sc. and other graduate students.

IR156 Foreign Relations of African States
Mr Panter-Brick. Lent Term.
For M.Sc.; M.A. Area Studies—Africa, and other graduate students.

IR157 International Politics of the Middle East
Dr Hirszowicz. Summer Term.
For M.Sc. and other graduate students.

IR158 International Institutions
Professor Goodwin. Sessional.
For M.Sc.

IR159 European Institutions
Professor Goodwin and Mr Taylor. Sessional.
For M.Sc. and other graduate students.

IR160 External Relations of the European Community
Professor Goodwin. Summer Term.
For M.Sc. and other graduate students.

IR161 East-West Relations in Europe
Mr Windsor. Sessional.
This course will not be given in 1976-77.
For staff and research students by invitation.

IR162 Theories of International Politics
Mr Donelan. Lent Term.
For M.Sc. and other graduate students.

IR163 Peace Research
Mr Banks. Summer Term.
For graduate and undergraduate students by invitation.

IR164 Concepts and Methods of International Relations
Mr Banks. Lent Term.
For M.Sc.

IR165 Imperialism
Mr E. A. Roberts. Lent and Summer Terms.
For M.Sc. and other graduate students.

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:

Gv218 West European Studies (Seminar)

Other sections and courses:

Economics (International Economics Courses)
International History

Ec203 Selected Topics in the Economics of European Integration

LI119 International Protection of Human Rights

LI163 International Law

LI212 Law of International Institutions

LI213 Law of European Institutions

IR166 The Politics of International Economic Institutions
Susan Strange. Summer Term.
For M.Sc. and third-year undergraduate students.

IR167 The Politics of International Economic Relations
Mr Donelan. Lent Term.
For M.Sc. and other graduate students.

IR168 International Business in the International System
Susan Strange. Michaelmas and Lent Terms.
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. Summer Term.
For M.Sc. and other graduate students.

IR173 International Politics
Professor Northedge. Sessional.
For LL.M.

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. 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 innateness question. Variable rules.

Recommended reading A. Akmajian and F. Henry, *An Introduction to the Principles of Transformational Syntax*; E. Bach, *Syntactic Theory*; 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.

Ln101 Phonetics and Phonology

Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd yr.

Ln101(a) Phonetics and Phonology (Class)

Sessional.

For B.A. Ling. 2nd yr.

Ln102 Grammatical Theory

Lecturer to be announced.

Sessional.

For B.A. Ling. 2nd yr.

Syllabus Transformational-generative grammar with particular reference to English syntax. The 'Aspects' model. Further issues in the theory of Syntax, Generative Semantics. The 'lexicalist hypothesis'.

Recommended reading N. Chomsky, *Aspects of the Theory of Syntax*; N. Chomsky, *Studies on Semantics in Generative Grammar*; C. Fillmore and D. Langendoen, *Studies in Linguistic Semantics*; J. Grinder and S. Elgin, *Guide to Transformational Grammar*; D. Reibel and S. Schane, *Modern Studies in English*; P. Rosenbaum, *The Grammar of English Predicate Complement Constructions*.

Ln102(a) Grammatical Theory (Class)

Sessional.

For B.A. Ling. 2nd yr.

Ln103 Introduction to Semantics

Dr Murray. Ten lectures, Michaelmas Term.

For B.A. Ling. 2nd and 4th yrs.

Ln104 Linguistic Theory

Dr Murray. Sessional.

For B.A. Ling. 4th yr. and graduate students.

Ln104(a) Linguistic Theory (Class)

Dr Murray. Sessional.

For B.A. Ling. 4th yr.

Ln105 Historical Syntax (Seminar)

Dr Murray and Ms Aitchison.

Summer Term.

For B.A. Ling. 4th yr. and graduate students.

Ln106 Psycholinguistics (Revision Class)

Ms Aitchison. Ten classes, fortnightly, Michaelmas and Lent Terms.

For B.A. Ling. 4th yr. and graduate students.

Syllabus Child language acquisition, and the innateness question. Mental representation of grammar. Speech comprehension and production.

Recommended reading J. Aitchison, *The Articulate Mammal*; E. H. Lenneberg, *Biological Foundations of Language*; D. I. Slobin, *Psycholinguistics*; R. Brown, *A First Language*; J. A. Fodor, T. G. Bever, M. Garrett, *The Psychology of Language*.

Ln107 Historical Linguistics

Ms Aitchison. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.

Syllabus Principles of language reconstruction. Description and causation of phonological and syntactic change.

Recommended reading R. D. King, *Historical Linguistics and Generative Grammar*; A. R. Keiler, *A Reader in Historical and Comparative Linguistics*.

Ln108 Sociolinguistics

Lecturer to be announced. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Ling. 2nd and 4th yrs.; B.Sc. c.u. main field Soc.

Syllabus The delineation and social significance of language varieties in speech communities. Sociolinguistic variables and their correlation with social categories.

The use of language in specific situations. Language and Culture.

Recommended reading J. A. Fishman, *Sociolinguistics: a brief introduction*; J. A. Fishman (Ed.), *Advances in the Sociology of Language*, Vol. 1; P. P. Giglioli (Ed.), *Language and Social Context*; J. Gumperz and D. Hymes (Eds.), *Directions in Sociolinguistics*; J. Laver and S. Hutcheson (Eds.), *Communication*

in Face to Face Interaction; J. Pride and J. Holmes (Eds.), *Sociolinguistics*.

Ln108(a) Sociolinguistics (Class)

Lent Term.

For B.A. Ling. 4th yr.

FRENCH

Ln200 Seminar in French Studies

Dr Tint, Dr Green and Dr

George. Fortnightly, Sessional.

For French Studies 1st yr.

Ln201 The Development of Modern French

Dr George. Sessional.

For B.A. French Studies 1st yr.

Ln202 The History of the French Language, II

Dr George. Sessional.

For B.A. French 2nd yr.

Ln203 The Development of Ideas and Literature in France in the 17th and 18th Centuries

Dr Green and Dr Tint.

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^{ème} 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*.

This course will be supplemented by classes.

Ln204 History of Ideas in France from 1815 to the Present Day

Dr. Tint.

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.

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

Ln500 History of the Russian Language I (Class)

Dr Johnson. Sessional.
For B.A. Russian 2nd yr.
Syllabus The historical background—Indo-European, Common Slavonic and the comparative method. The phonological system of Old Russian as derived from Common Slavonic. The morphology of Old Russian and its development. Stylistic and syntactic development from XIV-XVII century. The basic lexical structure and sources of Russian.
Recommended reading P. Y. Chernykh, *Istoricheskaya grammatika russkogo yazyka*; L. A. Bulakhovsky, *Istoricheskiy kommentarii k russkomu literaturnomu yazyku*; W. K. Matthews, *Russian Historical Grammar*.

Ln501 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.

Ln502 The Nineteenth Century Russian Novel II (Class)

Mrs Gottlieb. Sessional.
For B.A. Russian 2nd yr.
Syllabus A continuation of 399(i): Turgenev, Tolstoy, Dostoyevsky, and socio-literary criticism in the second half of the century.
Recommended reading A. Yarmolinsky, *Turgenev*; R. Freeborn, *Turgenev*; H. Troyat, *Tolstoy*; C. F. Christian, *Tolstoy*; G. Steiner, *Tolstoy and Dostoyevsky*; K. Mochulsky, *Dostoyevsky*; R. Peace, *Dostoyevsky*; D. Fanger, *Dostoyevsky and Romantic Realism*.

Ln503 Twentieth Century Russian Prose (Class)

Dr Johnson. Sessional.
For B.A. Russian 2nd 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*; G. Struve, *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 2nd yr. and 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.A. Russian 2nd yr.; 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.A. Russian 2nd yr.; 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 V. H. Collins, *A Book of English Idioms, with Explanations*; 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*.

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 J. R. Firth, *Speech*; 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 1976-77 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 L1100 Public Law I: Elements of Government

Professor Griffith, Mr Thornberry and others. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate; Optional for Dip. Soc. Admin. (one-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 government. The functional relations between the institutions of government. The royal prerogative.

The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills.

The judicial process: its characteristics. The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading T. C. Hartley and J. A. G. Griffith, *Government and Law*; 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.

L1100(a) Twenty-five Classes

L1101 Law of Contract

Professor Grunfeld, Mr Pickering and Professor Cornish. Forty-four lectures, Sessional.

For LL.B. Intermediate.

Syllabus Functions of contract. Background 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; interpretation 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.

L1101(a) Twenty Classes

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 Pickering and Mr Sellers. Forty lectures, Michaelmas 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 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 disablement 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; 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, *Individual Employment Law* (reprinted as Part 1, *Encyclopaedia of Labour Relations Law*); O. L. Aikin and J. M. Reid, *Labour Law*, Vol. 1; *Employment Welfare and Safety at Work*; 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*; 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 Stone and Mr Bradley. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus (a) MARRIAGE. Requirements of a valid marriage. Forms of marriage in outline only. Grounds for nullity. Void and voidable marriages. Capacity and consent of parties and third persons; consanguinity and affinity. Polygamous marriages.

(b) THE EFFECT OF MARRIAGE ON PROPERTY RIGHTS. Common law, equity and statute. Title to and possessory rights in property. Liability in contract. Divorce, judicial separation and the powers of the Court in financial provision. Matrimonial proceedings in the magistrates' courts.

(c) 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: 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; Law Commission Reports.

TEXTBOOKS: S. M. Cretney, *Principles of Family Law*; J. Eekelaar, *Family Security and Family Breakdown*; P. M. Bromley, *Family Law*; Sweet and Maxwell's *Family Law Statutes*.

Students should also read articles and notes on recent statutes and court decisions in *The Modern Law Review*, *The Law Quarterly Review* and *Family Law*.

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*.

LI116(a) Twenty Classes

LI117 The Law of Business

Associations

Mr Pickering and 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 and 1967 and the Partnership Act,
1890 will be provided in the examination
room.

Recommended reading L. C. B. Gower,
Modern Company Law; J. F. Northey and
L. H. Leigh, *Introduction to 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. D. Drake, *Law of Partnership*;
H. R. Hahlo and M. J. Trebilcock, *A
Casebook on Company Law* (London,

1970); 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.

LI117(a) Twenty Classes

**LI118 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 move-
ment 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 Com-
mittee on the Management of Local Govern-
ment (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.

LI118(a) Twenty Classes

**LI119 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 struc-
ture 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 inter-
national 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 pre-
vention 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-determina-
tion; 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*.

SPECIALIST WORKS: J. Carey, *U.N.*

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*.

L1124 Legal and Social Change since 1750

Professor Cornish and Mr J. S. Anderson. Twenty seminars, Michaelmas and Lent Terms. 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.

HALF SUBJECT OPTIONS

L1140 Public Law II

Dr Leigh and Mr Anderson.

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. Fullbrook, *The Appellant's View of Supplementary Benefit Appeal Tribunals*; A. E. Telling, *Planning Law*. Further reading will be recommended during the course.

L1 141 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.

L1141(a) Ten Classes

L1142 The Law Relating to Civil Liberties in England and Wales

Dr Leigh and Mr Hartley. Ten meetings, Michaelmas 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.

L1143 Legal Services to the Community

Mr 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; representation in magistrates' courts; 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.

L1144 Social Security

Mr Partington. 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) *Financing social security*:

Contributory and non-contributory benefits—taxation—adequacy of contributions to meet needs. Administrative costs.

(3) *The benefits*:

National insurance—unemployment, sickness, industrial injuries, retirement pensions; supplementary benefit; family income supplement. Eligibility—machinery for assessing claims—nature and amount of benefit.

(4) *Abuse and its prevention*:

Work incentives—disqualifications—inspectorates.

(5) *Tax credit schemes*.

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.

L1145 Law of Landlord and Tenant

Mr Partington. Ten meetings, Michaelmas Term.

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. Ten 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 *Law 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 (e.g. Comte). (b) Social evolution and law (e.g. Spencer). 3. Social behaviour and law (e.g. Timasheff). 4. Social control and law (e.g. Ross). 5. Social change and law (e.g. Sumner). 6. Law as an index of social change (e.g. Durkheim). 7. Law, belief and interpretation (e.g. Weber). 8. Law and symbolisation (e.g. Pareto, Sorokin, Arnold). 9. Law as a sub-system (e.g. Parsons). 10. The structure of social reality and the idea of law (e.g. Gurvitch). **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. Luckman, *The Social Construction of Reality*.

COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

LL160 English Legal Institutions

Mr Zander and Mr Jacob.

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.

Recommended reading PRELIMINARY READING: G. L. Williams, *Learning the Law*.

TEXTBOOKS: 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

Mr Nock and Others. Thirty lectures, Michaelmas 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).

LI161(a) Twenty-three Classes

Within each of the sections A, B and C, some topics will be selected for detailed discussion.

LI162 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 Government (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, 1968, 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; 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: 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*; M. Rubenstein, *A Practical Guide to the Employment Protection Act*.

Students should consult the latest editions of these books.

LI162(a) Twenty Classes

Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II.

LI162(b) Twenty-five Classes

Mr. R. M. Lewis. Michaelmas, Lent and Summer Terms. For Trade Union Studies Course.

LI163 International Law

Professor Brownlie. Twenty lectures, 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*.

LI163(a) Classes

Fifteen classes for B.Sc. (Econ.) Part I and B.Sc. c.u.

LI163(b) Classes

Ten classes for B.Sc. (Econ.) Part II.

LI164 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

LI200 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 con-

gressional 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. Sawer, *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. Sawer, *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. Sawer, *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.

L1201 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.

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*.

FURTHER READING S. A. de Smith, *Constitutional and administrative law* (2nd edn. 1973); 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. Sawer, *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. Ezejiakor, *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; Zambia, S.I. 1964 No. 1652; Guyana, S.I. 1966 No. 575; Botswana, S.I. 1966 No. 1171; Lesotho, S.I. 1966 No. 1172; Barbados, S.I. 1966 No. 1455; Mauritius, S.I. 1968 p.1871; Swaziland, S.I. 1968 No. 1377; Fiji, S.I. 1970, p. 6630; Bahamas, S.I. 1973 No. 1080; Grenada, S.I. 1973 No. 2155; 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.

L1202 Company Law

Professor Wedderburn and Mr Pickering.

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; Companies Acts 1948 and 1967; 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; 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*; 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*; 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 Gagging Writ (1975) 38 M.L.R. 455*; 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.

L1202(a) Classes

Fortnightly, Sessional.

L1203 Marine Insurance

Mr Pickering and others.

Syllabus General principles and commercial practices. Insurable interest. Insurable value. Disclosure and representations. The policy. Double insurance. Warranties. The voyage. Assignment of the policy. The premium. Loss and abandonment. Partial losses (including salvage and general average and particular charges). Measure of indemnity. Rights of insurer on payment. Return of premium. Lloyd's form of policy. Institute clauses (in outline only). Reinsurance.

Recommended reading INTRODUCTORY: Lord Chorley and O. C. Giles, *Shipping Law, Part III*.

TEXTBOOKS: E. R. H. Ivamy (Ed.), *Chalmers' Marine Insurance Act, 1906*; Arnould, *The Law of Marine Insurance and Average* (Eds. Lord Chorley and C. T. Bailhache) (Vols. 9 and 10 of *British Shipping Laws*); E. R. H. Ivamy, *Marine Insurance*.

FOR REFERENCE: C. Wright and C. Fayle, *History of Lloyd's*; D. Gibb, *Lloyd's of London*; V. Dover, *Handbook of Marine Insurance*; V. Dover, *Analysis of Marine Insurance Clauses*; *Journal of Maritime Law and Commerce*; *Lloyd's Maritime and Commercial Law Quarterly*; *Shipowners* (Vol. 13 of *British Shipping Laws*).

Candidates will be supplied in the examination room with Queen's Printer copies of the *Marine Insurance Act, 1906*. Students should consult the latest editions of these books.

L1204 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.

L1204(a) Twenty-five Classes

L1205 The Law of Business Taxation

Mr Pickering.

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).

L1206 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.

L1207 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.

Candidates will be supplied at the examination with Queen's Printer copies of *The Fair Trading Act 1973*, *The Treaty of Rome and Competition Law in the E.E.C. and in the E.C.S.C. (situation by 31 December 1971)*—(booklet prepared on E.E.C. legislation), and the *Restrictive Trade Practices Acts 1956 and 1968*.

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.

L1208 The Principles of Civil Litigation

Master Jacob and Mr 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*; 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.

L1209 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 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 A. Introduction

Resource materials on Soviet law. Legal terminology. Heritage of the Tsarist legal system. Fundamental Marxist concepts of state and law (also with reference to public international law). The sources of Soviet law, and its branches. Concepts of ownership and property in Marxist theory and Soviet legal practice. Legal aspects of the structure and administration of the Soviet economy. Principles of socialist legality. Administration of justice (court organization). The legal profession (jurists, judges, procuracy, advocates, jurisconsults, notaries). Comrades' courts and other social organizations. State arbitrazh.

B. Civil Law and Domestic Relations
The law of persons, property, contract, delict, unjust enrichment and succession on death. Marriage, divorce, nullity, parent and child, guardian and ward. Adoption. Basic features of civil procedure.

Note Candidates taking option B may not take LL.M. subject 26 *Comparative Family Law*.

C. Criminal Law

Sources and system. Territorial and personal scope of criminal law. Material and formal definition of crime. Constituent elements of crime. Preparation and attempt. Participation. Circumstances

excluding criminal offence. Liability and exclusion of liability. Punishments and compulsory measures. Principal criminal offences. Criminology and penal policy. Basic features of criminal procedure: pre-trial proceedings, trial, appeals and supervision, special proceedings.
Section D, Constitutional, Administrative, and Economic Law
Soviet concepts of sovereignty and federalism. Role of the constitution in the U.S.S.R. Organization of the Soviet state. Protection of civil liberties under Soviet law. The principle of dual subordination. The legal status and role of the Communist Party of the Soviet Union. Administrative penalties. Administrative procedures for the redress of grievances. The concept of "economic" law. Legal aspects of economic planning and administration (structure of the Soviet economy; relationship between plan and law; contractual relations among Soviet enterprises and institutions; resolution of economic disputes; administration and regulation of Soviet foreign trade).

Note Although a knowledge of Russian is not required, students taking this course will be required to familiarise themselves with Russian technical legal terms.

Recommended reading W. E. Butler (Ed.), *Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law: Bibliographic Index*.

SECTION A H. Babb (trans.), *Soviet Legal Philosophy*; H. J. Berman, *Justice in the U.S.S.R.*; K. Grzybowski, *Soviet Legal Institutions*; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; J. N. Hazard, *Settling Disputes in Soviet Society*; H. Kelsen, *The Communist Theory of Law*; S. Kucherov, *The Organs of Soviet Administration of Justice*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; E. Johnson, *An Introduction to the Soviet Legal System*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; G. Morgan, *Soviet Administrative Legality*.

SECTION B G. Eorsi, *Fundamental Problems of Socialist Civil Law*; V. Gsovski, *Soviet Civil Law*; A. K. R. Kiralfy (trans.), *The Civil Code and The Code of Civil Procedure of the R.S.F.S.R.*, 1964.

SECTION C H. J. Berman and J. W. Spindler (trans.), *Soviet Criminal Law and Procedure: The R.S.F.S.R. Codes*; G. Feifer, *Justice in Moscow*; F. J.

Feldbrugge, *Soviet Criminal Law: General Part*; I. Lapenna, *Soviet Penal Policy*.

SECTION D H. J. Berman and J. B. Quigley (Eds.), *Basic Laws on the Structure of the Soviet State*; O. Bihari, *Socialist Representative Institutions*; V. M. Chkhikvadse (Ed.), *The Soviet State and Law*; A. Denisov and M. Kirichenko, *Soviet State Law*; J. N. Hazard, *The Soviet System of Government*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*.
CASEBOOKS J. N. Hazard, I. Shapiro, and P. Maggs (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

Students should consult the latest editions of these books.

JOURNALS AND SERIALS *Law in Eastern Europe* (Z. Szirmai, Ed.); *Osteuropa Recht*; *Soviet Law and Government*; *Soviet Statutes and Decisions* (W. E. Butler, Ed.). In addition to these periodicals devoted exclusively to Soviet and Eastern European law, articles frequently appear in *The International and Comparative Law Quarterly* and *Soviet Studies*.

Note Further reading in journals, case materials, and other materials translated especially for the course will be assigned from time to time in supplementation of the books mentioned under Sections B, C and D.

LL211 Comparative Family Law

Dr Stone, Professor Lapenna and Miss Temkin.

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, the State of New York and the Commonwealth of Australia.

(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 Intergovernmental 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) 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*.

L1213 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; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies.

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.

L1214 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. *Maritime Law in Time of War*. Prize law and prize courts; rules of maritime warfare; the law of maritime neutrality.

XI. *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; L. 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*.

L1215 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.

L1215(a) Twenty-five Classes
For LL.M.

L1215(b) Twenty-five Classes
Sessional.

For M.Sc.; B.Sc. (Econ.) Part II.

L1216 Industrial and Intellectual Property

Professor Cornish.

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 Act 1949, 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.

L1217 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.

L1217(a) Criminology Class

Miss Temkin. Michaelmas and Lent Terms.

For LL.M.: *Criminology*.

L1218 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 Responsibility*; J. Andenaes, *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. Ansel, *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*.

L1219 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.

L1220 Laws of Management and Labour Relations

Professor 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 such 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. 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 Bill 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*; 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); C. de Hoghton, *The Company: Law Structure and Reform in Eleven Countries*; 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); 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); Folke Schmidt, *Law of Labour Relations in Sweden*; J. Kolaja, *Workers' Councils, Yugoslav Experience*; H. H. Wellington, *Labour and the Legal Process*; F. Meyers, *Ownership of Jobs* (U.S.A., Britain, France). 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.

L1221 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*; 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*; 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 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

L1222 Problems of Civil Litigation
Master Jacob and Mr Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is supplementary to Course LI208. Current problems in civil litigation will be discussed.

L1223 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.

L1224 Legal Medicine and Psychiatry

Mr Hall Williams, Dr Stone 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 and Operational Research

MATHEMATICS

MS100 Basic Mathematics

Professor Sir Roy Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc. Psych. Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus Concepts of sets, groups and fields. Introduction to vectors, matrices and complex numbers. Functions, mappings and transformations. Derivatives, integrals and expansions of functions of one variable. Exponential, logarithmic and circular functions.

Recommended reading I. Adler, *The New Mathematics*; R. G. D. Allen, *Basic Mathematics*; G. H. Hardy, *Pure Mathematics*; W. W. Sawyer, *Mathematician's Delight*; *Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics*.

FURTHER READING: M. E. Yaari, *Linear Algebra for Social Sciences*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; E. A. Maxwell, *An Analytical Calculus*.

MS100(a) Basic Mathematics Class

Dr Boardman. Weekly 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. 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. Forty classes, Sessional.

MS102 Elementary Mathematical Methods

Professor Binmore and Dr Shorrocks. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp. 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*; T. Yamane, *Methods for Economists*. The following small books in the "Library of Mathematics" series: *Complex Numbers*; *Partial Derivatives*; *Multiple Integrals*. The "Schaum Outline Series" book, *Calculus* by F. Ayres.

MS102(a) Elementary Mathematical Methods Class

Twenty-five classes, Sessional.

MS103 Introduction to Analysis and Set Theory

Professor Binmore, Dr R. A. Holmes, and Dr Knott. 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., 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 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 R. A. Holmes and Dr Knott. Twenty classes.

MS104 Further Analysis

Dr Boardman. Forty lectures, Michaelmas and Lent Terms. For B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus General topology. Continuity. Metric spaces. Derivatives of vector functions. Measure and integration. Applications in function spaces and complex variable.
Recommended reading H. L. Royden, *Real Analysis*; J. L. Kelley, *General Topology*; 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, Michaelmas and Lent Terms.

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., 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. Eleven classes, Michaelmas and Summer Terms.

MS105(b) Further Algebra Seminar

Dr Freedman. Ten seminars, Lent Term.

MS106 Games, Decisions and Gambling

Professor Binmore. Thirty lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil. 2nd or 3rd yr.

Syllabus Probability and utility. Gambling strategies. Game Theory. Co-operative, n-person games. Bargaining. Social decision theory.

Recommended reading R. Luce and H. Raiffa, *Games and Decisions*; G. Owen, *Game Theory*.

MS106(a) Games, Decisions and Gambling Class

Professor Binmore. Twenty classes, Michaelmas and Lent Terms.

MS107 Abstract Mathematics in Social Science

Professor Binmore and Dr Ostaszewski. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil. 3rd yr.; M.Sc.

Syllabus Banach, Brouwer and Kakutani fixed point theorems. Applications. Properties of non-negative matrices. Systems of differential and difference equations. Stability. Lyapounov functions. 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. Calculus of variations. Optimal control. Pontryagin theory.

Recommended reading H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; D. G. Luenberger, *Optimization by Vector Space Methods*; M. D. Intrilligator, *Mathematical Optimization and Economic Theory*; H. W. Kuhn and A. W. Tucker, *Second Berkeley Symposium on Mathematical Statistics and Probability*; F. R. Gantmacher, *Applications of the Theory of Matrices*; K. Lancaster, *Mathematical Economics*; J. Bram and T. L. Seaty, *Non-Linear Mathematics*.

MS107(a) Abstract Mathematics in Social Science Class

Dr Ostaszewski. Twenty classes, Michaelmas and Lent Terms.

MS108 Great Ideas in Mathematics and Science

Dr Bell, Professor Binmore and Dr Zahar. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 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) Great Ideas in Mathematics and Science Class

Dr Bell and Dr Zahar. Twenty classes, Michaelmas and Lent Terms.

MS109 Mathematical Probability

Mr Balmer and Dr R. A. Holmes. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 3rd yr., Maths. and Phil. 3rd yr.

Syllabus Measure theory survey. Probability measures. Random variables. Distribution and characteristic functions. Convergence theorems. Stochastic processes.

Recommended reading J. Kingman and S. Taylor, *Introduction to Measure and Probability*; W. Feller, *An Introduction to Probability Theory and its Applications* (Vols. I and II).

MS109(a) Mathematical Probability Class

Mr Balmer and Dr R. A. Holmes. 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. 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. Dwingier, *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. 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. Twenty 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 Algebra

Dr Freedman. Twenty hours, Lent Term.

For B.Sc. c.u. main fields Maths., Stats., Comp. 3rd yr.

Syllabus Infinite Abelian groups. Direct sums of cyclic groups. Divisible and free Abelian groups. Pure subgroups. Basic subgroups. Ulm'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(a) Algebra Class

Dr Freedman. Eight classes, Lent Term.

MS113 Mathematical Methods

Mr Balmer, and Dr Ostaszewski.

Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 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

Mr Balmer and Dr Ostaszewski.

Twenty classes, Michaelmas and Lent Terms.

MS114 Introduction to Sets, Metric Spaces and Convexity

Mr Foldes. Twenty lectures, Michaelmas Term.

Whole Course for M.Sc.: *Advanced Mathematical Economics I*.

First three weeks only for M.Sc.: *Theory of Optimal Decisions*.

Syllabus Elementary properties of sets, relations and functions. Equivalence and ordering relations. Cardinal numbers. Metrics, open and closed sets, limits, continuity. Compact and connected sets in metric spaces. Linear and affine spaces, subspaces and functions. Inner products and norms. Convex sets. Separating hyperplanes.

Recommended reading Basic reading:

On sets and relations: R. R. Stoll, *Sets*,

Logic and Axiomatic Theories, chap. 1. or P. R. Halmos, *Naive Set Theory*. Main text: H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*.

STATISTICS UNDERGRADUATE COURSES

MS200 Quantitative Methods for Economists: Statistics

Mr O'Muircheartaigh. Twelve lectures, Michaelmas and Lent Terms.

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

Class teachers to be announced. Twelve classes, Michaelmas and Lent Terms.

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 casual analysis.

Recommended reading T. Payne, *The Art of 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. Selltitz 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. Optional for Dip. Soc. Admin. 1st yr.

Syllabus Measurement and observation, 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*; D. Huff, *How to Lie with Statistics*; R. M. Cormack, *The Statistical Argument*; W. Reichmann, *The Uses and Abuses of Statistics*.

MS202(a) Statistical Methods for Social Research Class

Professor Bartholomew 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., Geog. **Syllabus** Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship. Time series.

Recommended reading INTRODUCTORY:

P. G. Hoel, *Elementary Statistics*. GENERAL: J. E. Freund, *Modern Elementary Statistics*; R. E. Walpole, *Introduction to Statistics*; R. J. and T. H. Wonnacott, *Introductory Statistics*.

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 Mizon. 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. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.

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 , χ^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 ed.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd ed.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (2nd ed.); W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. 1).

MS206(a) Probability and Distribution Theory Class

Professor Hajnal. Twenty classes, Sessional.

MS207 Estimation and Tests

Professor Durbin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; 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 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 ed.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 17, 18, 22).

MS207(a) Estimation and Tests Class

Professor Durbin. Five classes, Lent and Summer Terms.

MS208 Statistical Methods (Second Year)

Professor Durbin and Miss Brown. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 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)

Professor Durbin and Miss Brown. Fifteen classes, Lent and Summer Terms.

MS209 Statistical Methods (Third Year)

Dr Knott. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp 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. 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. 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

Mr O'Muircheartaigh. Ten lectures, Lent Term.

For Dip. Stats.; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp. 3rd yr.

MS212 Further Statistical Theory

Professor Durbin and Professor Stuart. Twenty lectures,

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp. 3rd yr.

Syllabus Order statistics, including mixtures of distributions, the theory of statistical distributions. Minimum-variance estimation including Roa-Bladewell 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 ed.).

MS212(a) Further Statistical Theory Class

Professor Durbin and Professor Stuart. 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 statistical techniques applied in the analysis of consumption and investment behaviour and production functions. Construction and estimation of simple econometric models.

Recommended reading J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; A. A. Walters, *An Introduction to Econometrics*.

(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 Mizon and Dr Hendry.

(i) Ten lectures, Michaelmas Term for Second-year Students.

(ii) Twenty lectures, Michaelmas and Lent Terms for Third-year Students.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; 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*; A. Goldberger, *Econometric Theory*; E. Malinvaud, *Statistical Methods 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. 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. 3rd yr., Geog. 3rd yr.; Dip. Stats.

Syllabus Experimental and quasi-experimental designs in the social sciences. Retrospective and longitudinal studies. The use of social indicators and their measurement.

Recommended reading C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; C. Selltitz *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

Mr O'Muircheartaigh and Professor Bartholomew. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., 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

Mr O'Muircheartaigh and 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; B.Sc. c.u. main fields Maths., Stats., Comp. 2nd yr.; 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 Statistics I

Mr Dyson. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 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 Statistics I, Classes

Mr Trayhorn. Five classes, Fortnightly, Lent and Summer Terms.

MS219 Actuarial Statistics II

Mr Dyson. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 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 Statistics II, Classes

Five hours, Summer Term.

Optional for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Stats., Maths., Comp.

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 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*.

MS250(a) Advanced Probability and Stochastic Processes Class

Professor Hajnal and Dr Knott. Five fortnightly classes, Michaelmas Term and Ten classes, Lent Term.

MS251 Markov Chains and Related Topics

Professor Hajnal. Twelve lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Markov chains with finite

number of states in discrete and continuous time. Poisson process. Classes will also be arranged.

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 χ^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. The theory of testing hypotheses. Confidence intervals. Inference for linear models. Decision theory. Bayesian methods. Likelihood. Tests of fit. Distribution-free methods. Sequential methods.

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. 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*, 1974.

MS257 Basic Time-Series Analysis

Professor Durbin. 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

Professor Durbin. 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*; H. M. Blalock and A. B. Blalock, *Methodology in Social Research*; C. Y. Glock, *Survey Research in the Social Sciences*; E. J. Webb *et al*, *Unobtrusive Measures*; C. W. Harris, *Problems in Measuring Change*; H. M. Blalock, *Causal Inferences in Non-experimental Research*.

MS259(ii) Advanced Social Statistics

Mr O'Muircheartaigh and Dr Mizon. Ten Lectures. Michaelmas Term.

For M.Sc.

Syllabus Causal analysis from linear systems. Recursive models, path coefficients, cross-lagged correlations. Measurement errors in models.

Recommended reading H. M. Blalock, *Causal Inferences in Non-Experimental Research*; A. S. Goldberger and O. D. Duncan, *Structural Equation Models in the Social Sciences*.

MS260 Stochastic Models for Social Processes

Professor Bartholomew. Twenty lectures, Lent Term.

For M.Sc.

Syllabus Models for duration, open and closed Markov chain models, models for manpower systems based on renewal theory, simulation models. Models for the diffusion of news and rumours.

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*; H. C. White, *Chains of Opportunity*; D. J. Bartholomew (Ed.), *Manpower Planning*.

MS260(a) Stochastic Models for Social Processes Class

Mr Balmer. Five classes, fortnightly, Lent Term.

MS261 Social Applications of Multivariate Methods

Dr Phillips. Ten lectures, Lent Term.

For M.Sc.

Syllabus The rationale and use of multivariate methods of data analysis. Applications of these methods in social and psychological research.

MS261(a) Social Applications of Multivariate Methods Class

Dr Phillips. Five classes, fortnightly, Lent Term.

MS262 Further Sample Survey Theory and Methods

Mr O'Muircheartaigh. 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

Mr O'Muircheartaigh. Eight classes, Lent and Summer Terms.

MS263 Foundations of Sampling Theory

Mr O'Muircheartaigh. 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

Mr O'Muircheartaigh. 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. Five lectures, Michaelmas Term.

For M.Sc.; 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. Twenty-two lectures, 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; A. M. Mood, F. A. Graybill and R. Boes, *Introduction to the Theory of 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

Dr Mizon and Mr O'Muircheartaigh. 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, Professor Durbin, Professor Hajnal or Professor Stuart.

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, Professor Durbin, Professor Hajnal or Professor Stuart.

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.

Syllabus An introduction to computers and computer applications. Computers and the social sciences.

Recommended reading A. Vazsonyi, *Introductions 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

Professor Douglas. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.; 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*.

MS302(a) Introduction to Computers: Basic Concepts, Class Five classes, Michaelmas Term. Only for M.Sc. students who are not taking course MS304.

✓ 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. 2nd yr.; M.Sc.; Dip. Stats. This course is a continuation of Course MS302.
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 T. E. Hull, *Introduction to Computing*; 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.

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. 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.; 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 H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; K. Grindley and J. Humble, *The Effective Computer*; R. J. Benjamin, *Information System Development Cycle*.

✓ 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.

✓ 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. 3rd yr.; M.Sc.
Syllabus Computer applications in commerce, production and administration.

✓ 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.
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.; 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*.

✓ 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 Systems Analysis Methodology

Mr F. F. Land and Mr Stamper. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; 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 computers. Solution to the programming problem: high level languages, application packages, generalised programs, data base management systems, modular programming, computer utilities, data banks.
Recommended reading J. D. Couger and R. W. Knapp, *Systems Analysis Techniques*; R. Stamper, *Information*; H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; 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. Burgly, *Systems and Procedure for Business Data Processing*; R. W. Brightman, B. J. Luskin, T. Tilton, *Data Processing for Decision-Making*; Roger Gupta, *Electronic Information Processing*; D. H. Brandon, *Management Standards for Data Processing*; J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems*; D. H. Li, *Accounting, Computers, Management Information Systems*;

Codasyl Systems Committee, *A Survey of Generalised Data Base Management Systems (Technical Report, May 1969)*; B. Langefors, *Theoretical Analysis of Informative Systems*; C. B. Grindley and J. Humble, *The Effective Computer*; J. C. Emery, *Cost/Benefit Analysis of Informative Systems*; C. J. Date, *Introduction to Database Systems*; J. D. Aron, *The Program Development Process*; C. B. Grindley, *Systematics*.

✓ **MS310(a) Systems Analysis Methodology, Undergraduate Class**
Mr F. F. Land and others. Ten classes, Michaelmas and Lent Terms.

MS310(b) Systems Analysis Methodology, Graduate Class
Mr F. F. Land and others. Ten classes, Lent Term.

✓ **MS311 Computer Systems Design**
Dr Waters. Twenty lectures and seminars, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.; 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.; 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*.

MS312(a) Numerical Methods Class
Miss Hewlett. Twenty-five classes, Sessional.

MS313 Elements of Management Mathematics
Mr Rosenhead and others. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; M.Sc.; Dip. Systems Analysis & Design.
Syllabus An 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.; Dip. Stats.
Syllabus Theory of games. Decision theory. Markov chains. Replacement. Critical path analysis. Scheduling. Dynamic programming. Inventory control. Queueing 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
Class teacher to be announced. Twenty-five classes, Sessional.

MS315 Mathematical Programming
Dr A. H. Land. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; 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 A. H. Land 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, queueing 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*; R. A. Howard, *Dynamic Programming and Markov Processes*; R. W. Conway, W. L. Maxwell and L. W. Miller, *Theory of Scheduling*; F. Hanssmann, *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 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. Zions, *Linear and Integer 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 Paul. 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, Summer Term.

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 M. G. Bulmer, *Principles of Statistics*; 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, beginning in the sixth week of the Michaelmas Term.

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. Ten classes, Lent Term.

For M.Sc.; Dip. Systems Analysis & Design.

MS360 Fortran Programming (Operational Research)

Mr R. Martin. 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*.

MS361 Information

Mr Stamper. Five lectures, 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*.

MS361(a) Information Class

Mr Stamper. Five classes, Lent Term.

MS362 Business Information Systems

Mr Stamper. Ten lectures, Lent Term.

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*.

MS362(a) Business Information Systems Class

Mr Stamper. Five classes.

MS363 Basic Systems Analysis Professor Douglas.

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 Design Methods in Planning

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.

Recommended reading will be introduced with each seminar.

MS368 Computers in Information Processing Systems

Mr Davenport. Twenty Lectures and Seminars. Michaelmas and Lent Terms.

For Dip. Systems Analysis & Design.

Syllabus Computer architecture, system software, transaction monitors, database management software, programming languages, communication system hardware, communication system organisation, performance monitoring and prediction. **Recommended reading** will be introduced with each lecture.

MS369 Workshop in Urban Transport Models

Miss Powell. Ten meetings, Lent Term.

A practical course in quantitative model-building for students wishing to carry out research in this area.

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*; 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

Mr 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., Stats., Comp., 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. Krimerman (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 field Maths. and Phil.; 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*; Borger and Cioffi, *Explanation in the Behavioural Sciences*; L. I. Krimerman (Ed.), *The Nature and Scope of Social Science*; John O'Neill (Ed.), *Modes of Individualism and Collectivism*; E. A. Feigenbaum and J. Feldman (Eds.), *Computer's 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

field 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* (Haldane and Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding*; B. Spinoza, *Correspondence* (Ed. Wolf); *Ethic*; G. W. Leibniz, *Monadology*; *Discourse on Metaphysics* and *Correspondence with Arnauld*; *Selections* (Ed. P. P. Wiener); G. Berkeley, *Works* (Eds. A. A. Luce and T. E. Jessop, 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 field 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,

Duhem, 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 field 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 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. Burt, *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

Mr Clark. 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.

Arithmetization 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 Mr Worrall.

Twenty-five lectures, 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 Mr Worrall.

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil.

Ph110 Philosophy of Mathematics

Mr 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 Mr 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 Scientific Method

Dr Urbach. Twenty meetings,

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field 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 field Maths. and Phil., Phil. and Chem.;

M.Sc.

Ph127 Logic and Scientific Method

Mr Clark. Sessional.

For M.Sc.

Reference should also be made to the following courses:

MS106 Games, Decisions and Gambling

MS108 Great 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 Option B.

Psychology

Ps100 Introduction to General 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 Maths. 1st yr., Stats. 1st yr., Comp. 1st yr., Soc. Psych. 1st yr., Geog., Soc., Soc. Anth.; B.Sc. S. S. and A. 2nd and 3rd yrs.; optional for Dip. Soc. Admin. one-yr. (incl. Overseas Option).

Syllabus Learned and unlearned patterns of behaviour in man and animals. Ways of perceiving and comprehending the environment. The process of socialisation: social learning, imitation and modelling; societal and familial influences. Modes and development of thinking, concept formation and categorisation. Development of individual differences in ability and personality. Attitudes and social behaviour: their development and organization; decision making and attitude change. Social interaction: behaviour in small and large groups. Throughout the lecture course stress will be laid on the methodology of psychological enquiry. Experience in acting as a subject for a psychological experiment can be obtained.

Recommended reading D. Wright *et al*, *Introducing Psychology: an Experimental Approach*; B. Foss (Ed.), *New Horizons in Psychology*, Vol. I; Dodwell (Ed.), *New Horizons in Psychology*, Vol. II; R. Brown, *Social Psychology*. Additional reading will be handed out during the course.

Ps100(a) Introduction to General 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 Application

Lecturer to be announced. Eight

lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr.; B.Sc.S.S. and A. 3rd yr.

Syllabus Introduction to Freudian and post-Freudian theories; implications of these theories for the study of individual and social behaviour.

Ps102 Context of Psychology

Professor Hotopf. Five lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Ps103 Foundations of Experimental Psychology

Dr Seaborne. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus Processes of information intake, psychophysical judgment, signal detection, perceptual organization, selective attention. Conditions for the acquisition of learned behaviour: classical and instrumental conditioning, generalisation, discrimination and transfer of training. The role of incentives and motivation in learning, problems of reinforcement, reward schedules, brain mechanisms in reinforcement. Extinction and forgetting, interference theories, autonomous changes in memory, short-term memory. Development of learning capacity, learning sets, critical learning periods. Social learning, observational learning, social reinforcers. **Recommended reading** will be given during the course.

Note Students taking this course should also attend Course MS202.

Ps104 Fundamental Approaches to the Study of Behaviour

For B.Sc. c.u. main field Soc. Psych. 1st yr.

(i) Biological Bases of Behaviour

Professor Wolpert (Middlesex Hospital Medical School). Twenty-five lectures and practicals, Sessional.

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.

(ii) Laboratory Course

Dr Stockdale, Dr Seaborne and Dr Gaskell. Twenty-five lectures and practicals.

Ps105 Basic Processes of Behaviour

Dr Stockdale, Professor Hotopf and others. Ten seminars, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus This is a seminar course examining the relationships between physiological and psychological mechanisms. Among the topics to be discussed will be physiological aspects of emotion and motivation, physiological determinants of perception, neuropsychology, and neurological disorders of cognitive processes.

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., 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., 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. Fraise 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. I.

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

Various lecturers. Eight lectures,
Lent Term.

For B.Sc. 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 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. 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.

Ps115 Child Development II (Seminar)

Dr Geber. Sessional.

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.

Ps116 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. Students taking this course are expected to attend Course Ps111.

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*.

Ps117 The Role of the Mass Media

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, Ps160 and Ps161.

FOR GRADUATE STUDENTS

Ps150 Communication and Attitude Change (Seminar)

Professor Breitrose and 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 must attend Ps117. The Role of the Mass Media.

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. The use of language in social research. Language and cognitive development. Colour coding and communication. 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. Mahl, *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 1976-77.

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 Person Perception (Seminar)

Dr Geber. Sessional. This course will not be given in 1976-77.

For M.Sc. and other graduate students.

Ps158 Interpersonal Behaviour (Seminar)

Mr A. D. Jones. Sessional.

For M.Sc. and other graduate students.

Ps159 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.

Ps160 The Psychological Study of Social Issues (Seminar)

Professor Himmelweit, Dr Oppenheim 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, race relations, social medicine, political behaviour, the mass media, legal procedure, etc. The particular areas to be examined will depend on staff and student interest.

Ps161 Psychology (Seminar)

Fortnightly, Sessional.

For all graduate students; B.Sc. main field Soc. Psych. 3rd yr.

Papers will be presented by members of staff and outside speakers.

Ps162 Current Research in Social Psychology (Seminar)

Professor Himmelweit and Dr Gaskell. Fortnightly, Sessional.
For staff and graduates.

Psychology graduates are expected to attend Course MS268 and are also referred to Courses Ps113, Ps114 and Ps117.

Social Science and Administration

SA100 Social Administration

Professor Nevitt. Ten lectures, Michaelmas Term.

Optional for M.Sc.; Dip. Soc. Admin.; B.Sc. S.S. and A. 1st or 2nd yr.

Syllabus The evaluation of redistributive policies. Operationalisation of distributive rules. The structure of the U.K. population; household sizes, types and tenancy patterns. The incidence of direct taxes and the impact of income maintenance, social security, direct taxation and prices and incomes policies on the distribution of household incomes. Discussion of current social policy issues in the context of the structure of British households and their incomes. A reading list will be given at the first lecture of the course.

SA101 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. one-yr.

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*.

SA102 Social History and Government Classes

Sessional.

For B.Sc. S.S. and A. 1st yr.

SA103 Social Policy

Professor Nevitt, 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*; M. Rein, *Social Policy*; R. Pinker, *Social Theory and Social Policy*; A. J. Culyer, *The Economics of Social Policy*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; J. M. Romanyshyn, *Social Welfare: Charity to Justice*.

SA103(a) Social Policy (Classes)

Summer Term.

For B.Sc. S.S. and A. 2nd yr.

SA103(b) Social Policy (Classes)

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.

SA104 Development of Social Administration

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. one-yr.

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*.

SA105 Contemporary Aspects of Social Work and Social Administration

Mr Reddin and Mr Rees. Ten lectures, Lent Term.

For Dip. Soc. Admin. 2nd yr. and one-yr.

Optional for overseas option.

Syllabus Special lectures by a variety of speakers on a number of contemporary aspects of social work and social administration.

SA106 Social Administration and Social Policy

Mr Reddin and Dr M. Brown.

Twenty lectures, Michaelmas and Lent Terms.

For Dip. Soc. Admin. One yr. and second yr.

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. Some central issues in social policy.

Recommended 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*.

SA106(a) Social Administration (Classes)

For Dip. Soc. Admin., one-yr., and 2nd yr.; B.Sc. c.u. main fields Geog.,

Maths., Stats., Comp., Soc., Soc. Psych.

SA106(b) Social Policy

Topic Courses

Lent Term.

For Dip. Soc. Admin. one-yr. and 2nd yr.

SA107 Social and Public Administration

Dr Levin.

Five lectures, Michaelmas Term.

For B.Sc. S.S. and A. 2nd yr.

Five 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*; A. H. Hanson and M. Walles, *Governing Britain*; R. G. S. Brown, *The Management of Welfare*; R. Buxton, *Local Government*; H. Glennerster, *Social Service Budgets and Social Policy*; H. Hecllo and A. Wildavsky, *The Private Government of Public Money*; M. J. Hill, *The Sociology of Public Administration*; P. H. Levin, *Government and the Planning Process*. Further reading will be given during the course.

SA107(a) Social and Public Administration (Classes)

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

SA108 Sociology and Social Policy

Dr Downes and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin. one-yr.

Syllabus The definition scope and content of social policy and the application of sociology to issues of social welfare.

Recommended reading will be given during the course.

SA109 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

manpower planning and the training of health personnel; the collection and uses of health statistics; the economics of health services; the evaluation of medical care services; the relationships between health and other social services. **Recommended reading** will be given at the beginning of the course.

SA126(a) Health Administration (Class)

Summer Term.

For B.Sc. S.S. and A. 2nd yr.

SA126(b) Health Administration (Class)

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. Fortnightly, 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

The following Seminars will be available only for students taking the M.Sc. Option A.

SA150 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.*

SA151 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.

SA152 Social Research and Social Administration

Mr Bulmer. Ten 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. Problem-selection. Objectivity and values. Models of research: (a) description, (b) causal analysis, (c) focussed argument. Research design. Sampling and representativeness. Sources of data. Measurement and quantification. Analysis of results. Writing up research. The place of social research in the policy-making 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. Selltitz, *Research Methods in Social Relations*; M. Rosenberg, *The Logic of Survey Analysis*; R. Wax, *Doing Fieldwork*; R. Lees, *Research Strategies for Social Welfare*; E. R. Tuftes, *The Quantitative Analysis of Social Problems*; T. S. Simey, *Social Science and Social Purpose*; 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 session.

SA153 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.

SA154 Income Maintenance and Social Security Policies (Seminar)

Mr Piachaud and Mr Reddin.

Michaelmas and Lent Terms.

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* (Cmd. 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* (Cmd. 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. Hanser, *Economics of Unemployment Insurance*; Sir John Walley, *Social Security: Another British Failure?*

SA155 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*.

SA156 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.

SA157 Educational Policies and Administration (Seminar)

Mr Glennerster. Sessional. This seminar will not be held in session 1976-77

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 and Dr Harris. Fortnightly, Sessional.

For Staff and research students by invitation.

SA161 Social Research and Social Administration (Seminar)

Mr Bulmer. Fortnightly, Lent and Summer Terms.

For M.Phil. and Ph.D. students.

SA162 Issues in Community Action

Ms Hanmer and Dr M. Brown.

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 actions.

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.; Dip. Soc. Admin. (one-yr. Overseas Option).

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*; 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)

Professor Abel-Smith and Mr J. Carrier. One-and-a-half hours weekly, Lent and Summer Terms.

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)

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 Africa*; 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.

This course will not be given in session 1976-77.

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.

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. Zaleznik 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 194.

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 SA 319 are restricted to students registered for this course.

SA300 Theory and Methods of Social Work

Miss Butrym, Mrs Thomas, Mrs Williams and Ms Hanmer.

Introductory Lecture.
Michaelmas Term.

SA301 Principles and Practice of Social Work

Miss Butrym, Miss Elkan, Mrs Williams, Mr Sage, Mrs Thomas, Ms Hanmer and Miss Reich.

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
Ms Hanmer, Mr Sage and Miss Reich.

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

Dr Rayner. 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. Psycho-analytic theory and its derivatives. 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

Professor Cawley. Fourteen 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.

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.

SA306 Theories of Personality Development

Professor Plowman and Miss Elkan. Eight lectures, Michaelmas Term.

SA307 Family and Marital Interaction

Two Seminar groups taken by staff members of the Institute of Marital Studies in the Summer Term.

SA308 Forms of Substitute Care

Mrs Williams. Five lectures, Lent Term.

SA309 Psycho-Social Aspects of Health Care

Miss Butrym. Eight lectures, Lent Term.

Syllabus The course is primarily concerned with a study of the differing concepts of health and medical care, with the various factors influencing these, and with 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 will be given during the course.

SA310 Organization and Social Policy

Various lecturers. Ten lectures, Michaelmas Term.

Syllabus Some key administrative problems and processes associated with social welfare organizations. The objectives, structure and management of organizations. Priorities and the allocation of resources. Organizational change and development. The implications of professionalization in social work for welfare organizations. Social service planning, inter-organizational relationships and public participation. Key current policy issues.
Recommended reading D. V. Donnison, *Social Policy and Administration*; H. A. Simon, *Administrative Behaviour*; E. J. Miller and A. K. Rice, *Systems of Organization*; A. Etzioni, *Complex Organisations*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; M. N. Zald, *Social Welfare Institutions*; W. G. Bennis, K. D. Benne and R. Chin, *The Planning of Change*; C. Argyris, *Personality and Organization*; D. Katz and R. L. Kahn, *The Social Psychology of Organizations*; J. and E. Cumming, *Ego and Milieu*; T. Burns and G. M. Stalker, *The Management of Innovation*; P. F. Lazarsfeld, *The Uses of Sociology*.

SA311 The Social Work Electives

Weekly classes, Sessional in one of the following areas of study:

Child Welfare

Mrs Thomas and Mrs Williams

Mental Health and Mental Disorder

Miss Reich and Miss Elkan.

Ill Health and Disability, and Old Age

Miss Butrym and Mrs Bridge

Crime and Delinquency

Mr Sage.

Community Needs and Processes
Ms Hanmer.

SA312 Law, Rights and Social Work

Mr 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 Community Work
Ms Hanmer. Summer Term.

SA315 Welfare Rights
Summer Term.

SA316 Social Work in the Residential Setting
Mrs Williams. Summer Term.

SA317 Social Work with Children
Mrs Thomas. Summer Term.

Alternative and/or additional classes may be offered.

For M.Sc. Social Administration and Social Work Studies, Option B.

SA318 Social Work Studies
Miss Butrym and Mrs Thomas. Twenty-five seminars, Sessional.

SA319 Research and Social Work
Members of staff and outside lecturers. Ten classes, Lent Term.

Fieldwork Supervisors to the M.Sc and the Diploma in Social Work Studies

Mrs K. Allison	}	The Bethlem Royal and Maudsley Hospitals, Denmark Hill, SE5 8AZ
Miss J. Treseder		
Mrs D. Holbrook		
Miss V. Goitein		
Miss J. Rainey		
Miss E. Usher		
Miss G. Miles		
Mrs R. Prestage		
Miss E. Seigal	}	The Child Guidance Training Centre, 120 Belsize Lane, NW3 5BA
Miss H. Brown		
Miss P. Blount	}	Harold Wood Hospital, Department of Social Work, Harold Wood, Essex
Miss M. N. Knight		
Miss J. Turrill	}	New Charing Cross Hospital, Department of Medical Social Work, Fulham Palace Road, SW6
Mrs J. Lloyd		
Mrs M. Hill		
Miss B. Fowles		
Mrs T. Prior		
Miss M. Bailey	}	The London Hospital, Department of Social Work, Whitechapel, E1 1BB
Miss S. Hill		
Mr H. Gee	}	The Hammersmith Hospital, Department of Social Work, 150 Du Cane Road, W12
Miss A. Tobias		
Mrs M. Abramsky	}	Department of Social Work, St. George's Hospital, Blackshaw Road, SW17
Miss C. Tolaini		
Miss L. Binnington		
Miss W. Roberts		
Mrs J. Jordan	}	Middlesex Hospital Medical School, Academic Department of Psychiatry, Mortimer Street, W1N 8AA
Mrs F. Mendoza		
Miss S. Manley	}	The Middlesex Hospital, Department of Medical Social Work, Mortimer Street, W1N 8AA
Miss E. Kielty		
Mrs. A. Feldman	}	The Middlesex Hospital, Department of Psychiatry, St. Luke's-Woodside Hospital, N10
	}	Hospital for Sick Children, Great Ormond Street, WC1
	}	The Royal Free Hospital, Department of Psychological Medicine, Pond Street, NW3
	}	John Scott Health Centre, Child Guidance Unit, Green Lanes, N4 2NU
	}	University College Hospital, Children's Psychiatric Department, Gower Street, WC1E 6AU
	}	University College Hospital, Department of Medical Social Work, Gower Street, WC1E 6AU
	}	Walthamstow Child Guidance Clinic, Hurst Road Health Centre, Forest Road, E17 3BL
	}	York Clinic, Guy's Hospital, SE1

Mr M. Naish	}	Harlesden Community Project, 13 Nicoll Road, NW10
Mr P. Harris		
Mrs M. Barker	}	London Borough of Hackney, Social Services Department, 1 Hoxton Street, N1
Miss M. Walker	}	Royal Borough of Kensington and Chelsea, Social Services Department, 131 Holland Park Road, W11
Mr B. Bennett		
Mrs R. Ellis	}	London Borough of Hammersmith, Social Services Department, 160 Coningham Road, W12
Miss C. Roskill	}	Hillingdon Social Services Department, Old Bank House, High Street, Uxbridge.
Mrs A. Cookson		
Mrs S. Winters	}	London Borough of Wandsworth, Social Services Department, Municipal Buildings, Wandsworth High Street, SW18
Miss D. Braithwaite		
	}	London Association of Housing Estates, 17 Victoria Park Square, E2
	}	Centre 70, Christchurch Road, SW2
	}	Battersea Child Guidance Clinic, 6 Cambridge Road, SW11

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, Dr Hopper and Dr Badcock. Forty-five lectures, Sessional.

For B.Sc. main fields Soc. 1st yr., Geog., Soc. Psych.; B.Sc. (Econ.) Parts I and II; 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., 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. Students outside the Sociology Department who are considering taking this course are invited to attend Dr Badcock's lectures in Course So100, which will provide an introduction, during the year preceding that in which the course is given.

Recommended reading R. Aron, *Main Currents in Sociological Thought* (2 vols.); S. Avineri, *The Social and Political Thought of Karl Marx*; R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power*; R. Bendix, *Max Weber: an Intellectual Portrait*; 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*; A. Cicourel, *Methods and Measurement in Sociology*; 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 Elemen-*

tary Forms of the Religious Life etc.; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; A. and E. Etzioni (Eds.), *Social Change*; P. Filmer et al, *New Directions in Sociological Theory*; 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; Character and Social Structure*; 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*; J. D. Y. Peel, *Herbert Spencer*; K. R. Popper, *The Poverty of Historicism*; *Objective Knowledge*; *The Open Society and Its Enemies*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; T. Raison (Ed.), *Founding Fathers of Sociology*; J. Rex, *Key Problems in Sociological Theory*; A. Schutz, *Phenomenology of the Social World*; 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. Ryan, *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 and 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.

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 and others. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Soc., Soc. Psych.; B.Sc. S.S. and A.; optional for Dip. Soc. Admin. 2nd yr. and one-yr.

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*; J. Child, *The Business Enterprise in Modern Industrial Society*; 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*; T. J. Johnson, *Professions and Power*; J. H. Goldthorpe, *The Affluent Worker* (three monographs); W. G. Runciman, *Relative Deprivation and Social Justice*; C. J. Crouch, 'The Drive for Equality?' in 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*; H. A. Clegg, *The System of Industrial Relations in Great Britain*; A. Flanders, *Management and Unions*; R. Hyman, *Marxism and the Sociology of Trade Unionism*; 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 Rapport, *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, *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., Soc., Soc. Psych.

So110 The Social Structure of the Soviet Union

Dr Weinberg. Sessional.

This course will not be given in the session 1976-77.

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.

This course will not be given in the session 1976-77.

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 organisation 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.

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. The role of values and personality factors in the process of economic growth. 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, examination of problems arising out of the commercialisation of agriculture, agrarian reforms, the creation of an industrial labour force, urbanisation, etc.

Recommended reading R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; W. L. Wallace (Ed.), *Sociological Theory*; W. W. Rostow, *The Stages of Economic Growth*; G. Hunter, *The New Societies of Tropical Africa*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; S. M. Lipset, *Political Man*; E. and A. Etzioni, *Social Change*; B. F. Hoselitz, *Sociological Aspects of Economic Growth*; N. J. Smelser, *Social Change in the Industrial Revolution*; C. Kerr et al, *Industrialism and Industrial Man*; C. C. Brinton, *The Anatomy of Revolution*; D. C. McClelland, *The Achieving Society*; B. F. Hoselitz and W. E. Moore, *Industrialization and Society*; W. J. Goode, *The Modern Revolution and the Family*; A. de Tocqueville, *Democracy in America*; C. Johnson, *Revolution and the Social System*; G. M. Meier, *Leading Issues in Development Economics*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; L. Coser, *Men of Ideas*; E. R. Sahlins and M. D. Service, *Evolution and Culture*; T. Parsons, *Societies, Evolutionary Perspectives*; P. A. Sorokin, *Social Philosophies of an Age of Crisis*; B. Moore Jr., *The Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation-Building and Citizenship*; *Work and Authority in Industry*; P. Baran, *The Political Economy of Growth*; A. Gunder Frank, *Capitalism and Underdevelopment in Latin America*; C. Veliz (Ed.), *The Policy of Conformity in Latin America*. Further reading will be given at the beginning of the course.

So112(a) Industrialisation and Theories of Social Change

Twenty classes, Michaelmas and Lent Terms.

So113 Sociology of Religion

Dr M. Hill, Mrs Scharf and Professor Martin. Thirty lectures, Michaelmas and Lent Terms.

This course will not be given in 1976-77.

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)

Dr M. Hill and Mrs Scharf. Michaelmas and Lent Terms.

This course will not be given in 1976-77.

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 1*; 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. 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*; S. M.

Lipset et al, *Union Democracy*; N. Mouzelis, *Organization and Bureaucracy*; T. Burns and G. Stalker, *The Management of Innovation*; M. Crozier, *The Bureaucratic Phenomenon*; R. Blauner, *Alienation and Freedom*; A. Touraine et al, *Workers' Attitudes to Technical Change*; 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*.

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 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. incl. overseas option (2nd yr. and one-yr.).

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.; 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*; V. Aubert (Ed.), *The Sociology of Law*; N. M. Kittrick, *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 organisation. 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 R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power* (2nd edn.); A. Giddens, *Class Structure of the Advanced Societies*; C. Heller (Ed.), *Structured Social Inequality*; G. Lenski, *Power and Privilege*; M. Bloch, *Feudal Society*; M. Weber, *Economy and Society*, Vol. 3, chaps. 11-13; S. N. Eisenstadt, *Essays on Comparative Institutions*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; M. Archer and S. Giner (Eds.), *Contemporary Europe: Class, Status and Power*; F. Parkin, *Class Inequality and Political Order*; B. R. Wilson (Ed.), *Rationality*; M. Albrow, *Bureaucracy*.

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 and Dr Mann.
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. Seltiz 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.

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. 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. 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 Under-*

development; 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 be given only if a sufficient number of students requests it.

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.

So169 Political Sociology: selected topics (Seminar)

Professor McKenzie. Lent Term. For M.Sc. Optional for other graduate students.

So170 Sociological Theory (Seminar)

Professor D. A. Martin and Mrs Barker. Sessional. For M.Sc.

IV ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES

So180 Sociological Theory and its Uses

Professor Cohen. Twenty-five lectures, Sessional. 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.

For interested students.

Syllabus This seminar will explore the theoretical problems of the sociology of literature and then discuss some empirical work.

So184 Current Sociological Research (Seminar)

Fortnightly, Sessional. Optional for M.Phil., Ph.D. and Research Fee students in Sociology.

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.

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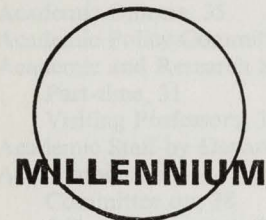
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