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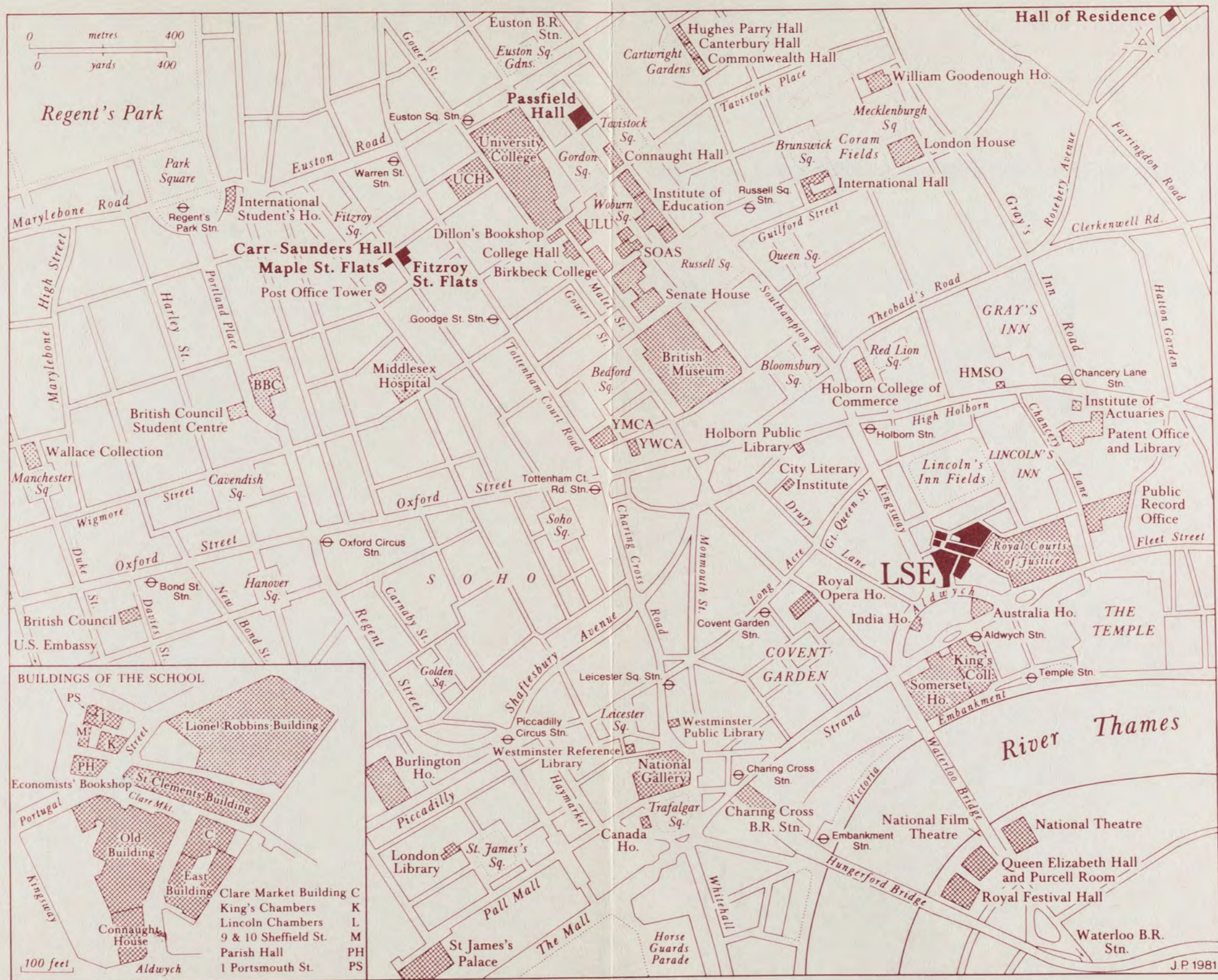
The London School of Economics and Political Science



Calendar 1982-83

LSE / UNREGISTERED

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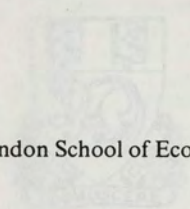
0 metres 400
0 yards 400

Regent's Park

BUILDINGS OF THE SCHOOL

PS	Lionel Robbins Building
M	St Clements Building
K	Old Building
PH	East Building
	Clare Market Building C
	King's Chambers K
	Lincoln Chambers L
	9 & 10 Sheffield St. M
	Parish Hall PH
	1 Portsmouth St. PS

100 feet



The London School of Economics and Political Science *Calendar 1982-83*

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

Calendar 1982-83

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Calendar 1982-83

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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 H307) and *Timetabling Office* (Room H306)

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

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

Undergraduate Admissions Office (Room H301)

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

Graduate School Office (Room H203)

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

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

Graduate Admissions Office (Room H205)

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

Official Publications:

Calendar of the School, obtainable from The Economists' Bookshop, Clare Market, Portugal Street, London, WC2A 2AB, £5.50 plus postage

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration

Diplomas in the Social Sciences

Department of Anthropology

Diploma in Social Planning in Developing Countries

Department of Social Science and Administration

Diploma in Personnel Management

European Studies for Graduates

Trade Union Studies

Graduate Studies in Politics

Graduate Studies in Social Psychology

Graduate Studies in Industrial Relations

Graduate Studies in International History

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 1982-83

Michaelmas Term: Thursday, 30 September 1982 to Friday, 10 December 1982
(Teaching begins Monday, 4 October 1982)

Lent Term: Monday, 10 January 1983 to Friday, 18 March 1983

Summer Term: Monday, 25 April 1983 to Friday, 1 July 1983

Session 1983-84

Michaelmas Term: Thursday, 29 September 1983 to Friday, 9 December 1983
(Teaching begins Monday, 3 October 1983)

Lent Term: Monday, 9 January 1984 to Friday, 16 March 1984

Summer Term: Monday, 23 April 1984 to Friday, 29 June 1984

Calendar 1982-83

(University functions in Italics)

September 1982

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

October 1982

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

November 1982

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

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

1	S	New Year's Day Public Holiday
2	S	
3	M	
4	T	School buildings re-open, 9.30 a.m.
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	School Lent Term begins
11	T	Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m.
12	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
13	Th	University Lent Term begins
14	F	
15	S	
16	S	
17	M	Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m.
18	T	
19	W	Presentation Day. Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
20	Th	
21	F	
22	S	
23	S	
24	M	Committee on Undergraduate Studies, 5 p.m.
25	T	
26	W	Academic Policy Committee, 2 p.m. Board of Studies in Economics, 2.30 p.m. Library Committee, 4.30 p.m.
27	Th	Athletics Committee, 4 p.m. External Relations Committee, 5 p.m.
28	F	
29	S	
30	S	
31	M	

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

1	T	
2	W	General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Academic Policy Committee, 4.30 p.m.
3	Th	
4	F	
5	S	
<hr/>		
6	S	
7	M	Committee on Undergraduate Studies, 5 p.m.
8	T	
9	W	<i>Presentation Day</i> . Conference Grants Sub-Committee, 12 noon. Appointments Committee, 2 p.m. Inter-Halls Committee, 2 p.m.
10	Th	Athletics Committee, 4 p.m.
11	F	
12	S	
<hr/>		
13	S	
14	M	Meeting of the Professors of Economics, 2 p.m. Building Committee, 5.30 p.m.
15	T	Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m.
16	W	Academic Board, 2 p.m. Research Committee, 4.30 p.m.
17	Th	Committee on Administrative and Library Staffs, 2 p.m. Court of Governors, 5 p.m.
18	F	School Lent Term ends
19	S	
<hr/>		
20	S	
21	M	
22	T	
23	W	
24	Th	<i>University Lent Term ends</i>
25	F	
26	S	
<hr/>		
27	S	
28	M	
29	T	Admissions Committee, 10 a.m.
30	W	School buildings close for Easter holiday, 9.30 p.m.
31	Th	

1	F	
2	S	
<hr/>		
3	S	Easter Sunday
4	M	
5	T	
6	W	
7	Th	School buildings re-open, 9.30 a.m.
8	F	
9	S	
<hr/>		
10	S	
11	M	
12	T	
13	W	
14	Th	
15	F	
16	S	
<hr/>		
17	S	
18	M	
19	T	
20	W	
21	Th	
22	F	
23	S	
<hr/>		
24	S	
25	M	School Summer Term begins
26	T	Academic Studies Sub-Committee, 2 p.m.
27	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. Board of Studies in Economics, 2.30 p.m.
28	Th	University Summer Term begins
29	F	
30	S	

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

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

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

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Economic History: Professor Charlotte J. Erickson
Economics: Professor H. Myint
Geography: Professor Emrys Jones
Government: Professor M. W. Cranston
Industrial Relations: Professor B. C. Roberts
International History: Professor I. H. Nish
International Relations: Professor F. S. Northedge
Language Studies: Professor R. Chapman
Law: Professor Lord Wedderburn
Philosophy, Logic and Scientific Method: Professor E. A. Gellner
Social Psychology: Professor Hilde T. Himmelweit
Social Science and Administration: Professor R. A. Pinker
Sociology: Professor Terence P. Morris
Statistical and Mathematical Sciences: Professor J. Hajnal

Departmental Tutors for the Session 1982-83

Accounting: Mr. Stephen P. Lumby
Anthropology: Dr. David McKnight
Economic History: Dr. P. Earle
Economics: Dr. Nicholas A. Barr
Geography: Miss Helen M. Scoging (1st year B.Sc. and B.Sc. (Econ.) students)
Mr. David K. C. Jones (2nd year B.Sc. and B.Sc. (Econ.) students)
Professor M. J. Wise (3rd year B.Sc. and B.Sc. (Econ.) students)
Government: Dr. R. S. Barker
Industrial Relations: Mr. D. W. Marsden
International History: Mr. G. A. Grün (B.Sc. (Econ.) students)
Dr. Derek McKay (B.A. History students)
International Relations: Mr. P. G. Taylor
Language Studies: Dr. K. E. M. George
Law: Mr. D. C. Bradley
Philosophy: Dr. Peter M. Urbach
Social Psychology: Dr. Janet E. Stockdale
Social Science and Administration: Dr. David M. Downes
Sociology: Dr. M. Mann
Statistical and Mathematical Sciences: Dr. Celia M. Phillips

Secretaries of Divisions of the Staff Research Fund

Economics: Dr. Meghnad Desai
Geography/Anthropology: Dr. David McKnight
Government: Dr. H. Machin
International Studies: Dr. Antony Polonsky
Legal: Ms. Jennifer Temkin

Social: Dr. Christopher T. Husbands
Statistics: Mr. Andrew Harvey

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
The Rt. Hon. Lord Croham
Sir Frederick Dainton
Mrs. E. M. Hattersley
Sir Arthur Knight
Lady McGregor

The Rt. Hon. Lord Ponsonby of Shulbrede
Professor W. R. Cornish

Dr. C. J. Crouch
Mr. P. F. Dawson
Professor J. Durbin
Professor D. G. MacRae
Professor B. C. Roberts
Professor D. C. Watt

} *nominated by the Academic Board*

BUILDING COMMITTEE

The Director
The Pro-Director
The General Secretary of the Students' Union
(Mr. A. W. Donaldson)
The Senior Treasurer of the Students' Union
(Mr. R. H. Young)

} *ex officio*

Mr. A. C. Gilmour (Chairman)

Mr. I. C. Clarke
Mr. P. G. Palumbo
Mr. D. A. Clarke
Dr. G. D. Gaskell
Professor F. F. Land
Dr. J. E. Hall Williams
(Vacancy)

} *nominated by the Academic Board*

Two students members nominated by the Students' Union

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

The Chairman of the Court of Governors (Chairman)
The Vice-Chairman of the Court of Governors
The Vice-Chairman of the Academic Board
The Director
The Pro-Director
Dr. N. A. Barr
Sir John Burgh
Professor C. J. Erickson
Mr. D. J. Kingsley
Professor I. H. Nish
Mr. P. G. Palumbo

} *ex officio*

Mr. I. M. Peacock
The Rt. Hon. Lord Robbins
Professor B. C. Roberts
Professor S. Strange
The Rt. Hon. Lord Tanlaw

HONORARY FELLOWS COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
The Vice-Chairman of the Academic Board
(Professor W. R. Cornish)

} *ex officio*

Mrs. J. Floud
Sir Claus Moser
Mr. D. R. Diamond
Professor M. J. Wise
(Two vacancies)

} *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
Sir Anthony Burney (Chairman)
Mr. C. H. Barclay
The Rt. Hon. Lord Croham
Mr. R. J. Kirton
Professor A. R. Prest
Mr. E. de Rothschild

} *ex officio*

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

Sir Anthony Part (Chairman)
The Director
The Pro-Director
The Librarian
The Chairman of the Library Committee
(Professor C. J. Erickson)
Mr. R. E. Bird
Sir Frederick Dainton
Professor W. Letwin
Professor D. G. MacRae

} *ex officio*

} *nominated by the Academic Board*

Committees of the Academic Board

GENERAL PURPOSES COMMITTEE

- The Director
 - The Pro-Director
 - The Vice-Chairman of the Academic Board
(Professor W. R. Cornish)
 - The General Secretary of the Students' Union
(Mr. A. W. Donaldson)
 - The Graduate Affairs Officer of the Students' Union Executive
(Mr. A. Canning)
 - Professor M. S. Anderson
 - Mr. D. W. Balmer
 - Dr. J. L. Bell
 - Professor P. S. Dasgupta
 - Mr. J. R. Drewett
 - Dr. H. Machin
 - Dr. A. N. Oppenheim
 - Professor R. A. Pinker
 - Mr. G. Schöpflin
 - Professor S. Strange
 - The Dean of the Graduate School (Mr. P. F. Dawson)
 - The Dean of Undergraduate Studies (Mrs. E. V. Barker)
 - (Three vacancies)
- } *ex officio*

Four student members nominated by the Students' Union

ACADEMIC POLICY COMMITTEE

- The Director
 - The Pro-Director
 - The Chairman of the Graduate School Committee
(Professor M. S. Anderson)
 - The Dean of the Graduate School
(Mr. P. F. Dawson)
 - The Dean of Undergraduate Studies
(Mrs. E. V. Barker)
 - The Librarian
 - The Vice-Chairman of the Academic Board
(Professor W. R. Cornish)
 - The Vice-Chairman of the Appointments Committee
(Professor D. J. Bartholomew)
 - The Chairman of the Academic Studies Sub-Committee
(to be appointed)
 - Dr. S. R. Alpern
 - Professor M. W. Cranston
 - Dr. C. J. Crouch
 - Dr. P. Earle
 - Professor L. P. Foldes
 - Dr. J. G. H. Fulbrook
 - Dr. S. Glaister
 - Mr. H. Glennerster
 - Mr. G. A. Grün
 - Dr. B. S. Johnson
 - Mr. D. K. C. Jones
 - Professor G. W. Jones
- } *ex officio*

- Dr. J. O. Kaplan
- Mr. A. G. L. Nicol
- Mr. C. W. Noke
- Dr. A. N. Oppenheim
- Dr. R. J. Paul
- Professor R. A. Pinker
- Dr. R. Richardson
- Dr. I. Roxborough
- Mr. N. R. A. Sims
- Mr. J. J. Thomas
- Dr. E. G. Zahar

ACADEMIC STUDIES SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

- The Pro-Director
 - The Dean of Undergraduate Studies
(Mrs. E. V. Barker)
 - To be appointed (Chairman)
 - Dr. C. J. Crouch
 - Dr. J. G. H. Fulbrook
 - Dr. S. Glaister
 - Mr. G. A. Grün
 - Professor G. W. Jones
 - Mr. C. W. Noke
 - Professor R. A. Pinker
 - (Vacancy)
- } *ex officio*

COMPUTING SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

- The Director
 - The Pro-Director
 - The Chairman of the Computer Services Users' Committee
(Dr. C. Board)
 - Professor A. S. Douglas (Chairman)
 - Dr. M. I. A. Bulmer
 - Dr. G. D. Gaskell
 - Mr. J. M. Jacob
 - Dr. B. S. Johnson
 - Professor F. F. Land
 - Dr. T. J. Nossiter
 - Mr. P. J. Wakeford
 - Dr. S. J. Waters
 - Mr. K. Willder
- } *ex officio*

Two student members to be nominated by the Students' Union

COMMITTEE ON STUDENT NUMBERS

(A sub-committee of the Academic Policy Committee)

- The Director
- The Pro-Director
- Professor W. R. Cornish (Vice-Chairman of the Academic Board)
- Dr. R. C. Estall (Chairman of the Admissions Committee)
- Mr. A. J. Beattie (Vice-Chairman of the Admissions Committee)
- Professor M. S. Anderson (Chairman of the Graduate School Committee)
- Mr. P. F. Dawson (Dean of the Graduate School)

Mrs. E. V. Barker (Dean of Undergraduate Studies)
 Mr. J. Potter (Senior Tutor to General Course Students)
 (Chairman of the Academic Studies Sub-Committee)

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

COMMITTEE ON ACCOMMODATION
 The Director } *ex officio*
 The Pro-Director }
 The Vice-Chairman of the Academic Board }
 (Professor W. R. Cornish) }
 The General Secretary of the Students' Union (Mr. A. W. Donaldson) }
 Mr. R. F. G. Alford
 Dr. C. Board
 Mr. M. E. Falkus
 Mr. I. G. F. Karsten
 Mr. S. P. Lumby
 Mr. M. J. Reddin
 Dr. A. E. M. Seaborne
 Dr. G. R. Smith
 (Vacancy)

Four students members nominated by the Students' Union

CAREERS ADVISORY SERVICE COMMITTEE
 The Director } *ex officio*
 The Pro-Director }
 Dr. S. R. Hill (Chairman)
 Mr. G. C. Brunton } *appointed by the Court of Governors*
 Mr. R. J. Kirton }
 Mrs. K. F. Russell }
 Mr. E. C. Sosnow }
 Mr. S. F. Wheatcroft }
 Mr. G. A. Grün }
 Dr. J. V. Howard }
 Dr. J. A. Rees }
 Dr. J. E. Stockdale }
 Dr. R. M. Thomas }
 (Three vacancies)

Nine student members

COMPUTER TIME ALLOCATION COMMITTEE
 The Pro-Director } *ex officio*
 The Vice-Chairman of the Academic Board }
 (Professor W. R. Cornish) }
 The Convener of the Statistics Department (Professor J. Hajnal) }
 Professor M. Zander }
 An academic governor }

GRADUATE SCHOOL COMMITTEE
 The Director } *ex officio*
 The Pro-Director }
 Professor M. S. Anderson (Chairman)
 Mr. P. F. Dawson (Dean)
 Professor B. V. Carsberg
 Professor R. Chapman
 Professor M. W. Cranston
 Mr. M. D. Donelan
 Dr. C. R. S. Dougherty
 Professor J. Durbin
 Dr. C. J. Fuller
 Dr. S. R. Hill
 Dr. E. H. Hunt
 Dr. L. H. Leigh
 Professor I. H. Nish
 Dr. A. N. Oppenheim
 Professor R. A. Pinker
 Dr. J. A. Rees
 Professor B. C. Roberts
 Dr. E. G. Zahar

NORTHERN STUDIES COMMITTEE
 The Director } *ex officio*
 The Pro-Director }
 The Cultural Attachés of the Four Northern Countries }
 Professor M. S. Anderson (Chairman)
 Dr. R. W. D. Boyce
 Mr. J. T. S. Madeley
 Mr. J. Potter
 Mr. M. J. Reddin
 Dr. N. A. Spence

PUBLICATIONS COMMITTEE
 The Director } *ex officio*
 The Pro-Director }
 The Librarian }
 Professor D. A. Martin (Chairman)
 Professor K. Bourne
 Dr. M. J. Desai
 Dr. P. Earle
 Dr. A. A. F. Gell
 Mr. M. J. Reddin
 (Two vacancies)

SCHOLARSHIPS AND PRIZES COMMITTEE

The Director
The Pro-Director
The Chairman of the Admissions Committee (Dr. R. C. Estall) } ex officio
The Deputy Chairman of the Admissions Committee }
(Mr. A. J. Beattie)
To be appointed (Chairman)
To be appointed (Vice-Chairman)
Mr. P. F. Dawson
Mr. B. Green
Dr. M. Leifer
Mr. H. B. Rees
Mr. D. J. Sinclair
Mr. J. J. Thomas
(Vacancy)

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director } ex officio
The Pro-Director }
Mr. H. Glennerster (Chairman)
Dr. M. Brown
Professor J. A. G. Griffith
Dr. J. McShane

Four student members

COMMITTEE ON UNDERGRADUATE STUDIES

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

Appointments Committee and its Committees

APPOINTMENTS COMMITTEE

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

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director } ex officio
The Pro-Director }
The Vice-Chairman of the Appointments Committee }
(Professor D. J. Bartholomew)
Professor K. G. Binmore
Professor P. S. Cohen
Professor W. R. Cornish
Professor L. P. Foldes
Professor W. Letwin
Professor S. Strange

Professor J. W. N. Watkins
(Vacancy)

RESEARCH COMMITTEE

The Director } ex officio
The Pro-Director }
The Librarian }
Professor D. G. MacRae (Chairman)
Mr. D. R. Diamond
Mr. A. C. Harvey
Professor R. Higgins
Dr. C. Howson
Professor S. J. Nickell
Professor R. A. Pinker
Dr. R. Richardson
Dr. A. P. E. L. Sealy
Professor P. J. O. Self

Committees Advisory to the Director

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director } ex officio
The Pro-Director }
Dr. R. C. Estall (Chairman)
Mr. A. J. Beattie (Deputy Chairman)
Mr. R. F. G. Alford
Mr. D. E. Baines
Mr. M. H. Banks
Dr. N. A. Barr
Professor D. J. Bartholomew
Mr. P. F. Dawson
Professor S. Dev
Dr. D. M. Downes
Mr. M. E. Falkus
Dr. A. M. Green
Mr. G. A. Grün
Mr. J. M. Jacob
Mr. A. D. Jones
Mr. K. Klappholz
Dr. M. Leifer
Mr. D. McKay
Mr. K. R. Minogue
Dr. A. B. Polonsky
Mr. J. Potter
Dr. J. P. Parry
Miss H. M. Scoging
Dr. A. D. S. Smith
Dr. A. W. Swingewood
Mr. P. G. Taylor
Mr. J. J. Thomas
Mr. E. Thorp

ATHLETICS COMMITTEE

Dr. R. C. Estall (Chairman)
Mr. M. E. Falkus (Vice-Chairman)

The Pro-Director
 Mr. C. A. O'Muircheartaigh } *nominated by the Academic Board*
 Dr. J. Worrall
 Mr. K. R. Minogue (representing the Senior Common Room)
 The President of the Athletic Union (Mr. R. Creswell)
 The Internal Vice-President of the Athletic Union (Ms. D. Bass)
 The External Vice-President of the Athletic Union (Mr. J. Box)
 The General Secretary of the Athletic Union (Mr. P. Mitchell)
 The Treasurer of the Athletic Union (Mr. D. Rowe)
 The Assistant General Secretary of the Athletic Union (Mr. R. Dahill)
 Mr. A. Macduff
 Mr. D. Phelps (representing the Economics Club)

COMMITTEE ON ADMINISTRATIVE AND LIBRARY STAFFS

The Director (Chairman)
 The Pro-Director
 Chairman of the Library Committee (Professor C. J. Erickson)
 The Vice-Chairman of the Academic Board (Professor W. R. Cornish)
 The Vice-Chairman of the Appointments Committee (Professor D. J. Bartholomew)
 Professor B. C. Roberts } *nominated by the Standing Committee*
 Professor D. G. MacRae
 The Librarian
 The Academic Secretary
 The Secretary for Finance and Administrative Services

LIBRARY COMMITTEE

The Director
 The Pro-Director
 The Librarian
 The Chairman of the Library Panel (Sir Anthony Part)
 The General Secretary of the Students' Union
 (Mr. A. W. Donaldson)
 The Graduate Affairs Officer of the Students' Union Executive
 (Mr. A. Canning)
 Mr. D. J. Sinclair (Chairman)
 Professor D. A. Martin (Vice-Chairman)
 Mr. R. E. Bird } *nominated by the Standing Committee*
 Sir Frederick Dainton
 Mr. T. C. Hartley
 Dr. M. J. Hebbert } *nominated by the Academic Board*
 Professor W. Letwin
 Professor I. M. Lewis
 Dr. J. McShane
 Dr. A. J. Ostaszewski
 Professor B. S. Yamey
 (Vacancy)
 An Academic Governor Member of the Library Panel
 Two student members nominated by the Students' Union
 Mr. G. Thompson
 (Up to two further outside members)

EQUIPMENT COMMITTEE

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

INTER-HALLS COMMITTEE

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

CATERING SERVICES ADVISORY COMMITTEE

The Director
 The Pro-Director (Chairman)
 The Secretary for Finance and Administrative Services
 Professor T. C. Barker
 Miss J. Pinney } *(representing the Senior Common Room)*
 Dr. C. Whitehead
 Miss E. Roberts } *(representing the Administrative Staff Common Room)*
 Miss P. Kendall
 The Senior Treasurer of the Students' Union (Mr. R. H. Young)

Four student members

SAFETY COMMITTEE

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

The School Nurse
The Safety Officer
The Library Steward

Three student members

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
The Welfare Officer of the Students' Union Executive
The Dean of the Graduate School (Mr. P. F. Dawson)
The Dean of Undergraduate Studies (Mrs. E. V. Barker)
Professor R. Chapman (Chairman)
Mrs. M. G. W. Hardiman
Dr. J. O. Midgley
Professor I. H. Nish
Mr. J. Potter
Mr. J. J. Thomas
The Chairman of the Student's Union Committee on Overseas Students' Welfare
Three other members nominated by the Students' Union

} *ex officio*

History of the School

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

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

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

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

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

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

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

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

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

Report by the Director on the Work of the School during the Session 1980-81

1980-81 was a Session in which the School braced itself for harder times to come. It did do successfully; but the problems with which we are faced will be with us for many years: a new financial regime which makes the School more vulnerable, a changing composition of our student body which puts stress on the academic values which we cherish, a worsening climate for the social sciences and for social scientists, and of course the need to plan ahead at a time at which all one seems to see is a grey mist of uncertainty. This Report will take up the thread where last year's Report left it, list our actions, and discuss some issues of special importance. It is not a gloomy Report, though it will point out the precariousness of the relative success of LSE.

On Finance, or from Public to Private

In 1980-81, LSE lost the the first tranche of the "overseas element" of its grant. It will be remembered that Government proposes to take away from universities the sum equivalent to the total cost of overseas students in three tranches. For LSE, with a proportion of overseas students close to 40 per cent, the effects are dramatic. In 1979-80, our total recurrent grant from the University Grants Committee amounted to £6.083 million; in 1980-81 it was £6.988 million. In 1981-82 it will be £5.583 million. In other words, at a time of high inflation, our government grant has actually declined in nominal terms, to say nothing of its real value.

Punitive treatment for overseas students is not the only reason for this decline. There were two further rounds of public expenditure cuts which have hit all universities alike; and one must suspect that in the current climate, the 1981 cuts were not the last ones. Given the prevailing public and political attitudes to universities in general, and to the social sciences in particular, our block grant from government sources is bound to be under threat.

But then, this share of our income has declined dramatically in recent years. In 1981-82 it will be down from some 80 per cent five years ago to little over 40 per cent. Almost 60 per cent of our income has to be found from other sources. This makes us more private than some of the great American universities.

The main source elsewhere is of course student fees. Home students still get their fees paid by Local Education Authorities, though this may well be the next subject of Government cuts. Students from European Community countries pay what are oddly called "low fees", to wit, £740 in 1980-81, and £900 in 1981-82. Their numbers have nevertheless held up well. All other students from overseas had to pay £2,000 in 1980-81, and will have to pay £2,700 in 1981-82. Income from these high-fee students alone accounts now for nearly a quarter of the total income of the School. In other words, while we were always proud of our international character, we are now dependent on our overseas students.

To say that a quarter of our total income accrues from high-fee students conceals more than it reveals. Where do these students come from? Fortunately, they still come from a wide variety of countries. The percentage coming from any one country has not increased significantly. However, we now have more one-year or even one-term undergraduates.

In addition, a considerable number of overseas students now take one of our new Diplomas (in Business Studies, in International Politics, and a number of other areas). In order to attract these students, and overseas students generally, we have continued our efforts to make LSE even better known abroad. Teachers of the School who were travelling in any case, have helped greatly. In the United States, we have established

more systematic relations with a number of Colleges, and notably with Beaver College which channels one-term students. Similar efforts will now have to be made in South East Asia and elsewhere. There is of course no telling whether students will continue to come at the present rate of fees and the cost of living in London.

Still, so far we have succeeded not only in keeping our numbers up, but in increasing them. In 1980-81, LSE had more students than at any time in its history. There were 3,700 full-time students, plus another 370 so-called full-time equivalents (which include part-time students and certain other categories).

Private universities in the United States have means to assist a large number of students financially. The LSE 1980s Fund was begun at the right time to enable us to do the same. The Fund was intended to find £2 million in the 1980s, and support with the money 100 students each year. By the end of the academic year 1980-81 the 1980s Fund had reached £1 million, and started on the second million. 106 students had already been helped from it.

All this is not to say that we could do without savings. The three essential policies of LSE stand: no redundancies on account of necessary savings; continued opportunities for promotion on merit; equitable sharing of the burden we have to carry. In addition, we have always tried to make sure that no student has to leave on account of fee increases which happened after his or her arrival. Nevertheless, severe savings were necessary. A considerable number of posts had to remain unfilled when they fell vacant. Academics and other staff have shown a remarkable readiness to be flexible and do what was necessary rather than what they were first appointed to do. On non-staff expenditure, we are now close to Mayor Koch's method for getting New York out of red figures: a moratorium means that much maintenance work is deferred, and certain other things are no longer done at all, always hoping that the place will not fall apart. For a Director who shares the concern of staff about our environment, these are painful policies.

This then is the battery of measures which we have taken: an attempt to keep up non-grant income, indeed increase it, by attracting more overseas students, partly to new courses; the LSE 1980s Fund; and relatively painless savings. The result was encouraging. In 1980-81, the School had a slight surplus.

The Price of Success

This, however, is the last good word which can be said about the financial developments of recent years. Our own success was not costless; moreover it has to be seen in a wider context of policies which need to be considered in this Report. While it is now clear that LSE will manage, it has to do so by sacrificing some of the things it holds dear.

First of all, there is of course an academic price. We have maintained not only the quality of teaching, but also the quality of intake to our traditional degrees. But our staff-student ratio has deteriorated from 1:12 in 1979-80 to what is likely to be 1:14 in 1981-82. It is just not good enough to look on this development merely as an increase in productivity. To be sure, many teachers — as well as our non-academic staff — have worked harder in order to cope with more students adequately. But classes have in some cases grown to an undesirable size; tutorials have become difficult to arrange; there has been great strain on the Library. Generally, an already crowded site has become overcrowded.

We have drawn two conclusions from this condition. One is to set up a Committee on Teaching Arrangements under the chairmanship of Professor Raymond Chapman. This Committee is at present looking at the whole range of issues arising in connection with teaching: the system of tutorials, the size of classes, the length of the teaching year, the timing of examinations, the number of options offered, the improvement of Library facilities. The Committee will report early in 1982, and more will have to be said about it in my next Report.

The other conclusion has been on my mind for some time. In academic terms, it would be desirable to have a somewhat smaller London School of Economics rather than a bigger one. Ideally, 3,000 students and 250 academic staff would make for a splendid academic institution in the social sciences which could keep its research orientation as well as its international character. In the light of such intentions, it is more than a little vexing that we should be moving in the opposite direction. But it seems clear that in the near future we must try to change course and consider ways to reduce our total operation.

A second major comment is somewhat different in nature. It is sometimes said that Government policies have pushed us into the market. They have certainly forced us to look after ourselves to a considerable extent. It is all the more incomprehensible that these essentially financial decisions continue to be accompanied by administrative restrictions. It is all very well, for example, to compare the LSE with MIT or Stanford or one of the other great American universities. They do indeed charge \$6,000 for tuition at the moment. But not only is living much cheaper in America (the full fee including room and board is \$10,000 at Ivy League universities), but overseas students in America can work to earn their way. In Britain, this is not possible. Incidentally, even the level of the fee itself is an administrative restriction. Why not leave it to us how much we charge?

The most serious, and absurd restriction which has emerged during the last academic year is however the idea of student number targets. These apply to "low-fee" students only. Still, universities are now told by the University Grants Committee that they must reduce their numbers of "low-fee" students by 1983-84. The extent of this reduction varies. Some universities are pushed to the limits of viability by the threat. LSE has so far been told to lose 332 students by 1983-84, though the final figure is still subject to discussions within the University of London. But the whole principle of these reductions seems hard to defend.

The most absurd consequence is that for EEC students. First, Government tried to make life easier for them by putting them into the "low-fee" category. Then, the UGC set a restrictive target for "low-fee" students, so that the intake of EEC students is bound to be reduced. A policy?

The most painful consequence however is that for home students. In these next few years the famous demographic "bulge" will reach the tertiary system of education. At the same time, unemployment, especially among school leavers, is bound to remain high. To close the doors of universities at such a time by administrative fiat, is either a sign of confusion, or one of carelessness. This is all the more true in view of the fact that universities are prepared to take as many, or more home students, even at the risk of a deterioration in their unit of resource. Dare one hope that in this respect at least there might be some second thoughts?

The third major comment may sound like a return to a familiar subject; it is nevertheless necessary. The comment concerns overseas students. LSE has maintained, indeed increased its overseas student numbers despite the high fees. But LSE is entirely untypical. Not only did we make a special effort, but we were favourably placed to do so. LSE has many friends all over the world. It is not surprising that nationally, the number of overseas students in the universities has fallen by about 6 per cent in 1980-81 compared to the previous year, and it is now certain that there will be a further major fall in 1981-82.

This reduction was of course intended. The effect, if not the intention of the Government's policy on overseas students is one of cultural protectionism. But perhaps one or two illustrations of the effect of this policy are in place. A Canadian student who got one of the flagship awards of the Social Science and Humanities Research Council of Canada wrote that he had dearly wanted to come to LSE, but that his award enabled him to spend a comfortable year at a Canadian university, just about a year in an American university, and between one-third to one-half of a year at LSE. He did not come. The anger of Malaysians goes much further. Could it be that one of

the reasons why the Malaysian Prime Minister has refused to attend the Commonwealth Prime Ministers' Conference in Melbourne was the attitude of the British government to students from overseas? The President of Ghana, Hilla Limann, a former student of the School, made the case for having, and helping overseas students during his official visit in May 1981. He also visited the School at that time. There certainly is a point in what a former student from Nigeria wrote a few months ago: "It is essential that the British government maintains a happy and humane approach to the deprived, the needy and the troubled, in its effort to balance economic growth and decent human needs." But there is no sign of the Government taking the point.

On the contrary. At the end of the academic year 1980-81, it appears that further measures will be taken to make life difficult for overseas students in Britain. One of them is that they will no longer be eligible for the National Health Service, but will have to pay instead. Such examples of the new parochialism are numerous. It is all the more important to say that LSE welcomes overseas students today as it has in the past. The School has always been a somewhat counter-cyclical institution — it will remain that in the future. We continue to believe that the international character of the School is not an optional extra, as it were, but essential for the study of the social sciences — to say nothing of the intrinsically international quality of academic research and teaching.

About the University of London

It is strictly speaking incorrect to say that we have received our grant from Government, or even the University Grants Committee. Our immediate paymaster is the University of London. Its Court distributes the UGC grant to the over 40 units which make up the University. The Court has, in my view, throughout been fair. It has considered special needs as well as general principles of justice. Indeed, despite its inclination to go it alone, the School has in the past had little reason to complain about the University of London which it joined in 1901.

However, in recent years, the nature of the University has changed. This is partly due to the fact that the new Statutes — fought for a long time by members of LSE — have now come into effect. A full-time Vice-Chancellor has been appointed, and the School would certainly want to join others in the University in wishing Professor Randolph Quirk a successful and rewarding term of office.

Partly, the change in the nature of the University is due to the deterioration in its financial situation. A number of institutions, notably in the medical field, have already reached the point at which they have to make staff redundant, and perhaps consider closure. Others, including some distinguished smaller colleges, wonder how they can meet their salary bill in the later parts of the next academic year.

Against this background, the University has found it necessary to set up a number of Committees to consider its future. In medicine, the Flowers Committee first, and then the LeQuesne Committee, have come up with answers which after extended discussion found the reluctant approval of University committees, including those of the Medical Faculty. It seemed to me throughout this discussion that the University should not impose unworkable solutions, but must stimulate proposals from those concerned. In particular, there was little apparent sense in the merger of widely dispersed institutions. The process which has now been set in motion promises success because it has the support of the majority of those responsible for medical institutions.

On the non-medical side, Sir Peter Swinnerton-Dyer, then Vice-Chancellor of Cambridge, was asked by Lord Annan as Vice-Chancellor of London to review institutions with the help of a Committee on which most major Colleges are represented. The Committee has so far produced two Discussion Documents, of which the first is essentially a presentation of the problem — and despite its forecasts of financial misery too optimistic a presentation, as has emerged after its publication. The total loss of grant by the University is quite likely to be 20 per cent, rather than

between 11 and 15 per cent, as Sir Peter assumed. The Second Discussion Document was a courageous, and thus controversial attempt to produce some rank order of institutions, and thereby inform the Court about priorities. LSE cannot complain — nor is it surprised — about being regarded as one of the institutions which must be protected; although of course it is necessary to look at the University as a whole and the ways in which its many important constituent parts can be preserved.

Partly in response to the institution-based recommendations of the Swinnerton-Dyer Committee, a new set of Committees has been set up more recently to look at subjects rather than Colleges. There is a Subject Area Review Committee in Social Studies, under the Chairmanship of Sir Alec Cairncross. This Committee will undoubtedly come up with useful material for the further consideration of the future of the threatened parts of the University; although it is not easy to see how subject-based recommendations will be translated into grant allocation decisions for Colleges. In any case, the University will certainly, like the University Grants Committee, wish to abstain from interfering in the details of academic planning in its constituent parts.

LSE is less affected by most of these developments than many other parts of the University. There is no intention of merging any other institution with the School, nor are we planning any major surgery within it. But LSE shares responsibility for the University of which it is a part. The position which we have taken in the past still seems apposite. The right way to go about solving our financial problems is, first, to clarify the issues. Part of this clarification must be to insist that no-one is penalized for success, and there have to be very special reasons indeed for asking the rest to bail out an institution in trouble. Once the situation is fully understood, various options can be explored. The role of the University in exploring them is above all catalytic. The University of London is in fact not a university; it has no students and no teachers; it is an administration set up by the constituent parts to serve them. The best service it can give is advice based on the overview which it has, and of course on the right of the Court to translate policy decisions into grant allocations. But the Colleges and Institutes of the University are run in responsible ways. They need little prompting to find new answers once they have become aware of their condition. If King's and Bedford College propose to merge, this seems precisely the kind of solution which should be supported. The University is at its best when it facilitates the co-operation of its parts. This is where LSE, and its members who are on University councils, or who serve as Deans and in other capacities, have their role.

The Social Sciences Under Pressure

One aspect of the recent cuts in public expenditure is that they have hit the social sciences particularly hard. In allocating its grant as well as the student number targets, the University Grants Committee has suggested that "Social Studies" should be cut disproportionately (although it has added that this might lead to an improvement in the staff-student ratio!). Already, the Social Science Research Council has suffered severe cuts both in funds available for postgraduate studentships and in research moneys. Institutions outside the UGC-SSRC system, like the Centre for Environmental Studies, have been closed, or severely reduced. There can be little doubt that such decisions reflect widespread doubts of the value of the social sciences, suspicions perhaps of their political role and effect, and a general sense of disillusionment with both social science research and social scientists. The time may have come to state against such sentiments a few simple, yet important points. First of all, the social sciences are of course a collection of very different, not to say disparate disciplines. I have grown accustomed to defining the social sciences by the subjects taught at the London School of Economics. These subjects include, however, the practical world of accounting as well as the stratosphere of mathematics, history which belongs to the humanities, and econometrics which has become very nearly a strict science, "hard"

social sciences like economics, and "soft" social sciences like sociology, analytical subjects like anthropology, and synthetic subjects like industrial relations or social administration, subjects which are very close to a profession like social work, and others which are far removed like social philosophy. (And no-one should draw any inferences from the fact that in this list geography and government, law and language studies, international relations and social psychology as well as precise names of certain other departments have not been mentioned.) Thus, the term, social science, covers a multitude of things.

It is worth mentioning that there are shifts in the relative popularity of certain subjects among students. For some time now, accounting and law have been in great demand, obviously because of the professional expectations associated with them. The quantitative syndrome of mathematics, computing, operational research, systems analysis, econometrics and mathematical economics has also been popular. Students apparently like the "hard" social sciences. Among postgraduates, international relations has continued to be almost overrun. There is a large demand for courses and degrees in government among all groups of students. However, the School has not responded to fashion as one might expect from these statements. A School of the social sciences must maintain a balance of subjects even if not all of them are in equal demand at any one time.

But the main point to make here is that despite their disparateness, the subjects which make up the social sciences have a common concern with man and the human environment which he creates. The dimensions of this environment are as varied as the departments of the School. There is no one methodology to deal with all of them. But together they make up what we know about the human condition in society. Who can doubt that this is an important objective?

A second point has to do with application. Many nowadays argue for scholarship in terms of its usefulness. Certainly, the social sciences are useful. Not only do we train accountants and lawyers, social workers, and personnel managers, and many others whose occupations are well-defined, but the research conducted in most departments has applications to issues which concern all of us in our everyday lives. It has become a familiar party joke to refer to the inability of economists to put the economy right. (There is also, every year, the odd letter to a newspaper which mocks the School for its financial problems and points out that we are after all a School of Economics: "Physician, heal thyself!" — which we have done, though perhaps not because many of us are economists.) But the plain fact is that the knowledge of economic interrelations has led to a better understanding of government policies and business decisions. Similarly, one cannot deal sensibly with issues of race, or of urban deprivation, or of local government finance, or of a whole long list of other things, without the benefit of knowledge which is made available by social scientists. Indeed, if a government tries to do without such knowledge, it soon comes to regret it.

Yet this is not the point to be made here. This is, rather, that there is much to find out about man and society. There is much that can be known but is not (yet) known, whether such knowledge has immediate application or not. We have unfortunately come to think of the natural sciences in terms of spaceships and nuclear weapons, when in fact they have assembled a vast array of knowledge which cannot readily be translated into technology. Science or not, in the social field, the same is true. Wanting to know the causes of things is a noble human endeavour, and a civilized society will find the funds to keep this endeavour going. Our law students are told as they come to us that they are not here to find out all about the practical needs of the profession, they are here to begin to understand the law and what it is about. The same is true in other subjects. This too, one hopes, is a civilizing influence. Whoever judges academic institutions purely in terms of their utility, will not only destroy them, or at any rate make them worse, but will by the same token damage one of the crucial elements of liberty in society.

This leads to a third point. It is said that an institution of the social sciences is too

political, undesirably political for some. This is a big and complicated subject. So far as the LSE is concerned, one cannot remind its friends, and those who are sceptical about it, too often that its founders wanted it to be a place of scholarship and inquiry. While they themselves had strong convictions, they were sure that these convictions must not impinge on the teaching and research that is done at the School. They have created a place in which scholars and teachers of many persuasions have found a place, but in which all of them are committed to the rules of scholarship, that is, of unfettered inquiry, unbiassed teaching, and above all, doubt and self-doubt. A university is not the place for undisputed certainties, and the London School of Economics is a university institution.

Yet it is undoubtedly true that a School of the social sciences attracts many who are more critical of the world around them than a School of the pure sciences. In a sense, this is in the nature of the social sciences themselves. If you begin to ask questions about the assumptions of social life — assumptions which for most have become so much a matter of course that no questions are ever asked about them —, then you detach yourself from the reality which envelopes most people. Such detachment is often the beginning of a more questioning attitude than non-social scientists have as a rule. Now, questioning social reality does not mean opposing it. Some may return to an acceptance of institutions which is then more sophisticated than unreflecting acceptance; others may end up with a stance of fundamental criticism and the desire to create new worlds: there is nothing in the social sciences themselves which turns people either to conservative or to reformist postures. But there is something in them which helps overcome a naive and unquestioning attitude. They are a vehicle for a critical appreciation of reality. This makes the social sciences uncomfortable for some; but it also makes them necessary for all. Our world would be much the poorer if the number of students in social sciences was sharply reduced, if research in these disciplines was curtailed, if the advances of the social sciences were repressed or forgotten in favour of a return of more naive and unreflecting attitudes.

What does all this add up to? The answer is not simple. It would be dishonest to infer from this argument that every single activity in the social sciences deserves continued support. Indeed, it is not at all easy to tell how much social science is appropriate, just as it is not easy to tell how much science we need. One can say, perhaps, that cuts tend to fall in the wrong places, and worse, that cuts aimed at particular areas are a form of censorship, an instrument of illiberty. But this is not to say that the social sciences should be exempted from the necessities which every government of whatever colour will encounter in the years to come. It is to say, however, that there is no case whatsoever for a disproportionate reduction in social science expenditure, or rather, that it would be philistine to do so. The social sciences have a long way to go; what is more, as they go this way they will annoy many who believe that untutored minds are a safer compass; but unless the social sciences have the chance to go forward, and unless a large number of people have encountered them at some stage, our society is not likely to remain a civilized and free society.

Some Academic Developments

It is perhaps appropriate after the report of the grim facts of life, and the song of praise about the social sciences, to list some of the School's academic developments which show that we are not merely reacting to financial stringency, and are in fact pursuing the course sketched here. The list will be laconic, and incomplete; it should be taken as an indication of progress.

So far as the teaching departments of the School are concerned, important developments have taken place, or are taking place, in areas which the University of London has recognized as worthy of a special "academic initiatives grant". The Department of Industrial Relations is now well established with 2 professors and 8 other teachers,

including the privately financed Nancy Seear Fellow in Personnel Management. Population Studies are expanding, for the moment within the Department of Mathematical and Statistical Sciences; soon, there will be a second senior appointment. The subject is rapidly finding a firm place in the School. In Business History, the existing (privately financed) Unit has continued its important research. The School is now in the process of creating a chair in the subject, which will find its place in the Department of Economic History.

Other academic initiatives were taken without special grant. The M.Sc. in Sea Use Law, Economics and Policy Making is a good example of an academic response to practical needs. It owes its existence to the initiative of Professor D. Watt and has quickly become a successful degree.

The International Centre for Economics and Related Disciplines (ICERD) has continued as the most important general research centre at the School. Its founder, Professor Morishima, has relinquished the chairmanship of ICERD at least for a period, and Professor Atkinson has taken over. Research financed by the Centre ranges widely; but it is particularly important to mention that ICERD also finances seminars which attract outside participants. In addition, the Centre has inaugurated the Suntory-Toyota Lecture series which has met with a strong and positive response. The Japanese donors who have made the setting-up of ICERD possible, should know that their donation has made a real difference to the School as well as to the availability of research and teaching of international relevance.

One of the seven SSRC designated research centres has come to be located at LSE. It is the Centre for Labour Economics which has engaged in intensive activity. Its publication list alone includes, at the end of the Session 1980-81, 19 discussion papers and 11 papers which have appeared in various journals.

New major research projects were established, on employment and unemployment in the Centre for Labour Economics with the help of the SSRC, on housing policy, with support from the Nuffield Foundation, and on people and place in the inner city (Resource Options) under Dr. Sandra Wallman.

A new course for Mexican administrators was mounted in the Lent and Summer Term by Mr. Peter Dawson and other members of the staff; Professor Raymond Chapman organised a preliminary course in English for overseas students; the Economics Department introduced new training arrangements for research students embarking on the Ph.D. degree.

There were several changes in the day-to-day academic management of the School: the Academic Policy Committee became at last a committee of the Academic Board; Professor M. J. Wise retired after long and distinguished service as Chairman of the Graduate School Committee and will be succeeded by Professor Matthew Anderson; the School decided to put its student records on the University computerised College Registry Service.

Events of the Session

On Tuesday, 19 May 1981, the traditional Honorary Fellows' Dinner was held. On that occasion, nine new Honorary Fellows were created: Sir Alexander Cairncross, Professor Ronald Dore, Mrs. Zena Harman, Lady Hicks, Professor George Jaszi, Dr. Kim Sang Man, Professor W. H. Morris-Jones, Professor Alan T. Peacock and Professor Leonard B. Schapiro.

Several members of the School's staff retired at the end of the Session. Among them is Professor James Joll who has served the School with distinction as Stevenson Professor of International History since 1967. Miss Olive Coleman who was a Lecturer in Economic History, actually began her School career as a member of the Library staff in 1950. Mrs. Maria Nowicki was known to many members of the school as the Acquisitions Officer of the Library; she first came to LSE in 1956. Former students in

particular will long remember Miss Eve Myatt-Price, Deputy Registrar, who joined the School in 1947; indeed, we have now asked her to help us look after retired members of the School staff. Dr. H. Palmer Clark had been the Physician in the Student Health Service for nine years; he has now retired. So far as length of service with the School is concerned, no-one this year — and few in later years — will beat Mrs. Eunice Wilson who was Chief Technician (Cartography) in the Geography Department, and whose association with the School dates back to 1934.

There have been major changes in an area of the School's activity which is universally recognized to be of crucial importance for all, that of the porters. One reason for the changes was the retirement of no fewer than four foremen porters or senior porters, all of whom were well liked and are now missed: Mr. Ted Webber, Foreman Porter since 1969 and a member of the School since 1947; Mr. Phil Vardon, also a Foreman Porter who had been with us since 1965; Mr. Les Piper and Mr. Joe Sullivan, both Senior Porters, who joined the School in 1966 and 1973 respectively. The resulting reorganization had unfortunately to be accompanied by a slight reduction in portering services. It is all the more important that our porters realize that they not only occupy a central and important position, but that their jobs, like those of all others, are safe.

Several distinguished members of the School died during the last Session. They include four of our Honorary Fellows, Lord Wall, Lady Jackson (Barbara Ward), Dame Eileen Younghusband, Mr. Gilbert Ponsoby. A Memorial Service was held for Dame Eileen Younghusband at St. Martin-in-the-Fields, and a Fund will be set up in her memory.

There still are, and will continue to be, new appointments. During the last Session, 11 new Lecturers (including 2 half-time) were appointed, most of whom took up their posts in October 1981. In addition, no fewer than four new Professors were appointed. Professor Bryan V. Carsberg has rejoined us as the first incumbent of what is now the Arthur Andersen Chair of Accounting, for which we have got generous support from our friends at Arthur Andersen & Co. In Economics, Professors William Buitter and Oliver D'Arcy Hart will join us during the next Session. Professor Rosalyn Higgins has now taken up the Chair in International Law to which she was appointed last year. The title of Professor of English Studies has been conferred on Dr. Raymond Chapman, that of Professor of Economics on Mr. P. Richard Layard, and of Professor of International History on Dr. Ian H. Nish.

RALF DAHRENDORF
October 1981

Academic Awards

Scholarships and Studentships Awarded in 1981

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Delia Ashworth Scholarship
Joseph Tafireniyka Jabangwe

Christie Exhibition
Bridget Lillian May Penhale

UNDERGRADUATE AWARDS

Institute of Chartered Secretaries and Administrators' Scholarship
Manoj Juneja

Harold Laski Scholarship
Maurice Fraser

C. S. Mactaggart Scholarships
Martin William Cripps
Markos Evagoras Drakos
Nigel John Knight
Hadyr Colin Shaughnessy
John Nigel Waites

Undergraduate Scholarships
Moirra Fraser Bovill
Colin Mills
Mary Eleanor Percival

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

School Scholarship in International Law
Rosemarie Williams

GRADUATE AWARDS

Montague Burton Studentship in International Relations
Richard Terence O'Fee

Graduate Studentships
John Steven Ambler
Peter Gose
Peter Maitland Milne

THE LSE 1980s FUND

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

The Third World Foundation Undergraduate Scholarship
Annie Ngar Nay Yung

Third World Foundation Research Award
Frederick Naamani

ICERD Grant II
Agathangelos Christodoulides
George Takis Christodoulides
Pami Gugnani
Vassilis Argyrou Hajivassilou
Seyed Hossein Samiei
Aristos Stylianou
Ie Thay Tan
Siew Hong Teoh

Ciba-Geigy Scholarships
Thomas Andreas Gottin
Markus Michael Haefliger

Rank Xerox Studentships
Toby James Hartwell
David Anthony Lapish
Krzysztof Czeslaw Matyszczyk

Lauchlin Currie Studentship
Eduardo Antonio Lora Torres

Noel Buxton Awards
Austin Mutandwa Chakaodza
Frederick Edgar Kaleega Karugonjo
Edward Mutema

William J. Baumol Studentship
Richard Edward Baldwin

Sir Arthur Lewis Studentship
Clare Tully Monahan

Daniel Patrick Moynihan Studentship
Siew Hong Teoh

Harry G. Johnson Studentship
Kevin Dale Swanson

Abba P. Lerner Studentship
Rosamund Saltonstall Lee

Edward Shils Studentship
John Patrick Hogan

Barclay Studentship
Felipe Sanchez

American Friends of LSE Awards
Karen Ann Caffee
Wesley Cass Hough
Ilsa Amelia Schumacher
Holli Annette Semetko
Kathleen Mary-Ann Stephansen

(b) Awarded by the University

University Postgraduate Studentships
Young Young Chan
Nilesh Chandra Dattani
Gabor Nyerges

Sir Edward Stern Scholarship
Young Young Chan
Sushil Baldev Wadhvani
Mohan Kohli

Gerstenberg Studentship
Seyed Hossein Samiei

Loch Exhibitions
Patricia Anne McCartney
Mary Louise Miller

Metcalfe Studentship
Luisa Franzini

Metcalfe Scholarship
Lynda Sharon Rosen } Joint
Deborah Tyler } Award

(c) Other Studentships

Eileen Power Memorial Studentship
Fern Hamlin

Kennedy Scholarship
Ali Michael Mansoor

Prizes Awarded in 1981

(a) Awarded by the School

Arthur Andersen Prizes
Mak Swee Wah
Nora Marie Gorman } Joint
Keith Edward Smith } Award

Bassett Memorial Prizes
(i) Government
Nicholas Mark Kaufmann } Joint
Simon James Osborne } Award

(ii) Trade Union Studies
John Henry Bleach

Janet Beveridge Awards
Joseph Shenjere Mutizwa
William Ian Ridley Johnston

Deloitte Haskins + Sells Prizes
Nigel John Knight
Chua Teck Chye } Joint
Trevor Leslie Webster } Award

Ely Devons Prizes
Ian Donald Kelson
Torben Magnus Anderson } Joint
David Gilchrist Barr } Award
Vassilis Argyrou Hajivassilou

William Farr Prize
Robert John Duncan

Morris Finer Memorial Prize in Law
Laurence Brendan Slattery

Firth Award
Christina Toren

Gladstone Memorial Prize
Christopher Nigel George Mortimer

Maurice Freedman Prize
Michael Sinclair Stewart

Gonner Prize
Kevin Leslie Gardiner

Gourgey Essay Prize
Adrian Michael James Weir

Hobhouse Memorial Prize
Peter James Bingle

Jesse Mair Cup for Music
Christopher Michael Barrat

School Prize for Mathematicians
Ravinoran Muthiah } Joint
Samir Somchand } Award
Panamchand Shah

Mostyn Lloyd Prize
Graham Lindsay Park

George and Hilda Ormsby Prizes
Undergraduate (two prizes)
(1) Louis-Antoine Hall
(2) Clive Arne Brown

Hughes Parry Prize
Mehul Kunjibhari Trivedi

Peats Prizes
Andrew Mark Levene
Henry Hon Leung Tai

Raynes Undergraduate Prize
Robert John Duncan

Allyn Young Prize
Check Kian Low

(b) Awarded by Outside Bodies

Maxwell Law Prize
Mary Eleanor Percival

First Degrees Awarded 1981

B.Sc. (Economics) Final Examination

Honours

FIRST CLASS

Quazi Mohammad Shariful Ala
Derek Gregory Batcheller
Chan Kam Fai
Chua Teck Chye
Robert John Duncan
Calliope Christina Samoulla
Farsides
David John Gallie
Kevin Leslie Gardiner
Ian Clifford Greatrex
Philip Anthony Hepburn
Manoj Juneja
Nicolaos Katsoulis
Nigel John Knight
Sunil Rupchand Mahtani
Robin Andrew Naylor
Ian Peter Redstone
Haydn Colin Shaughnessy
John Nigel Waites
Wong Kong Chi

SECOND CLASS

(Upper Division)

Ausaf Akhtar Abbas
Christopher Andrew Abell
Helen Louise Ackers
Khaleel Ahmed
Teresa Elizabeth Allen
Robert Jeffrey Charles Ames
Thomas Neill Angier
Deborah Annells
Cameron Davar Ansari
Hilary Rose Ayling
Peter Hugo Elisabeth Jan Baert
Azita Bafekr
Stephen Barnes
Timothy Andrew Barnett
Stephen Robert Barwick
Ahmad Bin Syed Buhari Basheer

Jennifer Elaine Bean
David Charles Bezem
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 *Paul Jeffrey Starobin
 Minas Stavarakakis
 Christopher John Stephens
 Sarah Allen Stevens
 Philip James Stogdon
 Penelope Jane Stowe
 Aristos Anastassiou Stylianou
 Gary Jon Summers
 Mujab Bin Sungib
 Atmanand Sunnassee
 Kevin Dale Swanson
 Susan Symes
 Amy Judith Tananbaum
 Nana Tanko

Siew Hong Teoh
 Brian Paul Thomson
 Jon Thorn
 Fernando Pablo Tietzsch
 Christopher Tofallis
 Mun Heng Toh
 Alain Trepanier
 Joseph Vincent Tripodi
 Christos Tsindides
 *Caroline Elisabeth Turk
 John Brian Turner
 Sophia Anna Maria Typaldos-Loverdos
 Colin Underwood
 Marta Luz Urrutia
 Feico Dirk Van-Asbeck
 Antonio Carlos Custodia de Morais
 Varela
 Antony Andreas Vass
 Rangasamy Veeramah
 James Iorwuese Viashima
 Vincent Viban Ngo
 Rakesh Vinay Vohra
 Dimitris Vranopoulos
 Mahboobe Rabbani Wahhab
 Penelope Jane Wakefield
 Mohammed Yahya Wali-Ullah
 Helen Ruth Walker
 William Robert Walton
 Martin Robert Ward
 Anne Camilla Watson
 William Griffith Way
 Robert Thomas Wearing
 Jill Webster
 Edgar Weissenberger
 Susan Lorraine West
 David White
 Geoffrey Arnold Whittam
 Andrew Whittock
 Ann Wickham
 Christopher Mark Davies Wilkie
 Thomas Robert Wilkinson
 Christopher James Williams
 Virginia Ann Williams
 June Kathleen Wilson
 Samuel Whitney Wilson
 Robert Ian Wingfield
 Jay Bruce Winik
 Gabriele Eva Maria Winter
 Kam Chuen Wong
 Amanda Jane Wollam
 Wong Mei Kwong
 Stephen Henry Wood
 David John Worlock

*Mark of Distinction awarded

Jan Wozniak
 Nien-Dzu Yang
 Yeap Lam Hong
 Athina Yiannakou
 Yip Sau Leung
 Chang Kit Yong
 Ignacio Maria Zabala Zabala
 Rual Zakhuma

M.A. 1980-81

John Philip Badley
 Neil Forbes
 Julian Nicholas Hendy
 Gillian Ruth Hunwicks
 Joanna Koenigsberg
 Alison Ninette Lunzer
 Charles Alexander Moore
 Charles Henry Parker
 Andre William Shortell
 Mehmet Shoukru
 Linda Ruth Weinberg

LL.M. 1980-81

Solomon Ochaye Agutu
 Aliyu Ibrahim Ahmed
 Oluwatoyin Mary-Anne Akerele
 Bankole Olumide Oluwole Aluko
 Marco Antonio Angeli Luciani
 Anthony Hotchkiss Anikeeff
 Linda Mary Avery
 Jennifer Elizabeth Babe
 Stanley Baker
 Philip Christopher Begho
 Yvonne Bennett
 Monika Birkner
 Brenda Jean Bowlby
 Brent Budowsky
 Andrew Anton Bury
 Sean Christopher Butler
 Alan Henry Catchpole
 David James Chalk
 Kiran Chandra
 Wang-Ngai Cheung
 *Penelope Ann Childs
 Sharon Louise Christopher
 Sage Crentsil
 Solomon Cua
 Adrian John Culey
 Charalambos Dimitriou
 Gifty Edila
 Antonios Demetriou Demetriades

Olubunmi Ayobami Fagbemi
 Natalie Anne Farrell
 Rui Manuel Fernandes
 David Joseph Fier
 *Vanessa Marjorie Isabella Finch
 Nicholas Hugo Martin Fletcher
 Dominic Brendan Flynn
 Olive Vivienne Alake Francis
 Martin Clive Goldblatt
 Mistrale Goudreau
 Donald John Graham
 Fisseha Habte-Mariam
 John James Harris
 Douglas Charles Hodgson
 Mark Edward Hughes
 Norma-May Isakow
 Nils Bo Jensen
 Rob Roy Jerrard
 Babatunde Olabode Johnson
 Angela Jane Jones
 Dionyssios Kalamvrezos
 Maria Karanassou-Apostolopoulou
 Frederick Edgar Kaleega Karugonjo
 Attia Karam Attia Kassem
 Kale Edward Kayihura
 Koh Hai Keong
 Sylvie Lachance
 Andrew Steven Ladley
 John Philip Laidlow
 Timothy Peter Taylor Lane
 Fay Kwai Chun Lau
 Alain Lemieux
 Mark Lewis
 Thomas Loesch
 Richard Martin Lorenzen
 Betty Ezinna Maduka
 Epaminondas Marias
 Linda Margaret Mathison
 Ahmed Azhar Mazhar
 Simon George Moulton
 Edna Musoke
 Ian Michael Newbrun
 Theodora Loli Nicolaidis
 Oluyemi Oluleke Osinbajo
 Michalakis Ioannou Papamichael
 Steffanie Dale Jones Parker
 David Glen Pierce
 Barbara Anne Pierrot
 Asif Hasan Qureshi
 Ahsan Zahir Rizvi
 Gonzalo Sanin Posada
 Alka Narendra Shah

*Mark of Distinction awarded

Mark Robertson Sherman
 Pheroze Sorabjee
 Christos Stefanos
 Marianne Cecelia Sussex
 William Douglas Thompson
 Arnold Vahrenwald
 Mark Steven Vidergauz
 Claude Jean Witry
 *Eileen Wooller
 Catherine Man Ying Yeung
 David Duncan Young
 Gene Gregory Zazelenchuk
 Leesha Paul Zed

M.Phil. 1980-81

Janusz Bugajski
 Edward Arthur Carson
 Geoffrey Denis Credland
 Charles France Fraser
 Shaheen Shamin Khan
 Jock Seng Lim
 Jayshree Sengupta
 William Stanley Sheppard

Ph.D. 1980-81

Geoffrey Maurice Ahern
 George Spyridonos Alogoskoufis
 Hala Ahmed Al-Umran
 Omar Hugh Bayoumi
 Borna Bebek
 John Clement Bird
 Gillian Elizabeth Borrie
 Gary Keith Browning
 Martin Ivan Alan Bulmer
 Brian Carolin
 Srikanta Chatterjee
 Alexander Francis Cowan
 William Edward Herbert Culling
 Stuart William Davies
 Diva Dinovitzer Basis
 Maria Josephine Clare Dowling
 Andrew Zbigniew Drzemczewski
 Srikant Kumar Dutt
 Hali Jean Edison
 Moshe Efrat
 Auishai Zui Ehrlich
 Dimitris Emmanuel
 Triantaphylia Leontidou Emmanuel
 Oded Eran
 Sergio Luiz De Castillo Fernandes
 Andrew Francis Freris

*Mark of Distinction awarded

Eva Hartmann
 Marianne Heiberg
 Colin Howson
 Jon Blondel Johnson
 Mario Alexis Kakabadse
 Susan King
 Robert Sutherland Litwak
 Maleeha Lodhi
 Martin James Loney
 Edward Henry Lurkings
 Yasuhiro Maehara
 Richard Dobson Margrave
 Russell Niall Dickson Martin
 Kyoung-Hwie Mihn
 Patrick Timothy Murray
 Joseph Nissim
 Sara Elizabeth Mary O'Brien
 Emmanuel Petoussis
 Raia Prokhovnik
 Georgina Elizabeth Angela Raspin
 John Martin Ravallion
 Stephen Ellwood Satchell
 Anthony Saunders
 Fabio Schiantarelli
 Daniel Jonathan Seidman
 Roger Victor Seifert
 Michael Alfred Smith
 Antonio Claudio Sochaczewski
 Pamela Storey
 Mark Lawrence Stout
 Mahdad Taghavi-Khonsary
 Israel Olufemi Taiwo
 Susan Patricia Tank
 Dorothy Muriel Tarry
 Yuen-Nui Pauline Thomas
 Tse Yiu Kuen
 Steve Velychenko
 Paul Wani Gore
 Lorna Mary Weatherill
 Paul Webley
 Christopher Jude Whelan
 Rashna Minoo Writer

Diploma (Awarded by the University of London) 1981

Diploma in International Law

Michele Dawn Ross

Diplomas (Awarded by the School) 1981

Diploma in Accounting and Finance

Akindeji Olakunle Akintola
 ††Ahmed Hassan Abdi Arwo
 ††Ana Ysolina Chavez-Soto
 Rita Cortas
 Maria Ekkeshi
 *Mohammad Fazal Haq
 Jesus Enrique Idler Cabrera
 Gamaliel Zakaria Nyombe Kanyala
 ††Reinaldo Francisco Liendo Blanco
 ††Leopoldo Javier Lomeli Eguia
 ††Eliana Moukhtari
 Loukia Moukhtari
 Carlos Esteban Pino Lares
 Maria Silvia Pinto Pieretti
 *Gopal Sinh
 *Alistair James Graham Stevenson
 ††Bulent Taser
 Cynthia Varela Villegas
 ††James Wong Tsun-Hyun

Diploma in Business Studies

Samuel Leslie Adetola
 Chaffai Amrani
 ††Mark Leverett Bussey
 Goffredo Caverni
 Angela Yan Ling Cheng
 John Torrance Galbraith
 †Toby James Hartwell
 Sotirios Ioannou
 †Zelda Omavuaye Irikefe
 Valerie Chiyo Jaffee
 Niels Klausen
 Panagiotis Koutsouveris
 †David Anthony Lapish
 *Krzysztof Czeslaw Matyszczyk
 †Doris Helga Morgenstern
 Adriana Irene Pineda-Pinto
 †Francis Stephen Rigby
 †Ramaraj Saravanamuttu
 ††Carlos Federico Schuster Chayla

*Mark of Distinction awarded

†Mark of Merit awarded

††Mark of Credit awarded

Zulobia Amirali Shariff
 ††Melvyn Gordon Malcolm Sims
 Charles James Walker

Diploma in Economics

††Dominique Esther Ades
 †Adnan Buyukdeniz
 ††Raul Delgado Sosa
 Susan Lynn Dolman
 ††Michael Anshel Dower
 †Albert Ayers Forrester
 †Christos Gavriloglou
 Achilleas Georgiou
 William James Ingham
 ††Daniel James Laughlin
 Usman Musa Malgwi
 ††Robert Louis Megna
 †Ramiro-Fernando Mirapeix Lucas
 †Katherine Cleve Newman
 ††Rajni Bonnie Ohri
 ††David Ferguson Phillips
 Mong Chih Sheng
 David Allen Tanner
 Chuong Si Tran
 Victor Marcos Soriano Venida
 †Jamie Wakonigg Figueras
 ††Graham Strickland Wyatt
 Maria Apareciada Zuppardo

Diploma in Econometrics

†Jean Marie Paul Almeras
 ††Rudi Bertels
 Salvador Curcoll Gallemi

Diploma in International and Comparative Politics

Albert Kingsley Abban
 Maysoun Bataineh
 Bruce Cameron Catania
 Patricia Marie Dillon
 Bassey William Etuk
 Vincent Christopher Gogolek
 Hector Hernandez Garcia De Leon
 Benny Emeka Igwebe
 Robert Andrew Morrissey
 Oya Fatma Pak
 Nada Rizk
 Lynn Meg Strongin
 Karl Rudolf Otto Szasz

Diploma in Management Sciences

Olakeye Seye Ajayi
Nnamdi Maduako Oguchukwu
Akwiwu
Chin Chan Fatt
Carmen Rebeca Rodriguez Dominguez
Siew Phaik Saw
Shahram Shahnazi
††Maria Teresa Alejos Suarez
Panaw Thongsri

Diploma in Operational Research

Vani Kohli
Georgios Athanassios Kourtis
Mir Majid Mojabi
Romel Moradkhan
††Dimitris Panagiotou

Diploma in Personnel Management

Timothy John Baggott
Maureen Joyce Brook
Chow Hing-Ming
Stella Mary Cooke
Charles Roderick Eames
Suzette Marie Edmead
Ann Hagar Elliott
Susan Elizabeth Gell
Judy Ann Nasaali Kamanyi
Roderick Kentish
Sajedeh Saji Khaleeli
Robert Kirkham
Jill Caroline Luxton
**Kay McDonald
**Emmanuel Benedict Ebelechukwu
Nwankpa
Isioma Esinwanedima Nwabuogo
Ogodasi
Musa Aitagbomu Ojeme
Beke Okiy
Jacqueline Perl
Christine Ruth Slade

*Mark of Distinction awarded

**Mark of Distinction awarded on Viva

†Mark of Merit awarded

††Mark of Credit awarded

Frances Jane Tatum
Madeline Watson
Helen Winning

Diploma in Social Planning in Developing Countries

Ibrahim Odeh Nassar Abu Helil
Marie-Josee Fuchs-Waller
Frederick John Momodu Kamara
Chupinit Kesmanee
Chi Wing Ng
Rhotinah Nkomo
Yahya Imam Sari
Georgina Sibanda
Aggrey John Simela
Ekaette Pius Usoro

Diploma in Social Science and Administration

Pietro Guiseppe Battista
Thirza Lucy Bloice
Davis Paul Christopher
Jennifer Elaine Clarke
Joyce Margaret Dargie
Alison Jane Fitchett
Susan Carol Gildea
Gordon Hildreth
Amanda James
Michael Anthony McCall
Patricia Anne McCartney
Robert Victor Frank McIlvenny
Graham Lindsay Park
James Rea
Peter John Scourfield
Jeannette Irene Simpson
Marilyn Anne Thomson

Diploma in Social Psychology

Antonitsa Papastylianou
†Bayjool Thakker

Diploma in Statistics

Winnie Ignatia Adams
Eleni Joannou Christophidou
George Alexander Eleftheriades
Marina Fornasari
Jorge Garcia Castro
*Marios Besweri Obwona

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 £40,000 and £70,000 in any one year. The Fund is disbursed by a School Committee of the same name to the School's Departments which are grouped together for the purpose into seven "Research Divisions". The secretaries of these Divisions are Dr. M. J. Desai (Economics), Dr. C. T. Husbands (Social), Dr. J. D. McKnight (Geography/Anthropology), Dr. H. Machin (Government), Dr. A. B. Polonsky (International Studies), Ms. J. Temkin (Legal) and Mr. A. C. Harvey (Statistics).
- (b) This 'floor' of research support which the University Grants Committee expects the School to provide is supplemented by support from outside sources for some 50 major research projects in the School. This support comes to a large extent from the Research Councils, notably the Social Science Research Council, as well as from Government Departments, and foundations such as Nuffield and Leverhulme. Support from 'outside' sources for research at LSE amounts to over £1,000,000 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 a central concern of the Centre but new interests which have developed over recent years include 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 interdisciplinary 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. 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 1981-2 the following Fellows were appointed: Professor Michael Crowder, Mrs. Kirstin Lundby (Nansen Foundation, Norway), Dr. Karen Dawisha (Rockefeller International Relations Fellow), Professor Chihiro Hosoya (Hitosubashi University, Tokyo, Japan), Dr. Brian McKercher (University of Alberta, Canada) and Dr. Paul Warwick (Simon Fraser University, Canada).

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

current year has been: I.H. Nish (edited), *Anglo-Japanese Alienation, 1919-1952*. These were the papers of an Anglo-Japanese conference on the history of the second world war which was held in London in 1979, for which the Centre arranged a public meeting and reception.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor I. H. Nish, consisting of Professor A. C. L. Day, Professor G. L. Goodwin, Professor G. Ionescu, Professor J. B. Joll, Mr. L. Labeledz (Editor, *Survey*), Dr. M. Leifer, Dr. P. H. Lyon, Dr. H. Machin, Mr. J. B. L. Mayall, Professor F. S. Northedge, Dr. A. B. Polonsky, Mr. P. Reddaway, Professor L. B. Schapiro, Dr. A. Sked, Dr. G. R. Smith, Mr. G. H. Stern, Mr. M. D. Steuer, Professor S. Strange, Mr. P. G. Taylor, Professor D. C. Watt, Dr. J. F. Weiss, Professor P. J. de la F. Wiles, Mr. P. Windsor.

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

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

The financial management of the Unit is in the hands of a Steering Committee on which the School, Imperial College and business are represented. Its members are: Professor R. G. Dahrendorf (Chairman), Professor T. C. Barker (LSE), Sir Donald Barron (Midland Bank), Rt. Hon. E. Dell (Guinness Peat Group), Professor A. G. Dickens (British Academy), Sir Arthur Knight, Mr. R. Leigh-Pemberton (Chairman, National Westminster Bank Limited), Sir Peter Parker (Chairman, British Rail), Sir Antony Part (Vice-Chairman of the Court of Governors, LSE), Sir Alastair Pilkington (Pilkington Bros. Ltd.), Professor L. S. Pressnell (University of Kent), Professor Z. A. Silberston (Imperial College).

Academic guidance and support is provided by an Academic Management Committee consisting of; Professor T. C. Barker (LSE), Professor S. G. Checkland (Glasgow), Professor D. C. Coleman (Cambridge), Professor H. C. Edey (LSE), Professor Sir Douglas Hague (Oxford Management Centre), Professor A. R. Hall (Imperial College), Dr. L. Hannah, Professor D. G. MacRae (LSE), Professor P. Mathias (Oxford), Professor L. S. Pressnell (Kent), Dr. W. J. Reader, Professor B. C. Roberts (LSE), Professor Z. A. Silberston (Imperial College), Professor Charles Wilson (Cambridge), Professor B. S. Yamey (LSE).

International Centre for Economics and Related Disciplines

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

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

history of Japan, the personnel policies of Japanese companies, monetary aspects of the British economy, Soviet military aid, the econometrics of panel data, and unemployment among school-leavers. The Centre circulates several series of discussion papers and other publications.

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

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

The Centre gives three scholarships for research degree students. These are called the Suntory-Toyota Studentships. The Centre also at present contributes a substantial amount of money to the Scholarships and Prizes Committee to allocate in the form of scholarships and bursaries.

The work of the Centre is directed by a Steering Committee consisting of: The Director, the Pro-Director, the Convener of the Economics Department, the Chairman of the School's Research Committee and Professor A. B. Atkinson, Professor T. C. Barker, Professor K. Binmore, Professor C. Grunfeld, Dr. L. Hannah, Professor D. F. Hendry, Dr. M. Leifer, Professor M. Morishima, Dr. T. J. Nossiter, Professor I. H. Nish, Professor D. E. G. Plowman, Professor J. D. Sargan, Professor K. E. Thurley, Professor M. J. Wise and Professor B. S. Yamey.

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

Greater London Group

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

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

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

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

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

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

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

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

The Group has subsequently completed two major research projects. One is an examination of London's labour market with particular reference to the problems of recruitment and retention of staff by large employers in both the public and private sectors of industry. The second project is a comparative study of the political process in four London boroughs. Entitled 'Politics and Democracy in Four Selected London

Boroughs', it sought to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined. The Group is preparing a new book to coincide with the 20th anniversary of Greater London as a Local Government.

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

PUBLICATIONS

Greater London Papers

1. *Education in Greater London*,* A. V. Judges. 2. *Theories of Local Government*,* W. J. M. Mackenzie. 3. *The Greater London Boroughs*,* W. A. Robson. 4. *Housing in Greater London*,* J. B. Cullingworth. 5. *Health, Welfare and Democracy in Greater London*,* D. V. Donnison. 6. *Transport in Greater London*,* E. Davies. 7. *Town Planning in Greater London*,* P. J. O. Self. 8. *A Metropolis Votes*, L. J. Sharpe. 9. *The Heart of Greater London*, W. A. Robson. 10. *Research in Local Government*, L. J. Sharpe. 11. *Policies and Politics in Secondary Education*, D. Peschek and J. Brand. 12. *Town Government in South-East England*, G. Rhodes. 13. *Some Characteristics of Motorists in Central London*, J. M. Thomson. 14. *Metropolitan Planning*, P. J. O. Self. 15. *Labour Supply and Employment Duration in London Transport*, John W. Smith.

*Public lectures delivered under the auspices of the Group.

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

Centre for Labour Economics

The Centre for Labour Economics is a part of the Department of Economics. It is one of five S.S.R.C. Designated Research Centres in the social sciences, to which the Social Science Research Council has committed long-term finance. The Centre's major current research is on unemployment, asking why the level of unemployment has been so high, and what can be done about it. The work involves studies of labour demand and supply, as well as of the unemployed themselves. Work is also being done on the relation between inflation and the level of unemployment, and the relation between employment and fiscal and monetary policy.

There is a fortnightly seminar on unemployment attended by civil servants and academics and a major conference on unemployment was held in Cambridge in July 1981. Another conference on the idea of a wage-inflation tax was held in January 1982. Other research projects are concerned with wage structure and incentives (especially as they affect the work behaviour of married women). Apart from the S.S.R.C., this work is also supported by the Department of Employment, the Leverhulme Trust Fund and the Esmee Fairbairn Charitable Trust.

The research is being undertaken by Professor W. Buitter, Dr. M. Desai, Mr. R. Jackman, Professor R. Layard (Head of the Centre), Mr. A. Marin, Professor D. Metcalf, Professor S. Nickell, Mr. D. Piachaud, Dr. C. Pissarides, Dr. G. Psacharopoulos and Dr. A. Zabalza (all part-time), in collaboration with four full-time research officers and numerous part-time research assistants (often graduate students). In addition J. Stern of the Department of Health and Social Security is spending two years in the Centre as a Visiting Research Associate, analysing the Department's cohort study of the unemployed.

The Centre produces a series of discussion papers which are available on request, and about 15 of these a year are published as journal articles. The Centre has a regular sequence of overseas visitors (mainly from the U.S.). It has been associated with four conference volumes in the last four years, all special issues of journals; on education and income distribution (*Journal of Political Economy*), unemployment (*Economica*),

collective choice in education (*Public Choice*), and unemployment (*Review of Economic Studies*, forthcoming).

The Centre has a library on the economics of labour, and is associated with various courses in the School's teaching calendar: the options in Labour Economics and in the Economics of Education for the M.Sc. in Economics and the Education Statistics option for the M.Sc. in Statistics. Many research students also work in the Centre.

Industrial Relations and Work Behavioural Research Unit

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

Current research includes a study of organisational change in a nationalised industry; a project on the contribution of the personnel function to the effectiveness of organisations; a study of hiring practices and local labour markets in West Germany and the U.K. and a historical study of the development of shop-floor and plant bargaining in the Midlands between 1939 and 1946.

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

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

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

The Institute's President is Mr. Peter Walters, the Executive Chairman is Mr. Alan Swinden, the Director is Dr. Clive Purkiss, and the Deputy Director is Mr. Malcolm Bennison. Annual reports, newsletters and lists of publications are available from the Institute.

Population Investigation Committee

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

Since 1948, the Committee has published *Population Studies*, the first English language journal devoted to the subject and one of the world's leading demographic publications. The first editors were Professor D. V. Glass (until his death in 1978) and Mr. E. Grebenik who continues as editor with Mr. J. N. Hobcraft and Dr. R. Schofield

as associate editors. The journal appears three times a year and has a large circulation, more than 75% of which is made up of overseas subscribers.

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

In 1976 the Nuffield Foundation awarded a grant to the Committee to analyse the data on social mobility in the National Sample Survey and the first paper resulting from this research was published in 1981. Further papers should appear shortly.

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

In collaboration with L.S.E., the Committee organized a postgraduate training programme in demography, focused on developing countries but accepting students from developed societies. Since its establishment in 1965, some 240 students have been admitted. A book embodying the results of new methodological research undertaken in connection with the training programme, *Demographic Estimation for Developing Societies*, by N. H. Carrier and J. N. Hobcraft, was published by the Committee in 1971.

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

Other Aspects of Research

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

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

Computer Services

As members of the University of London, students and staff of the School have access to the University computer facilities. These comprise the CDC 6600 and 7600 computers and the Amdahl 470 V/8 at the University of London Computer Centre (ULCC); the ICL 2980 computer and Distributed Array Processor at Queen Mary

College; and the CDC Cyber 174 and 170/720 computers at Imperial College.

The School is directly linked to ULCC through card reader/line printer attached to a Modcomp Classic 7870 computer which also provides limited local processing facilities. Over 50 teletypes and video terminals (including 25 in two classrooms) are available to connect to the computers. Interactive graphics facilities are available for use with Tektronix computer display terminals. A PDP 11/34 is used as a local teaching computer. A System 6400 is available for word processing by staff in academic departments.

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

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

Publications by Members of Staff from 1 August 1980 to 31 July 1981

(This list includes publications that were not available for inclusion in the report for 1979-80.)

Director's Publications

La Libertà che Cambia (Laterza, Bari, 1981)

- 'Le chances di vita' in *La Libertà dei Contemporanei* (Biblioteca della Libertà, Torino, 1980)
- 'Wirtschaft und Gesellschaft am Ende des 20. Jahrhunderts' (*Bank Hofmann*, Zurich, 1980)
- 'Die Entwicklungen der Gegenwart und die mittelfristigen Perspektiven in der heutigen Welt' (*Universitas* 35. Jahrgang, Heft 9, Wissenschaftliche Verlagsgesellschaft, Stuttgart, September 1980)
- 'Desarrollos del presente y perspectivas a plazo medio en el mundo actual' (*Universitas*, Vol. XVIII, Núm. 2, Wissenschaftliche Verlagsgesellschaft, Stuttgart, December 1980)
- 'L'après social-démocratie' (*Le Débat*, Numéro 7, Gallimard, Paris, December 1980)
- 'Preface' to Enrico Colombatto, *Nation-wide Social Service: A Proposal for the 1980s* (Centre for Labour Economics, Discussion Paper No. 84, London School of Economics, December 1980)
- 'Preface' to *Select International Bibliography of Theses and Dissertations, 1957-1980* (Martinus Nijhoff Publishers, The Hague, 1981)
- 'Was kommt nach dem Konsensus der bürgerlichen Wachstumsgesellschaft' in *Fluchtpunkt Jahrhundertwende*, Band I *Modernität in Widerspruch* (Ullstein, Frankfurt am Main, 1981)
- 'Über Lebenschancen und Wandlungen der sozialen Konstruktion des menschlichen Lebens' in Carl Friedrich von Siemens Stiftung, *Reproduktion des Menschen* (Band 5, Ullstein-Verlag, Berlin, 1981)
- 'Die Wandlungen in den gegenwärtigen Gesellschaften und die Chancen heute' (*Universitas* 36. Jahrgang, Heft 3, Wissenschaftliche Verlagsgesellschaft, Stuttgart, March 1981)
- 'The Politics of Economic Decline' (*Political Studies*, Vol. XXIX, No. 2, Clarendon Press, Oxford, June 1981)
- 'Las transformaciones en las sociedades contemporáneas y posibilidades actuales' (*Universitas*, Vol. XVIII, Núm. 4, Wissenschaftliche Verlagsgesellschaft, Stuttgart, June 1981)

Accounting

Professor S. Dev

- Accounting and the L.S.E. Tradition*, Inaugural Lecture (London School of Economics and Political Science, 1980)
- 'Accountancy' in A. Jamieson (Ed.), *Into the Professions* (The Careers Research and Advisory Committee, 1980)

Mr. S.P. Lumby

- Investment Appraisal and Related Decisions* (Thomas Nelson and Sons, London, 1981)
- 'Financing the Nationalised Industries' (Memorandum in the *Eighth Report from the*

- Treasury and Civil Service Committee*, HC348-111, Session 1980-81)
- 'New Ways of Financing the Nationalised Industries' (*Lloyds Bank Review*, July 1981)

Mr. C.W. Noke

- 'Accounting for Bailiffship in Thirteenth Century England' (*Accounting and Business Research*, Spring 1981)
- 'Why Not Distribute Share Premiums?' (*Accountancy*, April 1981)

Professor B.S. Yamey

- 'Early Views on the Origins and Development of Bookkeeping and Accounting' (*Accounting and Business Research*, Special Issue, 1980)
- 'Some Reflections on the Writing of a General History of Accounting' (*Accounting and Business Research*, Spring 1981)

Anthropology

Professor E.A. Gellner

- 'Actions before Words' (*Times Literary Supplement*, 15 August 1980)
- 'Talking with Tamerlane' (*Times Literary Supplement*, 19 September 1980)
- 'Anomalies of No Fixed Abode' (*Times Literary Supplement*, 15 March 1981)
- (Editor and Introduction) *Islam, Société et Communauté. Anthropologies du Maghreb* (Editions du C.N.R.S., Paris, 1981)
- 'Problems facing the Ibn Khaldun Model of Traditional Muslim Society' in Fuad I. Khuri (Ed.), *Leadership and Development in Arab Society* (American University of Beirut, Beirut, 1981)

Professor I.M. Lewis

- A Modern History of Somalia: Nation and State in the Horn of Africa* (Longman, 1980)
- Somali Culture, History and Social Institutions* (London School of Economics, London, 1981)
- 'The Western Somali Liberation Front (WSLF) and the Legacy of Sheikh Hussein of Bale' in J. Tubiana (Ed.), *Modern Ethiopia* (A.A. Balkema, Rotterdam, 1980)
- 'Somali Democratic Republic' in B. Szajkowski (Ed.), *Marxist Governments: A World Survey* (Macmillan, London, 1981)

Dr. P. Loizos

- 'Granada Television's *Disappearing World* Series: An Appraisal' (*American Anthropologist*, Vol. 82, No. 3, September 1980)

Dr. M.J. Sallnow

- 'Communitas Reconsidered: The Sociology of Andean Pilgrimage' (*Man*, Vol. XVI, 1981)

Economics

Professor A.B. Atkinson

- (Editor) *Wealth, Income and Inequality* (Oxford University Press, Second edition, Oxford, 1980)
- 'Horizontal Equity and the Distribution of the Tax Burden' in H.J. Aaron and M.J. Boskin (Eds.), *The Economics of Taxation* (Brookings Institution, Washington D.C., 1980)
- 'Income Distribution and Inequality of Opportunity' (*Institute for Higher Studies Journal*, Vol. 4, 1980)

- (With N.H. Stern) 'On the Switch from Direct to Indirect Taxation' (*Journal of Public Economics*, Vol. 14, 1980)
- (With A. Sandmo) 'Welfare Implications of the Taxation of Savings' (*Economic Journal*, Vol. 90, 1980)
- 'On Intergenerational Income Mobility in Britain' (*Journal of Post-Keynesian Economics*, Vol. 3, 1980-81)
- 'Inheritance and the Redistribution of Wealth', in G.A. Hughes and G.M. Heal (Eds.), *Public Policy and the Tax System — Essays in Honour of James Meade* (Allen and Unwin, London, 1981)
- (With A.K. Maynard and C.G. Trinder) 'National Assistance and Low Incomes in 1950' (*Social Policy and Administration*, Vol. 15, 1981)
- 'The Measurement of Economic Mobility' in P.J. Eijgelshoven and L.J. van Gemerden (Eds.), *Inkomensverdeling en openbare financiën — Essays in Honour of Jan Pen* (Het Spectrum, Utrecht, 1981)
- 'Unemployment Benefits and Incentives' in J. Creedy (Ed.), *Unemployment* (Butterworth, London, 1981)

Dr. N.A. Barr

- 'Health Care and Education in Britain' in *Comparative Studies of Service Industries Between Japan and Britain* (Kikai Shinko Kyokai Keizai Kenkyusho, Tokyo and Kansai Economic Research Center, Osaka, 1980)
- 'The Taxation of Married Women's Incomes' (*British Tax Review*, Nos. 5 and 6, 1980)
- 'The Taxation of Husband and Wife' (*British Tax Review*, No. 1, 1981)
- 'Empirical Definitions of the Poverty Line' (*Policy and Politics*, Vol. 9, No. 1, January 1981)
- (With R.E. Hall) 'The Probability of Dependence on Public Assistance' (*Economica*, Vol. 48, No. 190, May 1981)
- 'Real Rates of Return in British Manufacturing and Service Industries 1962-1979' in *Comparative Studies of Service Industries Between Japan and Britain* (Kikai Shinko Kyokai Keizai Kenkyusho, Tokyo and Kansai Economic Research Center, Osaka, 1981)

Professor P.T. Bauer

- Equality, the Third World and Economic Delusion* (Weidenfeld and Nicolson, London and Harvard University Press, Cambridge, Massachusetts, 1981)
- (With B.S. Yamey) 'East, West, North, South' (*Commentary*, New York, September 1980)

Dr. F.A. Cowell

- (With K. Kuga) 'Inequality Measurement — An Axiomatic Approach' (*European Economic Review*, 15, 1981)

Professor P.S. Dasgupta

- (With R. Gilbert and J. Stiglitz) 'Energy Resources and Research and Development' in H. Siebert (Ed.), *Erschöpfbare Ressourcen* (Duncker and Humblot, Berlin, 1980)
- (With P. Hammond and E. Maskin) 'On Imperfect Information and Optimal Pollution Control' (*Review of Economic Studies*, October 1980)
- (With J. Stiglitz) 'Resource Depletion under Technological Uncertainty' (*Econometrica*, January 1981)
- (With J. Stiglitz) 'Entry, Innovation, Exist: Towards a Dynamic Theory of Oligopolistic Industrial Structure' (*European Economic Review*, February 1981)
- (With C. Blitzer and J. Stiglitz) 'Project Appraisal and Foreign Exchange Constraints' (*Economic Journal*, March 1981)

Mr. J.E.H. Davidson

- (With D.F. Hendry) 'Interpreting Econometric Evidence: The Behaviour of Consumers' Expenditure in the UK' (*European Economic Review*, 16 May 1981)

Dr. D.M. Gale

- 'Money, Information and Equilibrium in Large Economies' (*Journal of Economic Theory*, August 1980)
- 'Improving Coalitions in a Monetary Economy' (*The Review of Economic Studies*, July 1981)

Dr. S. Glaister

- Fundamentals of Transport Economics* (Blackwell, 1981)
- 'Passenger and Freight Transport in the United Kingdom' in *Comparative Studies of Service Industries Between Japan and Britain* (Kikai Shinko Kyokai Keizai Kenkyusho, Tokyo and Kansai Economic Research Center, Osaka, 1981)

Professor D.F. Hendry

- 'Econometrics — Alchemy or Science?' (*Economica*, December 1980)
- (With J.E.H. Davidson) 'Interpreting Econometric Evidence' (*European Economic Review*, 16, May 1981)
- (With T. von Ungern-Sternberg) 'Liquidity and Inflation Effects on Consumers' Expenditure' Chapter 9 in A. Deaton (Ed.), *Essays in the Theory and Measurement of Consumer Behaviour in Honour of Sir Richard Stone* (Cambridge University Press, 1981)

Dr. B.V. Hindley

- 'World Minerals Situation' (*International Chamber of Commerce Economic Yearbook*, 1980)
- 'Voluntary Export Restraints and Article XIX of the GATT' in J. Black and B. Hindley (Eds.), *Issues in Commercial Policy and Diplomacy* (Macmillan, 1980)
- 'Voluntary Export Restraints and the GATT's Main Escape Clause' (*The World Economy*, November 1980)

Mr. R.A. Jackman

- (With C.D. Foster and M. Perlman) *Local Government Finance in a Unitary State* (George Allen and Unwin, London, 1980)
- (With P.R.G. Layard) 'The Efficiency Case for Long-Run Labour Market Policies' (*Economica*, August 1980)
- 'Estimating Expenditure Need: The Use of Regression Analysis in England and Wales' in G. Cameron and J. Lotz (Eds.), *Measuring Local Government Expenditure Needs* (OECD, Paris, 1981)

Mr. K. Klappholz

- '"Value Judgments and Economics" Revisited' (*Quaderni*, No. 7/8, Fondazione Giangiacomo Feltrinelli, Milan, 1980)

Professor P.R.G. Layard

- 'Wages Policy and the Redistribution of Income' in D. Collard, R. Lecomber and M. Slater (Eds.), *Income Distribution: The Limits to Redistribution* (Colston Society, 1980)
- (With R. Jackman) 'The Efficiency Case for Long-Run Labour Market Policies' (*Economica*, August 1980)
- 'On the Use of Distributional Weights in Social Cost-Benefit Analysis: Comment' (*Journal of Political Economy*, October 1980)
- 'Human Satisfaction and Public Policy' (*Economic Journal*, December 1980)

Professor S.J. Nickell

'A Picture of Male Unemployment in Britain' (*Economic Journal*, December 1980)

Dr. M. Perlman

(With C. Foster and R. Jackman) *Local Government Finance in a Unitary State* (Allen and Unwin, 1980)

Dr. C.A. Pissarides

'British Government Popularity and Economic Performance' (*Economic Journal*, September 1980)

'The Wealth-Age Relation with Life Insurance' (*Economica*, November 1980)

(With A. Zabalza and M. Barton) 'Social Security and the Choice between Full-time Work, Part-time Work and Retirement' (*Journal of Public Economics*, Vol. 14, No. 2, October 1980)

(With A. Zabalza and D. Piachaud) 'Social Security, Life Cycle Savings, and Retirement' in D. Collard, R. Lecomber and M. Slater (Eds.), *Income Distribution: The Limits to Redistribution* (Colston Papers No. 31, Scientifica, Bristol, 1980)

'Contract Theory, Temporary Layoffs and Unemployment: A Critical Assessment' in D. Currie, D. Peel and W. Peters (Eds.), *Microeconomic Analysis* (Croom Helm, London, 1981)

Professor A.R. Prest

(With D.J. Coppock) *The UK Economy* (Weidenfeld and Nicholson, Eighth edition, London, 1980)

Value Added Tax: The Experience of the UK (American Enterprise Institute, Washington D.C., 1980)

'Land Taxation' (*British Tax Review*, Special Issue, 1980)

'UK Land Taxation in Perspective' in R.W. Lindholm and A.D. Lynn Jr., *Land Value Taxation in Thought and Practice* (University of Wisconsin Press, Madison, Wisconsin, 1981)

Dr. G.C. Psacharopoulos

(With A. Kazamias) *Report of the Post-Secondary Education Study Team* (in Greek) (Greek Ministry of Education, 1978)

(Editor) *Information: An Essential Factor in Educational Planning Policy* (UNESCO, 1980)

'Conceptions and Misconceptions on Human Capital Theory' in Werner Clement (Hrsg.), *Beiträge zur Theorie und Anwendung des Humankapitalansatzes* (Schriften des Vereins für Socialpolitik, Neue Folge Band 1, Duncker and Humboldt, Berlin, 1980)

'Educational Planning and the Labour Market' (*European Journal of Education*, No. 2, 1980)

'Returns to Education: An Updated International Comparison' in T. King (Ed.), *Education and Income* (World Bank Background Paper to World Development Report, 1980)

'Spending on Education in an Era of Economic Stress: An Optimist's View' (*Journal of Educational Finance*, Vol. 6, No. 2, Fall 1980)

'Towards an Atomistic Model of Education' (*Prospects*, Vol. X, No. 4, 1980)

'Education, Employment and Inequalities in LDC's' (*World Development*, Vol. 9, January 1981)

'The World Bank in the World of Education: Some Policy Changes and some Remnants' (*Comparative Education*, Vol. 17, No. 2, June 1981)

(With R. McNabb) 'Further Evidence on the Relevance of the Dual Labour Market Hypothesis for the UK' (*Journal of Human Resources*, Vol. 16, No. 3, Summer 1981)

'Lifetime Profiles of Earnings and Employment: A Survey' (*Social Science Information*, Summer 1981)

(With R. McNabb) 'Racial Earnings Differentials in the U.K.' (*Oxford Economic Papers*, Summer 1981)

'The Determinants of the Social Demand for Education' in *Volume in Honour of E. Papanoutsos* (in Greek) (Athens, 1981)

'The State of Educational Planning, Revisited' (*Prospects*, Vol. XI, No. 2, 1981)

Mr. S.E. Pudney

'Disaggregated Demand Analysis: The Estimation of a Class of Non-Linear Demand Systems' (*The Review of Economic Studies*, October 1980)

'Instrumental Variable Estimation of a Characteristics Model of Demand' (*The Review of Economic Studies*, July 1981)

Professor J.D. Sargan

'Some Approximations to the Distribution of Econometric Criteria which are Asymptotically Distributed as Chi-Squared' (*Econometrica*, July 1980)

Dr. C.D. Scott

Transnational Corporations and the Food Industry in Latin America: An Analysis of the Determinants of Investment and Divestment (Working Paper No. 64, Latin American Program, Woodrow Wilson International Centre for Scholars, Smithsonian Institution, Washington D.C., 1981)

Dr. M.A.M. Smith

'Optimal Tariffs, Optimal Taxes and Shadow Prices' in John Black and Brian Hindley (Eds.), *Current Issues in Commercial Policy and Diplomacy* (Macmillan, 1980)

Dr. H.R. Sneessens

Theory and Estimation of Macroeconomic Rationing Models (Springer-Verlag, 1981)

'Les Origines du Chômage en Belgique: leçons tirées d'un modèle macroéconomique avec rationnement' (*Recherches Economiques de Louvain*, No. 46, 1980)

Dr. J. Sutton

(With A. Shaked) 'Heterogeneous Consumers and Product Differentiation in a Market for Professional Services' (*European Economic Review*, March 1981)

(With A. Shaked) 'The Self-Regulating Profession' (*Review of Economic Studies*, April 1981)

Mr. J.J. Thomas

Introducción al Análisis Estadístico para Economistas (Spanish translation of *An Introduction to Statistical Analysis for Economists*) (Marcombo Boixareu Editores, Barcelona, 1980)

Dr. C.M.E. Whitehead

(With K. Awan and J. Odling-Smee) 'The Demand for Private Rental Housing in London' in Department of Housing and Construction, *Housing Economics: Papers prepared for National Housing Economics Conference 1978* (A.G.P.S., Canberra, 1980)

'Fiscal Aspects of Housing' in C. Sandford, C. Pond and R. Walker (Eds.), *Taxation and Social Policy* (Heinemann, London, 1980)

'Public Policy and House Prices' in *The Determination and Control of House Prices* (Building Societies Association, London, 1981)

'Housing Finance: A Changing Scene' (*Public Money*, Vol. 1, No. 1, May 1981)

Professor P.J. de la F. Wiles

Die Parallelwirtschaft (Sonderveröffentlichung des Bundesinstituts für ostwissenschaftliche und internationale Studien, Bonn, 1981)

'Ist eine Wirtschafts-Kooperation mit dem Osten für den Westen vorteilhaft?' in Gottfried Zieger and Axel Lebahn (Eds.), *Rechtliche und Wirtschaftliche Beziehungen zwischen den Integrationsräumen in West- und Ost-Europa* (Nomos, Baden-Baden, 1980)

'Wages and Income Policies' in Leonard Schapiro and Joseph Godson (Eds.), *The Soviet Worker* (Macmillan, 1981)

'Quelques Reflexions sur l'Embargologie' (*Politique Internationale*, Printemps, 1981)
Rejoinder to Dow and Rousseas (*Journal of Post-Keynesian Economics*, Spring, 1981)

Dr. H.R. Wills

Estimating Input Demand Equations by Direct and Indirect Methods' (*Review of Economic Studies*, April 1981)

Professor B.S. Yamey

(With B.A. Goss) *Economia dei Mercati a Termine* (Franco Angeli, Milan, 1981)

(With P.T. Bauer) 'East-West/North-South: Peace and Prosperity' (*Commentary*, September 1980)

Dr. A. Zabalza

(With C. Pissarides and M. Barton) 'Social Security and the Choice Between Full-time Work, Part-time Work and Retirement' (*Journal of Public Economics*, Vol. 14, No. 2, October 1980)

(With C. Pissarides and D. Piachaud) 'Social Security, Life-Cycle Saving and Retirement' in D. Collard, R. Lecomber and M. Slater (Eds.), *Income Distribution: The Limits to Redistribution* (Scientifica, Bristol, 1980)

Geography

Dr. C. Board

'Cartographic Communication' in B. Gutsell and L. Guelke (Eds.), *Maps in Modern Geography* (Toronto University Press, Cartographic Series, 1981)

Mr. J.R. Drewett

(Contributor) *The Regions of Europe* (First Periodic Report on the Social and Economic Situation of the Regions of the Community, Commission of the European Communities, 1981)

'Policy Responses to Regional Disequilibria in Western Europe' in G. Bonvicini and R. Petrella (Eds.), *Das Ungleiche Europe* (Trentino-Sudtirol, 1980)

'Changing Urban Structures in Europe' (*The Annals of the American Academy of Political and Social Science*, Special Issue, *Changing Cities — A Challenge to Planning*, Vol. 451, 1980)

'Urban Population Change in the Regions of the EEC 1960-1980' in Directorate General for Regional Policy, *Final Report* (Brussels, 1980)

(With A. Rossi) 'General Urbanization Trends in Western Europe' in L. Klaassen, W. Molle and J. Paelinck (Eds.), *Dynamics of Urban Development* (Proceedings of the 50th Anniversary Conference of the Netherlands Economic Institute, Gower Press, 1981)

Dr. S.S. Duncan

(With M. Goodwin) 'The Local State and Restructuring Social Relations: Theory and Practice' (*Working Papers in Urban and Regional Studies*, No. 24, University of Sussex, 1980)

(With A. Sayer) 'Debate in Geography and the Vampire Trick' (*Area*, Vol. 12, No. 3, 1980)

'Housing Policy, the Methodology of Levels, and Urban Research: The Case of Castells' (*International Journal of Urban and Regional Research*, Vol. 5, No. 2, 1981)

Dr. R.C. Estall

'The Changing Balance of the Northern and Southern Regions of the United States' (*Journal of American Studies*, Vol. 14, No. 3, December 1980)

Dr. F.E.I. Hamilton

(Editor with G.J.R. Linge) *Spatial Analysis, Industry and the Industrial Environment. Vol. II: International Industrial Systems* (Wiley, Chichester/New York, 1981)

'New Towns in Planned Economies' (*Town and Country Planning*, Vol. 49, No. 10, November 1980)

'Modern Problems of Industrial Location Analysis' in Karlheinz Hottes and F.E. Ian Hamilton (Eds.), *Case Studies in Industrial Geography* (Bochumer Geografische Arbeiten, Heft 39, 1980)

(With G.J.R. Linge) 'International Industrial Systems' Chapter 1 in F.E. Ian Hamilton and G.J.R. Linge (Eds.), *Spatial Analysis, Industry and the Industrial Environment. Vol. II* (Wiley, Chichester/New York, 1981)

'Industrial Systems: A Dynamic Force Behind International Trade' (*Professional Geographer*, Vol. 33, No. 1, 1981)

'Planning the Location of Industry in Socialist Economies' (in Japanese) (*Sangyo Ritchi* (Japan Industrial Location Center), Vol. 20, No. 6, Tokyo, 1981)

Dr. M.J. Hebbert

'The British New Towns — An Essay in Estate Management: A Review Article' (*Town Planning Review*, October 1980)

'Sir Frederick Osborn' in G. Cherry (Ed.), *Pioneers in British Planning* (Architectural Press, 1981)

(Guest Editor) 'The Land Debate' (*Town and Country Planning*, January 1981)

'Necesitan los Planificadores una Teoria del Planeamiento?' (*Cuadernos de Ordenacion del Territorio*, June 1981)

Mr. D.K.C. Jones

(Editor) *The Shaping of Southern England* (Institute of British Geographers, Special Publication No. 11, Academic Press, London, November 1980)

(Co-editor and co-author with J.C. Doornkamp and D. Brunnsden) *Geology, Geomorphology and Pedology of Bahrain* (Geo Books, Norwich, June 1980)

The Geomorphology of the British Isles: Southeast and Southern England (Methuen, London, March 1981)

(Editor) *Geoforum*, Vol. 11, 1980

'The Tertiary Evolution of South-east England with particular reference to the Weald' in D.K.C. Jones (Ed.), *The Shaping of Southern England* (Academic Press, 1980)

(With C.A. Baker) 'Glaciation of the London Basin and its Influence on the Drainage Pattern: A Review and Appraisal' in D.K.C. Jones (Ed.), *The Shaping of Southern England* (Academic Press, 1980)

'British Applied Geomorphology: An Appraisal' (*Zeitschrift für Geomorphologie*, N.F. Suppl-Band, 36, December 1980)

(With P.R. Bush, R.U. Cooke, D. Brunnsden and J.C. Doornkamp) 'Geology and Geomorphology of the Suez City Region, Egypt' (*Journal of Arid Environments*, No. 3, 1980)

(With D. Brunnsden, R.P. Martin and J.C. Doornkamp) 'The Geomorphological Character of Part of the Low Himalaya of Eastern Nepal' (*Zeitschrift für Geomorphologie*, N.F. Suppl-Band, 37, February 1981)

Professor E. Jones

- Towns and Cities* (Greenwood Press, Connecticut, 1980)
'The Growth of Cities' in J. Murray (Ed.), *A Cultural Atlas of Africa* (Phaidon, 1980)
'London in the Early Eighteenth Century: an Ecological Approach' (*The London Journal*, Vol. VI, No. 2, 1980)
'Relevance in Geography' (*Graticule*, No. 24, 1981)

Dr. J.E. Martin

- 'Location Theory and Spatial Analysis' (*Progress in Human Geography*, June 1981)

Dr. K.R. Sealy

- 'Airlines against the Wind' (*Geographical Magazine*, April 1981)

Dr. J.B. Thornes

- (With L. Starkell) *Palaeohydrology of River Basins* (Geo Abstracts Ltd., July 1981)
(With K.J. Gregory) 'The Severn Basin' (*Proceedings of the International Quaternary Association Conference, Amiens, 2-7 July 1979*, January 1981)
(With S. Northcliff) 'Seasonal Variations in the Hydrology of a Small Forested Catchment near Manans, Amazonas, and the Implications for its Management' in R. Lal and R. Russell (Eds.), *Agricultural Hydrology and Watershed Management in the Tropics* (Wiley, June 1981)
(With A. Gilman and S. Wise) 'How Old are the Badlands: Archaeological Evidence from South-east Spain' in R. Bryan and A. Yair, *Piping and Badland Erosion* (Geobooks, July 1981)

Professor M.J. Wise

- 'Four years of achievement — and now . . . ?' (*Geographical Magazine*, August 1980)
'Llewellyn Rodwell Jones 1881-1947' in T.W. Freeman and P. Pinchemel (Eds.), *Geographers: Bio-bibliographical Studies*, Vol. 4, Mansell, London, 1980
'Geographers in Japan' (*Area*, No. 12, 1980)
'Post-war Changes in Rural Britain' (*Horizon*, 29, 1981)
'Presidential Address to the International Geographical Union' (*International Geographical Union Bulletin*, Vol. XXXII, 1981)
'Planned and Unplanned Cities' (*The International Year Book and Statesmen's Who's Who*, 1981)

Government

Mrs. A. Bennett

- 'Britain: Nineteenth Century' in G.R. Elton (Ed.), *The Royal Historical Society: Annual Bibliography of British and Irish History, Publications of 1979* (Harvester Press, 1980)

Professor M.W. Cranston

- (Editor with Peter Mair) *Politique et Idéologie* (Bruylant, Brussels, 1980)
(Editor with Peter Mair) *Politique et Langage* (Bruylant, Brussels, 1982)
'Force et Violence chez Thomas Hobbes' (*Cadmos*, Geneva, 1981)

Dr. P.J. Dunleavy

- 'The Political Implications of Sectoral Cleavages and the Growth of State Employment: Part 1, The Analysis of Production Cleavages' (*Political Studies*, Vol. 28, September 1980)
'The Political Implications of Sectoral Cleavages and the Growth of State Employment: Part 2, Cleavage Structures and Political Alignment' (*Political Studies*, Vol. 28, December 1980)
(Co-author with Hugh Ward) 'Exogenous Voter Preferences and Parties with State

- Power: Some Internal Problems of Economic Theories of Party Competition' (*British Journal of Political Science*, Vol. 11, July 1981)

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Professor A.H. Land

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Mr. D.A. Clarke

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Dr. P. Loizos

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Professor M.J. Wise

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Statistics of Students

Analysis of Regular and Occasional Students, 1977-82

	Session 1977-78	Session 1978-79	Session 1979-80	Session 1980-81	Session 1981-82
REGULAR STUDENTS					
Full-time					
First Degree	1777	1832	1935	2071	2137
First Diploma	0	0	0	0	0
Higher Degree	1069	1073	1033	1201	1160
Higher Diploma	160	137	108	200	227
Research Fee	86	93	79	61	86
Other Regular	97	87	99	167	202
TOTAL OF FULL-TIME STUDENTS	3189	3222	3254	3700	3812
Part-time					
First Degree	0	8	15	13	28
Higher Degree	333	378	529	557	553
Higher Diploma	0	1	2	7	13
Research Fee	12	11	17	18	9
Other Regular	0	0	-	0	0
TOTAL PART-TIME STUDENTS	345	398	563	595	603
TOTAL OF REGULAR STUDENTS	3534	3620	3817	4295	4415
OCCASIONAL STUDENTS	88	76	54	30	41
GRAND TOTAL	3622	3696	3871	4325	4456

Analysis of Overseas Students, 1977-82

	Session 1977-78	Session 1978-79	Session 1979-80	Session 1980-81	Session 1981-82
REGULAR STUDENTS					
First Degree	392	395	405	471	516
First Diploma	0	0	0	0	0
Higher Degree	777	776	829	978	960
Higher Diploma	24	32	28	157	180
Research Fee	89	98	88	73	91
Other Regular	83	76	87	156	190
OCCASIONAL STUDENTS	38	32	8	8	2
TOTAL	1403	1409	1445	1843	1939

Analysis of Regular and Occasional Students, 1980-82

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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	346	123	469	1	1	2	1242	318	94	412	4	2	6	1272
2nd year	293	101	394	3	1	4		333	124	457	5	2	7	
3rd year	284	84	368	5	-	5		288	97	385	4	1	5	
			1231			11			1254			18		
Course-Unit Degree														
B.Sc./B.A.														
Geography														
1st year	17	10	27				79	16	11	27				82
2nd year	17	10	27					18	10	28				
3rd year	16	9	25					17	10	27				
			79						82					
B.Sc. Mathematics, Statistics, Computing and Actuarial Science														
1st year	22	14	36				81	26	14	40				93
2nd year	15	9	24					18	14	32				
3rd year	17	4	21					14	7	21				
			81						93					
B.Sc. Management Science														
1st year	28	9	37	1	-	1	67	22	14	36	-	2	2	77
2nd year	12	2	14	-	-	-		20	4	24	1	-	1	
3rd year	11	4	15	-	-	-		12	2	14	-	-	-	
			66			1			74			3		
B.Sc. Mathematics & Philosophy														
1st year	1	2	3				6	-	-	-				7
2nd year	1	-	1					-	-	-				
			6						7					

Analysis of Regular and Occasional Students, 1980-82—continued

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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./B.A. Social Anthropology														
1st year	4	16	20				54	4	16	20				53
2nd year	7	9	16					4	14	18				
3rd year	9	9	18					7	8	15				
			54						53					
B.Sc. Social Psychology														
1st year	9	11	20	-	-	-	48	2	18	20	-	-	-	49
2nd year	4	6	10	-	1	1		7	11	18	-	-	1	
3rd year	7	10	17	-	-	-		4	6	10	-	1	1	
			47			1			48					
B.Sc. Sociology														
1st year	13	15	28				79	5	19	24	-	1	1	81
2nd year	19	11	30					13	13	26	-	-	-	
3rd year	7	14	21					19	10	29	-	1	1	
			79						79			2		
B.A. French Studies														
1st year	4	12	16				38	4	7	11				42
2nd year	2	13	15					2	8	10				
3rd year	-	4	4					2	15	17				
4th year	-	3	3					1	3	4				
			38						42					
B.Sc. Chemistry & Philosophy of Science (jointly with King's College)														
1st year	1	2	3				4	-	-	-				2
2nd year	-	-	-					-	2	2				
3rd year	1	-	1					-	-	-				
			4						2					

130 Analysis of Regular and Occasional Students, 1980-82—continued

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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. Social Anthropology and Mediaeval History														
1st year	-	1	1					1	-	1				
2nd year	1	1	2				3	-	-	-				2
3rd year								1	-	1				
B.Sc. Social Science & Administration														
1st year	4	22	26				70	5	17	22				67
2nd year	7	15	22					4	19	23				
3rd year	6	16	22					7	15	22				
LL.B. 1st year	58	34	92				252	62	37	99	1	-	1	3
2nd year	38	41	79					54	32	86	1	-	1	
3rd year	46	35	81					38	41	79	-	1	1	
LL.B. with French Law														
1st year								7	5	12				12
B.A. History														
1st year	11	14	25				61	9	13	22	-	-	-	65
2nd year	3	15	18					11	13	24	-	-	-	
3rd year	9	9	18					3	15	18	1	-	1	
Research Fee														
1st year	44	6	50	9	5	14	79	54	25	79	5	3	8	95
2nd year and subsequent years	9	2	11	2	2	4		6	1	7	1	-	1	

131 Analysis of Regular and Occasional Students, 1980-82 —continued

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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	
M.Sc.														
1st year	425	217	642	64	35	99	1758	426	204	630	39	37	76	1713
2nd year														
subsequent years	34	31	65	37	25	62		36	28	64	49	33	82	
Ph.D.														
1st year	-	1	1	1	1	2		3	1	4	1	1	2	
2nd year and subsequent years														
	64	23	87	98	33	131	1758	59	35	94	103	42	145	1713
M.Phil.														
1st year	99	50	149	45	16	61		85	40	125	34	23	57	
2nd year and subsequent years														
	92	34	126	99	52	151	1758	92	35	127	93	48	141	1713
LL.M.														
1st year	81	33	114	20	5	25		70	31	101	8	7	15	
2nd year and subsequent years														
	-	-	-	9	8	17		2	-	2	18	4	22	
M.A.														
1st year	9	6	15	2	4	6		5	7	12	4	4	8	
2nd year and subsequent years														
	1	1	2	2	1	3		-	1	1	2	3	5	
University Post-Graduate Diplomas:														
International Law	1		1				1	2	1	3				3
Law								-	1	1				1

132 Analysis of Regular and Occasional Students, 1980-82—continued

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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	
Social Planning Personnel Management	6	4	10				10	6	2	8				8
Social Administration	10	15	25				25	11	13	24				24
Statistics	12	12	24				24	12	9	21				21
1st year	4	4	8				8	4	1	5				5
2nd year				1	-	1	1	-	-	-				-
Accounting and Finance	17	8	25	1	-	1	26	18	6	24	1	2	3	27
Business Studies														
1st year	19	10	29	1	-	1	30	18	9	27	-	1	1	28
2nd year											1	-	1	1
Management Sciences	5	5	10				10	6	5	11				11
Economics														
1st year	27	12	39	-	2	2	41	44	13	57	-	1	1	58
2nd year								1	-	1				1
Econometrics	4	1	5				5	2	-	2				2
International and Comparative Politics														
1st year	11	5	16	1	1	2	18	20	11	31	1	3	4	35
2nd year											-	1	1	1
Operational Research	5	1	6				6	3	1	4	-	1	1	5
Social Psychology														

133 Analysis of Regular and Occasional Students 1980-82—continued

REGULAR STUDENTS

SESSION 1980-81

SESSION 1981-82

	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	
Sociology								1	-	1				1
Systems Analysis								-	1	1				1
Criminal Justice								1	-	1				1
General Course	88	68	156				156	119	69	188				188
Pre-Law Year								1	1	2				2
Trade Union Studies	9	2	11				11	9	3	12				12
TOTAL OF REGULAR STUDENTS	2427	1273	3700	402	193	595	4295	2497	1315	3812	376	227	603	4415
OCCASIONAL STUDENTS				18	12	30	30				20	21	41	41
GRAND TOTAL	2427	1273	3700	420	205	625	4325	2497	1315	3812	396	248	644	4456

Analysis of Overseas¹ Students in Attendance at the London School of Economics during the Sessions 1977-82

	1977-78		1978-79		1979-80		1980-81		1981-82	
Balkan States	5	(5)	6	(6)	8	(8)	2	(2)	3	(3)
Cyprus ²	47	(47)	56	(56)	62	(62)	80	(80)	70	(70)
France	15	(14)	15	(14)	10	(10)	13	(13)	9	(9)
Germany	40	(37)	46	(44)	45	(45)	61	(61)	57	(57)
Greece	89	(85)	89	(85)	85	(85)	95	(92)	94	(94)
Italy	36	(36)	40	(40)	35	(33)	54	(54)	41	(41)
Netherlands	2	(2)	13	(12)	15	(15)	10	(10)	16	(16)
Poland	2	(2)	3	(3)	1	(1)	2	(2)	3	(3)
Scandinavia	21	(19)	28	(24)	23	(23)	27	(26)	21	(21)
Switzerland	22	(22)	19	(19)	19	(19)	22	(22)	14	(14)
U.S.S.R.	1	(1)	5	(5)	3	(3)	6	(6)	3	(3)
Others	60	(58)	63	(62)	69	(68)	73	(73)	75	(75)
<i>Total Europe</i>	<i>340</i>	<i>(328)</i>	<i>383</i>	<i>(370)</i>	<i>375</i>	<i>(372)</i>	<i>445</i>	<i>(441)</i>	<i>406</i>	<i>(406)</i>
Bangladesh	11	(11)	10	(10)	10	(10)	6	(6)	7	(7)
China	5	(5)	9	(9)	8	(8)	7	(7)	5	(5)
Hong Kong ³							85	(85)	104	(104)
India	40	(40)	40	(40)	38	(38)	51	(51)	51	(51)
Iran	57	(57)	50	(50)	42	(42)	56	(56)	33	(33)
Israel	18	(18)	19	(18)	23	(23)	18	(18)	15	(15)
Japan	34	(34)	34	(31)	32	(32)	26	(26)	35	(35)
Malaysia	68	(66)	58	(58)	63	(63)	74	(74)	100	(100)
Pakistan	33	(33)	32	(32)	31	(31)	43	(43)	36	(36)
Singapore	29	(28)	36	(36)	38	(38)	49	(49)	48	(48)
Sri Lanka	8	(8)	4	(4)	7	(7)	11	(11)	16	(16)
Thailand	10	(10)	11	(11)	16	(16)	14	(14)	15	(15)
Turkey	15	(12)	16	(16)	17	(17)	22	(22)	15	(15)

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 fees²Previously included in Europe: Others³Previously included in Asia: Others

Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions 1977-82 (continued)

	1977-78		1978-79		1979-80		1980-81		1981-82	
Others	71	(68)	81	(81)	97	(97)	64	(64)	62	(62)
<i>Total Asia</i>	<i>399</i>	<i>(390)</i>	<i>400</i>	<i>(396)</i>	<i>420</i>	<i>(420)</i>	<i>526</i>	<i>(526)</i>	<i>542</i>	<i>(542)</i>
Ghana	12	(12)	7	(7)	9	(9)	16	(16)	20	(20)
Kenya	20	(20)	20	(20)	23	(23)	28	(28)	23	(23)
Nigeria	31	(31)	25	(25)	27	(27)	63	(63)	80	(80)
South Africa	16	(16)	20	(20)	24	(24)	17	(17)	23	(23)
Zimbabwe	6	(6)	7	(7)	11	(11)	18	(18)	13	(13)
Others	41	(40)	45	(45)	43	(43)	71	(71)	95	(95)
<i>Total Africa</i>	<i>126</i>	<i>(125)</i>	<i>124</i>	<i>(124)</i>	<i>137</i>	<i>(137)</i>	<i>213</i>	<i>(213)</i>	<i>254</i>	<i>(254)</i>
Canada	123	(122)	105	(103)	98	(97)	84	(83)	79	(79)
United States	272	(261)	230	(221)	238	(234)	343	(343)	408	(408)
Others	18	(18)	21	(21)	28	(28)	57	(57)	1	(1)
<i>Total North America</i>	<i>413</i>	<i>(401)</i>	<i>356</i>	<i>(345)</i>	<i>364</i>	<i>(359)</i>	<i>484</i>	<i>(483)</i>	<i>488</i>	<i>(488)</i>
<i>West Indies</i>	<i>11</i>	<i>(11)</i>	<i>9</i>	<i>(9)</i>	<i>14</i>	<i>(14)</i>	<i>22</i>	<i>(22)</i>	<i>27</i>	<i>(26)</i>
Mexico									83	(83)
Others									5	(5)
<i>Total Central America</i>	<i>6</i>	<i>(6)</i>	<i>9</i>	<i>(9)</i>	<i>3</i>	<i>(3)</i>	<i>4</i>	<i>(4)</i>	<i>88</i>	<i>(88)</i>
<i>South America</i>	<i>66</i>	<i>(62)</i>	<i>70</i>	<i>(68)</i>	<i>82</i>	<i>(82)</i>	<i>105</i>	<i>(103)</i>	<i>95</i>	<i>(94)</i>
Australia	29	(29)	42	(40)	40	(40)	37	(36)	34	(34)
New Zealand	12	(12)	14	(14)	8	(8)	5	(5)	3	(3)
Others	1	(1)	2	(2)	2	(2)	2	(2)	2	(2)
<i>Total Oceania</i>	<i>42</i>	<i>(42)</i>	<i>58</i>	<i>(56)</i>	<i>50</i>	<i>(50)</i>	<i>44</i>	<i>(43)</i>	<i>39</i>	<i>(39)</i>
Total	1403	(1365)	1409	(1377)	1445	(1437)	1843	(1835)	1939	(1937)

The figures in brackets denote the number of Regular Students

The United Arab Republic is now included in Africa: Others

Mexico previously included in North America: Others

Part II: Regulations and Facilities

Admission of Students

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

First Degrees

U.C.C.A.

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

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

The earliest date at which the U.C.C.A. will receive applications for admission in October 1983 is 1 September 1982. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1982, except for students who include Oxford or Cambridge in their choice of Universities, who must submit their applications by 15 October 1982. 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. Ordinary passes (Grades A-C, in examination in and after 1973) in the Scottish Certificate of Education are accepted by the University of London as equivalent to Ordinary level passes in the G.C.E. examination. The University has also recently agreed that a student who has passed five separate subjects at the Higher level in the Scottish Certificate of Education and has obtained not less than Grade B in four of these subjects will be deemed to have satisfied the General Entrance requirements of the University of London. However the School would normally expect the candidates from Scotland to offer good passes in at least two subjects either in the Certificate of Sixth Year Studies examination or under the Post Higher syllabus.

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

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

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

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

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

Concurrent Study

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

Additional Information for Overseas Students

Many students overseas will find it convenient to submit their applications to the U.C.C.A. through an established agency, such as their government's Students' Office or High Commission, or the Overseas Development Administration, and students are

advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. 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 a sufficient sum to cover their maintenance in London (£2900 for 1982/83) 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 136-138 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	161-83
'O' level pass in Mathematics expected	
LL.B.	209-12
No course requirement	
LL.B. with French Law	213-5
'A' level pass in French required	
B.A. Geography	189-91
'O' level pass in Mathematics expected	
B.Sc. Degree	
'O' level pass in Mathematics expected for:	
Geography	189-91
Management Sciences	193-5
Social Psychology	198-9
Sociology	199-201
'A' level pass in a Mathematics subject expected for:	
Mathematics/Philosophy	195-6
Mathematics/Statistics/Computing/Actuarial Science	191-3
B.Sc. Social Science and Administration	207-8
'O' level pass in Mathematics expected	
B.A. History	216-7
'O' level pass in a foreign language, modern or classical, required	
'A' level pass in History or Economic History preferred	

General Course Students

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

1. Applications for General Course registration will be considered from undergraduates who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. Highly qualified graduate students who wish to do general work in the social sciences may also apply. Graduates who wish to follow a more specialised course without preparing for a degree, should apply for Research Fee registration (see pages 151 and 221).
2. General Course enrolment enables a student to attend lectures and classes and receive tuition at the School for one academic year only.
3. The number of students admitted each year is limited.
4. (a) The Tutor to General Course students has general responsibility for the arrangements for students in this category and will address newly-arrived students at the beginning of the year as part of a reception programme.
(b) Every student is allocated to a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(c) The student may attend most lecture courses and may also join classes.
(d) The student has full use of the Library without payment of any additional fee.
5. (a) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(b) The student may apply to write up to four examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(c) A tutor's confidential report will also be made available, on request, to the student's home university.

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

6. Application forms for General Course registration may be obtained from the Assistant Registrar of the School. An application fee (non-refundable) of £10 (or \$20) must be submitted at the time of application.

Occasional Students

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

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

The Pre-Law Programmes

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

Pre-Law Year

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

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

Pre-Law Semester

Students are required to take four single courses as follows:

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

Certification

At the end of each programme each student will be given on request a certificate of

registration. The certificate lists the lectures and classes which the student registered for but does not include a detailed record of attendance.

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

University Registration

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

Regulations for Students

Preamble

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

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

Alterations and Additions

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

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

General

4. No student of the School shall:

- (a) Disrupt teaching, study, research or administrative work, or prevent any member of the School and its staff from carrying on his work, or do any act reasonably likely to cause such disruption or prevention;
- (b) Damage or deface any property of the School, or do any act reasonably likely to cause such damage or defacing;
- (c) Use the School premises contrary to 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 therefore, or for any other good academic cause.

The Press

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

Public Statements

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

Copyright in Lectures

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

Misconduct

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

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

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

Penalties for Breaches of Regulations

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

Reprimand.

A fine not exceeding £25.

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

Expulsion from the School.

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

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

Reprimand.

A fine not exceeding £25.

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

Disciplinary Procedures

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

Should the Academic Secretary be satisfied that a *prime 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 his consent, further selections shall be made in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons. The President of the Students' Union shall be entitled to appoint a student to observe the conduct of the selection.

Academic Members of Disciplinary Panel

27. The annual selection of the academic members of the Disciplinary Panel shall be made by the 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 selection in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons.

Miscellaneous

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

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

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

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

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

shall remain valid and shall be deemed part of these Regulations until they have been amended, altered or cancelled under the 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 to these Regulations to the Academic Secretary shall be read to include his Deputy or any such person.

Fees

1 The fees stated are payable for the academic year 1982-83. They may not apply thereafter.

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

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

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

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

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

5 Separate fees are payable by students from overseas.

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

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

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

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

Full-time Students				
Sessional Fees	HOME AND EEC	OVERSEAS		
		in 1982	beginning in 1980 & 1981	before 1980
All first degrees General Course				
Trade Union Studies	£480	£2900	£2700	£1485
*M.Sc. and Diploma in Social Planning in Developing Countries	£1413	£3200	—	—
M.Sc. in Sea-Use, Law, Economics and Policy- Making	£3200	£3200	—	—
LL.M.	£1413	£2700	£2700	—
All other higher degrees School diplomas, University diploma and research fee	£1413	£2900	£2700	£1929
Part-time Students				
Sessional Fees	HOME, EEC AND OVERSEAS	beginning		
		in 1982	in 1981	in 1980
† First degrees (where applicable)	£250			
All higher degrees	£535	£500	£402	£216
Research Fee	£535	£500	£402	£216
Continuation Fee: Home and Overseas	£144	£144	£144	£90

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

† Part-time Registration

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

Students Registered with the Graduate School

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

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

Fees for Occasional Students

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

Financial Help Available to Applicants and Students

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

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

Information in the following paper covers these subjects:

Public Awards

Help offered by the School

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

Public Awards

(A) Undergraduates

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

(B) Postgraduates

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

Assessment of Need

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

Types of Help offered by the School

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

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

Scholarships

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

Loans

All loans are interest-free

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

within the academic year

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

Work Awards

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

Bursaries

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

Notes for Applicants

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

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

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

Decisions and Appeals

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

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

Time for Decisions

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

Form of Help

Short-term loan

Time for Decision

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

Scholarship
Long-term loan
Bursary
Work Award

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

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

(a) Undergraduate Scholarships

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

Name	Value	Eligibility or Department where offered
Institute of Chartered Secretaries and Administrators	£300	B.Sc. (Econ.) and LL.B. second or third year
Lillian Knowles	£125	Best results in Part I of B.Sc. (Econ.) specialising in Economic History at Part II
Harold Laski	£100	B.Sc. (Econ.) second or third year, specialising in Government
C. S. Mactaggart	£250	B.Sc. (Econ.) second or third year
Metcalfe	£100	B.Sc. (Econ.) second or third year women students
School Undergraduate Scholarships	£250	All first degrees except B.Sc. (Econ.), second or third year
Stern Scholarships in Commerce	£125	Awarded on basis of final examination, B.Sc. (Econ.) or B.Sc. by course units in Faculty of Economics for postgraduate study in a field of commercial interest

(b) Undergraduate Prizes

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

Allyn Young	£20	Performance in certain papers of Part I B.Sc. (Econ.)
Arthur Andersen Prizes	£60, £40	Best and second best performance in the examination Accounting and Finance I
Bassett Memorial Prizes	(i) £30	Performance in B.Sc. (Econ.) final examination, specialising in Government or Government and History, especially government of Great Britain.
	(ii) £20	Performance in Trade Union Studies course

Janet Beveridge Awards	(i) £50	Third year B.Sc. in Social Science and Administration
	(ii) £50	First or second year B.Sc. in Social Science and Administration
Coopers and Lybrand Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance III
Deloitte Haskins + Sells Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance II
William Farr	£25 and silver medal	Performance in B.Sc. (Econ.) Part II examination, specialising in Statistics or Computing
Morris Finer Memorial Prize in Law	£100	Performance at Part I of LLB
Maurice Freedman	£50	Best dissertation for special essay paper in Social Anthropology; third year
Geoids Book Prize in Memory of S. W. Wooldridge	about £15	Student who makes a distinctive contribution to the life of the Joint School of Geography at King's College and LSE
Gonner Prize	£15	Performance in certain special subjects of B.Sc. (Econ.) degree final examination
Gourgey Prize	£7.50	Best project report submitted for Trade Union Studies course
Hobhouse Memorial Prize	£50	Performance in final examination B.Sc. Sociology or B.Sc. (Econ.) specialising in Sociology at Part II
Hughes Parry Prize	£50	Performance in subject of Law of Contract in Intermediate examination in Laws
Maxwell Law Prize	£75	Performance in Part I of LL.B.

Mostyn Lloyd Memorial Prize	£40	Performance in Diploma in Social Science and Administration
George and Hilda Ormsby Prizes	(i) £45	Performance in B.A./B.Sc. in Geography or B.Sc. (Econ.) specialising in Geography at Part II
	(ii) £40	Best piece of original work in Geography
Peats Prizes	£60; £40	Best and second best performance in the examination, Elements of Accounting and Finance
Gilbert Ponsonby Memorial Prizes	£100	Performance in Part II of B.Sc. (Econ.) final examination
Premchand Prize	£75	Performance in special subject of Monetary Economics at Part II of the B.Sc. (Econ.) examination
Raynes Undergraduate Prize	£40	Best Performance in Part II of the B.Sc. (Econ.) examination
School Prize for Mathematicians	£75	Excellence in mathematical subjects in final examination of B.Sc. degree
S. W. Wooldridge Memorial Awards	—	To assist independent projects of field study by students registered in Joint School of Geography of King's College and LSE

(c) *Postgraduate Studentships*

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

Acworth Scholarship	£400	Graduate work in inland transport subjects
Delia Ashworth Scholarship	£275	Diploma course in Social Science and Administration
Montague Burton Studentships in International Relations	£800 minimum	Graduate work in International Relations
Morris Finer Memorial Studentships	Fees and maintenance	Research in socio-legal field on certain specified topics

Graduate Studentships	Fees and some maintenance	Graduate work in the social sciences
Graduate Studentships in Social Sciences	Fees and some maintenance	Graduate work in the social sciences
Hatton and Medlicott Awards	Interest-free loan up to £1000	Graduates registered in Department of International History
C. K. Hobson Studentships in Economics	Fees and some maintenance	Graduate work in Economics
Hutchins Studentship for Women	£500	Research in the social sciences preferably Economic History
IBM awards for the European Doctoral Programme	£3000 available	Graduate work under auspices of European Doctoral Programme for which student must be registered at LSE
Rees Jeffreys Road Fund Award	Fees and maintenance	Research in the field of transport
Madge Waley Joseph Scholarship	£40	Woman student registered for one-year course in Social Science and Administration
Kahn-Freund Award	Fees and some maintenance	Graduate work in law in specified fields of interest
Jackson Lewis Scholarship	£700	Graduate work in social sciences
Andrea Mannu Studentship	£3500 approx.	Graduate work in Philosophy, Logic and Scientific Method
Metcalf Studentship	£500 maximum	Woman student for research in social sciences, especially for study of a problem bearing on the welfare of women
Gilbert Ponsonby Memorial Awards	Grants or loans	Postgraduate students from developing countries registered in Department of Economics
Eileen Power Studentship	£1250	Research in Social or Economic History. Preference to candidates whose

		research is undertaken in some country other than the country of their usual residence
Rank Xerox Studentships in Business Studies	Fees and possibly some maintenance	For the Diploma course in Business Studies
Rosebery Studentship	£350	Graduate work in social sciences, preference given to those including some aspect of transport in their studies
Suntory-Toyota Studentships	Fees and some maintenance	Research work in specified fields of study for which the International Centre for Economics and Related Disciplines was established
Third World Foundation Research Award	Fees only	For research which is likely to create greater awareness of the problems of the Third World. Preference given to students from Third World countries.
American Friends Scholarships	Financial aid to graduate students in the form of fee awards may also be available from the American Friends of LSE. To be eligible for consideration applicants must be residents of the United States of America and must have applied for admission to a graduate programme at LSE. The applicant's overall qualifications will be considered in awarding scholarships. Applications should be sent directly to the Chairman, Scholarship Committee, American Friends of the London School of Economics, Suite 203, 1302 Eighteenth Street, NW, Washington DC 20036, USA (they should be submitted by 15 March). Applicants should include a statement of their academic record (together with degree transcripts wherever possible), two letters of recommendation, and any other information that they believe would be useful to the Committee including financial need and the current status of their applications at LSE.	

(d) *Postgraduate Prizes*

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

Bowley Prize	£60	Written work in the field of economic or social statistics completed within four years prior to 1 January 1984
Ely Devons Prizes	£60	Best student registered for M.Sc. (Economics); best student for M.Sc. (Econometrics and Mathematical Economics)
Firth Awards	£150	Best paper contributed to a seminar in Department of Anthropology by a graduate student
Gladstone Memorial Prize	£100	Student registered for Masters degree who submits best dissertation on subject connected with History, Political Science or Economics including some aspect of British Policy
George and Hilda Ormsby Prize	£50	Graduate work in Geography
Robson Memorial Prize	—	To help present or recent students of the School prepare for publication as articles or books work in subject area of interest to the late Professor Robson

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

Vera Anstey Memorial Award	—	Regard will normally be had to Dr. Anstey's special interest in India, Pakistan, Bangladesh and Sri Lanka
S. H. Bailey Scholarship in International Studies; and School Scholarship in International Law	£100	Awards are offered in alternate years. To enable attendance at some institute of international study; or to attend a session at the Academy of International Law at the Hague

Baxter-Edey Awards	£3000 available	Accounting and Finance: second and third year undergraduates or post-graduates
W. G. Hart Bursary Award	£800	Undergraduate or graduate work in Law
Japan Air Lines Travel Awards		Through the generosity of Japan Air Lines, air tickets are available for part or complete journeys to London. Japan Air Lines presently flies to London from Abu Dhabi, Auckland, Bangkok, Cairo, Copenhagen, Delhi, Fiji, Fukuoka, Guam, Honolulu, Kuala Lumpur, Manila, Moscow, Osaka, Paris, Pusan, Rome, Saipan, Sapporo, Seoul, Singapore, Sydney and Tokyo. A change of aircraft during the journey may be necessary. Any students who need help with their fares to come to LSE and who could join one of these routes should apply to the Scholarships Officer at the School

Scholarships and Studentships awarded by the University of London

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

First Degree Courses

General Information

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

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

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

Bachelor of Science in Economics

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

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

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

- French Studies
- Geography
- Social Anthropology and Mediaeval History

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 139.

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

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.

after having satisfactorily attended approved courses extending over two further academic years.

Details of Examination

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

Methods of Examination

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

Part I

The examination for Part I consists of four papers to be chosen from at least three of the following groups. Provided these requirements are satisfied a paper in an approved foreign language may be substituted for one of the papers listed below.

Part I Subjects

Group	Papers	Lectures, Classes and Seminars
I	(a) Economics A	Ec.100-a or Ec.101-a
	or (b) Economics B	Ec.102-a
	or (c) Introduction to Mathematical Economics	Ec.104-a
	(d) Elements of Accounting and Finance	Ac.100-101a, Ac.103
II	(a) Basic Mathematics for Economists	Ec.103-a, SM.100-a
	or (b) Elementary Mathematical Methods	SM.102-a
	or (c) Introduction to Algebra	SM.101-a
	(d) Introduction to Analysis and Set Theory	SM.103-a
III	(a) Basic Statistics	SM.200-a
	or (b) Elementary Statistical Theory	SM.204-a
	(c) Introduction to Logic	Ph.112-a
	or (d) Introduction to Mathematical Logic	Ph.114-a
	(e) Introduction to Scientific Method	Ph.100-101
	(f) Theory and Techniques of Spatial Analysis	Gy.103-a
IV	(a) Modern Politics and Government, with special reference to Britain	Gv.150-a
	(b) An Introduction to Political Thought: the Greeks	Gv.100-a
	(c) The Language of Politics: An Introduction to Political Theory	Gv.101-a
	(d) English Legal Institutions	LL.103, LL.103b, LL.160-a
	(e) The Structure of International Society	IR.101-a
	(f) International Law	LL.112, LL.112b
V	(a) Modern British Society in Historical Perspective	EH.101-a
	or (b) The Economic History of Great Britain and the U.S.A. 1850-1939	EH.100-a
	(c) Political History, 1789-1941	Hy.101-a
	or (d) World History since 1890	Hy.102-a
	or (e) The History of European Ideas since 1700	Hy.100-a
VI	(a) Introduction to Sociology	So.100-a

Lectures, Classes and Seminars

(b) Introduction to Individual and Social Psychology	Ps.100, Ps.100b
(c) Introduction to Social Anthropology	An.100-a
(d) Human Geography	Gy.100-a
(e) Introduction to Social Policy	SA.100-a
(f) Population, Economy and Society	Pn.100-a

Approved Foreign Language

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

French	German	Russian	Spanish
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Details of Examination

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

Part II

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

The special subjects are as follows:

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

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 department 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 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	Ec.111-a Ec.113-a
2. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics	Ec.112-a Ec.117-120, Ec.123
3. Advanced Economic Analysis	Ec.131-a
4. Public Finance	Ec.137-138
5. and 6. <i>Two</i> of the following:	
(a) History of Economic Thought	Ec.130-a
* <i>(b)</i> Labour Economics	Ec.136-a
* <i>(c)</i> Economics of Industry	Ec.132-a
<i>(d)</i> Economics and Geography of Transport	Ec.149-150, Ec.232
<i>(e)</i> International Economics	Ec.145-a

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

Lectures, Classes and Seminars

(f) Principles of Monetary Economics	Ec.139-140
(g) Economic Development	Ec.146-b
(h) Planning	Ec.148-a
(i) Economic Institutions Compared	Ec.147-a
†*(j) An approved paper taught outside the department of Economics	—
(k) Economic Analysis of Law	LL.127-a
(l) The Economics of the Welfare State	Ec.144-a
*7. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods	SM.230-a Ec.115-a
†*8. An approved paper taught outside the Department of Economics	—
II. Econometrics and Mathematical Economics	
*1. Principles of Economics Treated Mathematically	Ec.113-a
2. <i>Either</i> (a) Econometric Methods or (b) Econometric Theory (<i>only if Probability, Distribution Theory and Inference is taken under (6)</i>)	Ec.115-a SM.231-232a
3. Quantitative Economics	Ec.116-120, Ec.123
4. Quantitative Economics II	Ec.124
*5. <i>One</i> of the following:	
(a) Elementary Mathematical Methods (<i>if not taken at Part I</i>)	SM.102-a
(b) Mathematical Methods	SM.113-a
†(c) Another approved paper taught outside the Department of Economics	—
*6. <i>One</i> of the following:	
(a) Elementary Statistical Theory (<i>which must be taken if not taken at Part I</i>)	SM.204-a
(b) Probability, Distribution Theory, and Inference	SM.206-207a
†(c) A further paper taught outside the Department of Economics	—
7. <i>One</i> of the following:	
(a) Introduction to Economic Policy	Ec.143-a
(b) Advanced Economic Analysis	Ec.131-a
(c) Public Finance	Ec.137-138
(d) Monetary Systems	Ec.141-142
(e) Economic Institutions Compared	Ec.147-a
(f) Labour Economics	Ec.136-a
(g) Economics of Industry	Ec.132-a
(h) Economic Development	Ec.146-b
(i) Planning	Ec.148-a
(j) History of Economic Thought	Ec.130-a
(k) Economics and Geography of Transport	Ec.149-150, Ec.232
(l) The Economics of the Welfare State	Ec.144-a
(m) Theory of Business Decisions	Ec.134-a

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

†See pages 184-187.

	<i>Lectures, Classes and Seminars</i>
(n) Game Theory and Economic Applications	Ec.151-a, SM.120-a
(o) International Economics	Ec.145-a
(p) Principles of Monetary Economics	Ec.139-140
(q) Economic Analysis of Law	LL.127-a
(r) Mathematical Economics (<i>only if Mathematical Methods is taken under (5)</i>)	Ec.114-a
†8. A further approved paper or, with the approval of the teachers concerned, a course of study designed specially for the student and examinable by means of a project and written examination, taught inside or outside the Department of Economics.	
III. Monetary Economics	
*1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec.111-a Ec.113-a
*2. Introduction to Economic Policy	Ec.143-a
3. Principles of Monetary Economics	Ec.139-140
4. Monetary Systems	Ec.141-142
5. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics	Ec.112-a Ec.117-120, Ec.123
6. <i>One</i> of the following:	
(a) Advanced Economic Analysis	Ec.131-a
(b) Public Finance	Ec.137-138
(c) International Economics	Ec.145-a
(d) History of Economic Thought	Ec.130-a
(e) Labour Economics	Ec.136-a
(f) Economics of Industry	Ec.132-a
(g) Economic Development	Ec.146-b
(h) Economic Institutions Compared	Ec.147-a
(i) Economics and Geography of Transport	Ec.149-150, Ec.232
(j) The Economics of the Welfare State	Ec.144-a
*7. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods	SM.230-a Ec.115-a
†*8. An approved paper taught outside the Department of Economics	—
IV. Industry and Trade	
*1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec.111-a Ec.113-a
2. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics	Ec.112-a Ec.117-120, Ec.123
*3. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods	SM.230-a Ec.115-a
4. and 5. <i>Two</i> of the following:	
*(a) Economics of Industry	Ec.132-a
*(b) Theory of Business Decisions	Ec.134-a

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

†See pages 184-187.

	<i>Lectures, Classes and Seminars</i>
(c) Economics of Investment and Finance ¹	Ec.135-a
(d) Selected Topics in the Economics of Industry and Trade ²	Ec.133
6. and 7. <i>Two</i> of the following:	
(a) Advanced Economic Analysis	Ec.131-a
(b) History of Economic Thought	Ec.130-a
(c) Labour Economics	Ec.136-a
(d) International Economics	Ec.145-a
(e) Monetary Systems	Ec.141-142
(f) Public Finance	Ec.137-138
(g) Economic Development	Ec.146-b
(h) A paper available under 4 and 5 if not already taken	—
(i) Elements of Accounting and Finance	Ac.100-101a, Ac.103
(j) Economic Institutions Compared	Ec.147-a
(k) Economics and Geography of Transport	Ec.149-150, Ec.232
(l) An essay of not more than 10,000 words on an approved subject	—
(m) Economic Analysis of Law	LL.127-a
(n) Elements of Management Mathematics	SM.313-a
(o) The Economics of the Welfare State	Ec.144-a
†(p) An approved paper taught outside the Department of Economics	—
*8. An approved paper taught outside the Department of Economics	—
V. International Trade and Development	
*1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec.111-a Ec.113-a
2. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics	Ec.112-a Ec.117-120, Ec.123
3. International Economics	Ec.145-a
4. Economic Development	Ec.146-b
*5. A Comparative Study of Modern Economic Development in Russia, Japan and India	EH.109-a
*6. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods	SM.230-a Ec.115-a
7. <i>One</i> of the following:	
(a) Economic History of England 1216-1603	EH.108-a
(b) Economic History of England 1603-1830	EH.102-a
(c) Economic and Social History of Britain from 1815	EH.103-a
(d) Economic History of Western Europe from 1815	EH.105-a
(e) Economic History of the United States of America from 1783	EH.106-a
(f) Economic History of Latin America from Independence to the Present Day	EH.110-a
(g) Public Finance	Ec.137-138

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

†See pages 184-187.

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

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

Lectures, Classes
and Seminars

(h) Economics of Industry	Ec.132-a
(i) Advanced Economic Analysis	Ec.131-a
(j) History of Economic Thought	Ec.130-a
(k) Labour Economics	Ec.136-a
(l) Planning	Ec.148-a
(m) Economic Institutions Compared	Ec.147-a
(n) Economics and Geography of Transport	Ec.149-150, Ec.232
* (o) Elementary Mathematical Methods (unless taken at Part I)	SM.102-a
* (p) Mathematical Methods	SM.113-a
* (q) Elementary Statistical Theory (unless taken at Part I)	SM.204-a
* (r) Introduction to Economic Policy	Ec.143-a
(s) Economic Analysis of Law	LL.127-a
(t) The Economics of the Welfare State	Ec.144-a
†*8. An approved paper taught outside the Department of Economics	—
VI. Economic Institutions and Planning	
*1. Either (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec.111-a
*2. Economic Institutions Compared	Ec.113-a Ec.147-a
3. Either (a) Problems of Applied Economics or (b) Quantitative Economics	Ec.112-a Ec.117-120, Ec.123
4. Planning	Ec.148-a
5. Either (a) A Comparative Study of Modern Economic Development in Russia, Japan and India or †(b) An approved paper taught in the Department of Economics	EH.109-a —
†6. An approved paper taught inside or outside the Department of Economics	—
*7. Either (a) Economic Statistics or (b) Econometric Methods	SM.230-a Ec.115-a
†*8. An approved paper taught outside the Department of Economics	—
VII. Accounting and Finance	
*1. Accounting and Finance I	Ac.104-105a
2. Accounting and Finance II	Ac.102, Ac.106-a
3. Either (a) Accounting and Finance III or *(b) Elements of Accounting and Finance	Ac.107-112a Ac.100-101a, Ac.103
Option (b) is available only to a candidate who has not taken Elements of Accounting and Finance at Part I and such a candidate is required to select it and be examined in the subject at the end of the first year of Part II.	
4. Commercial Law	LL.161-a

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

†See pages 184-187.

Lectures, Classes
and Seminars

*5. Either (a) Economic Principles or (b) Principles of Economics Treated Mathematically	Ec.111-a Ec.113-a
6. One of the following: (a) Economics of Industry (b) Theory of Business Decisions (c) Monetary Systems (d) Public Finance (e) Labour Economics (f) Any other paper approved by the candidate's teachers	Ec.132-a Ec.134-a Ec.141-142 Ec.137-138 Ec.136-a —
*7. Candidates who have taken Elementary Statistical Theory or Basic Statistics must choose one of the following: (a) Operational Research Methods (b) Elements of Management Mathematics	SM.314-315a SM.313-a
All other candidates must take one of the following: (c) Elementary Statistical Theory (d) Basic Statistics (e) Economic Statistics	SM.204-a SM.200-a —
†*8. An approved paper taught outside the Department of Accounting and Finance	—
VIII. Economic History	
*1. and *2. Two of the following: (a) Economic History of England, 1216-1603 (b) Economic History of England, 1603-1830 (c) Economic and Social History of Britain from 1815	EH.108-a EH.102-a EH.103-a
3. One of the following: (a) Economic History of Western Europe from 1815 (b) Economic History of the United States of America from 1783 (c) Economic History of Latin America from Independence to the present day (d) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH.105 EH.106-a EH.110-a EH.109-a
4. and 5. One of the following, in each of which there are two papers: (a) Economic and Social History of England, 1377-1485 (b) Economic and Social History of England, 1660-1714 (c) Economic and Social History of England, 1760-1825 (d) Britain and the International Economy, 1929-1936	EH.113 EH.114 EH.115 EH.116
Candidates may substitute for one paper under 4 and 5 an essay of not more than 10,000 words on an approved	

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

†See pages 184-187.

Lectures, Classes
and Seminars

- subject (to be presented not later than 1 May in the candidate's third academic year).
6. One of the following:
- (a) Any paper listed under 1-3 above not already chosen
- (b) *Either* (i) English History, 1399-1603 Hy.112, Hy.112b
or (ii) British History, 1603-1760 Hy.112, Hy.112c
- (c) British History, 1760-1914 Hy.113, Hy.113b
- (d) English Society in the Nineteenth Century —
- (e) Modern British Business in Historical Perspective, 1900-1980 EH.107-a
- †(f) An approved paper in Economics or Statistics —
- †*7. and †*8. Two approved papers taught outside the Department of Economic History. One of these papers must be taught in the Department of Economics, unless an Economics paper has been taken at Part I or under paper 6(e). —
- IX. Government**
1. Political Thought Gv.102-b, Gv.104, Gv.106
2. Comparative Political Institutions Gv.160-161a
- *3. *Either* (a) Modern British Government¹ Gv.153-a
or (b) History of British Politics in the 20th Century Gv.152-a, Gv.207
4. One of the following:
- (a) Political Thought (a selected text) Gv.105
- (b) Political Philosophy Gv.107-b
- (c) Modern Political Thought: a Study of European Political Thought since 1770 Gv.109-b
5. and 6. Two of the following (*if not already chosen*):
- * (a) Modern British Government¹ Gv.153-a
- * (b) History of British Politics in the 20th Century Gv.152-a, Gv.207
- (c) Political Thought (a selected text) Gv.105
- (d) Political Philosophy Gv.107-b
- (e) Modern Political Thought: a Study of European Political Thought since 1770 Gv.109-b
- * (f) The Politics and Government of a Foreign Country or Group of Countries Gv.162-170a, Gv.230, LL.164
- (g) History of British Politics from the 17th to the 20th Century Gv.151-a
- * (h) Public Administration Gv.154-156, Gv.216
- * (i) Public Policy: Political and Economic Aspects Gv.171
- †*7. and †*8. Two approved papers taught outside the Department of Government —

¹May be examined at end of first year of Part II course.

†See pages 184-187.

¹Students will be expected to choose one of the options specified under Gv153 on page 379.

Lectures, Classes
and Seminars

X. Sociology

For students entering Part II in and before October 1981

- *1. Comparative Social Structures I —
2. Comparative Social Structures II So.105-a
- *3. Sociological Theory So.106-a
- 4., 5. and 6. Three of the following:
- * (a) Methods of Social Research (*This paper is compulsory for candidates who have not passed in one of the papers III(a) or III(b) of Part I, and is not available to those who have*) —
- (b) Social and Moral Philosophy So.111-a
- (c) Social Philosophy Ph.103-a
- (d) The Social Structure of Modern Britain So.120-a
- (e) The Social Structure of the Soviet Union So.121-a
- (f) The Development of Modern Japanese Society So.122-a
- (g) Political Sociology So.130-a
- (h) Political Processes and Social Change So.131-a
- (i) Urban Sociology So.134-a
- (j) Industrial Sociology So.140-a
- (k) Sociology of Religion So.142-a
- (l) Contemporary Sociological Theory So.110-a
- (m) Industrialisation and Theories of Social Change So.132-a
- (n) Criminology So.143-a
- (o) Sociology of Deviant Behaviour So.144-a
- (p) Society and Literature So.113-a
- (q) Sociology of Knowledge and Science So.112-a
- (r) Sociology of Sex and Gender Roles: Women in Society So.141-a
- (s) Race Relations and Minority Groups SA.122, SA.122b
- (t) Theories and Problems of Nationalism So.133-a
- (u) An essay of not more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year) —
- †*7. and †*8. Two approved papers taught outside the Department of Sociology. —

For students entering Part II in and after October 1982

- *1. Issues and Methods of Social Research SA.115, So.103
- *2. Sociological Theory So.106-a
- 3., 4., 5. and 6. Four of the following:
- * (a) Methods of Statistical Analysis (*This paper is compulsory for candidates who have not passed in one of the papers III(a) or III(b) of Part I, and is not available to those who have*) So.102, SM.202-a
- (b) Comparative Social Structures I So.104-a
- (c) Comparative Social Structures II So.105-a
- (d) Contemporary Sociological Theory So.110-a
- (e) Social and Moral Philosophy So.111-a
- (f) Social Philosophy Ph.103-a
- (g) The Social Structure of Modern Britain So.120-a
- (h) The Social Structure of the Soviet Union So.121-a

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

†See pages 184-187.

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(i) The Development of Modern Japanese Society	So.122-a
(j) Political Sociology	So.130-a
(k) Political Processes and Social Change	So.131-a
(l) Urban Sociology	So.134-a
(m) Industrial Sociology	So.140-a
(n) Sociology of Religion	So.142-a
(o) Industrialisation and Theories of Social Change	So.132-a
(p) Criminology	So.143-a
(q) Sociology of Deviant Behaviour	So.144-a
(r) Society and Literature	So.113-a
(s) Sociology of Knowledge and Science	So.112-a
(t) Sociology of Sex and Gender Roles: Women in Society	So.141-a
(u) Race Relations and Minority Groups	SA.122, SA.122b
(v) Theories and Problems of Nationalism	So.133-a
(w) An essay of not more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year)	—
†*7. and †*8. Two Approved papers taught outside the Department of Sociology.	—
XI. Statistics	
*1. Mathematical Methods	SM.113-a
*2. Probability, Distribution Theory and Inference	SM.206-207a
3. Statistical Theory	SM.218-220, SM.304-a
4. Statistical Techniques and Packages	SM.214-217, SM.304-a
5. and 6. Two of the following:	
(a) Actuarial Investigations — Statistical and Financial ¹	SM.235-a
(b) Actuarial Life Contingencies	SM.236-a
(c) Statistical Demography	Pn.107-b
(d) Econometric Theory	SM.231-232a
(e) Applied Econometrics	Ec.116-117, Ec.123
* (f) Elements of Computer Science	SM.302-a, SM.305-a, SM.311
(g) Numerical Methods	SM.304-a, SM.312-a
(h) Operational Research Methods (not to be taken with (i) or (j))	SM.314-315a
(i) Operational Research Techniques and Simulation	SM.314-a, SM.317-a
(j) Mathematical Programming	SM.315-316a
(k) Games, Decisions and Gambling	SM.120-a, SM.121-a
* (l) Introduction to Analysis and Set Theory (unless taken at Part I)	SM.103-a
(m) Further Analysis	SM.111-a
(n) Topology and Convexity	SM.124-126
†*7. and †*8. Two approved papers taught outside the Department of Statistical and Mathematical Sciences.	

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

†See pages 184-187.

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

Lectures, Classes
and Seminars

XII. Computing	
*1. Elements of Computer Science	SM.302-a, SM.305-a, SM.311
2. Systems Analysis and Design	SM.308-310a
3. Application of Computers	—
4. One of the following:	
(a) Numerical Methods	SM.312-a
(b) Operational Research Methods (not to be taken with (c) or (d))	SM.314-315a
(c) Operational Research Techniques and Simulation	SM.314-a, SM.317-a
(d) Mathematical Programming	SM.315-316a
(e) Statistical Techniques for Management Sciences	SM.210-213a
(f) Elements of Accounting and Finance	Ac.100-101a, Ac.103
(g) Theory of Business Decisions	Ec.134-a
(h) Economics of Industry	Ec.132-a
(i) Computing Methods	SM.306-307
5. and 6. Two of the following:	
(a) One or two of the papers not taken under 4	—
* (b) Elementary Statistical Theory (if not taken at Part I)	SM.204-a
* (c) Elementary Mathematical Methods (if not taken at Part I)	SM.102-a
(d) Probability, Distribution Theory and Inference	SM.206-207a
(e) Mathematical Methods	SM.113-a
(f) Statistical Theory (not to be taken with 4(e))	SM.218-220
(g) Statistical Techniques and Packages (not to be taken with 4(e))	SM.214-217
(h) Statistical Demography	Pn.107-b
(i) Econometric Theory	SM.231-232a
(j) An approved Mathematics paper	—
†*7. and †*8. Two approved papers taught outside the Department of Statistical and Mathematical Sciences.	
XIII. International Relations	
1. International History since 1914	Hy.128-129a
2. International Politics	IR.102-a, IR.104
3. Foreign Policy Analysis	IR.105-107
4. International Institutions	IR.108-b
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 The International Legal Order:	
* (a) International Law (unless taken at Part I or under papers 7 & 8)	LL.112, LL.112b
(b) The International Legal Order	IR.135-a
(c) Theories of International Politics	IR.136
(d) The Politics of International Economic Relations	IR.137-a
(e) Strategic Studies	IR.138-a
(f) International History (Special Period) chosen from the following:	

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

†See pages 184-187.

Lectures, Classes
and Seminars

- (i) International Socialism and the Problem of War, 1870-1918 Hy.138-a
 or (ii) Great Britain and the Peace Conference of 1919 Hy.147
 or (iii) The Manchurian Crisis, 1931-1933 Hy.148
 or (iv) The League of Nations in Decline, March 1933-December 1937 Hy.149-a
 (g) Theories and Problems of Nationalism So.133-a
 (h) Any other subject approved by the candidate's teachers within the field of International Relations—
- †*7. and †*8. Two approved papers taught outside the Department of International Relations
- As an alternative to any one of papers 5, 6, 7 and 8 a candidate may submit an essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the department teaching the subject concerned.
- XIV. Social Anthropology**
- *1. Studies of Kinship An.200-a
 *2. Political and Economic Institutions An.201-a
 3. Magic and Religion An.300-a
 4. Advanced Theory of Social Anthropology An.303-a
 5. Advanced Ethnography An.301-a
 *6. One of the following:
 (a) Economic Principles Ec.111-a
 (b) General Economics Ec.110-a
 (c) Sociological Theory So.106-a
 (d) Demographic Description and Analysis Pn.101-a
 (e) Introduction to Logic (*unless taken at Part I*) Ph.112-a
 (f) Introduction to Scientific Method (*unless taken at Part I*) Ph.100-101
 †(g) An approved paper in Psychology —
7. and 8. Two of the following:
 (a) (i) Social Aspects of Political and Economic Development An.304-a
 or (ii) An essay of not more than 10,000 words to be written during the course of study on an approved subject —
 †*(b) Either one or two approved papers taught outside the Department of Anthropology —
- XV. International History**
- *1. International History, 1494-1815 Hy.125-a
 *2. International History, 1815-1914 Hy.126-127
 *3. International History since 1914 Hy.128-129a
 4. One of the following:
 (a) The Habsburg Monarchy and the Revolutions of 1848 Hy.143

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

†See pages 184-187.

Lectures, Classes
and Seminars

- (b) The Great Powers and Egypt, 1882-1888 (*not available 1982-83*) Hy.145
 (c) The Great Powers and the Balkans, 1908-1914 Hy.146
 (d) Great Britain and the Peace Conference of 1919 Hy.147
 (e) The Manchurian Crisis, 1931-1933 Hy.148
 (f) The League of Nations in Decline, March 1933-December 1937 Hy.149-a
5. and 6. Two of the following:
 (a) War and Society, 1600-1815 Hy.134
 (b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854 Hy.135-a
 (c) British-American-Russian Relations, 1815-1914 Hy.137
 (d) The Mediterranean in International Politics, 1815-1914 (*not available 1982-83*) Hy.139-a
 (e) International Socialism and the Problem of War, 1870-1918 (*not available 1982-83*) Hy.138-a
 (f) Fascism and National Socialism in International Politics, 1919-1945 Hy.140-a
 (g) The Great Powers and the Near and Middle East, 1898-1956 —
- †7. and †8. Two approved papers taught outside the Department of International History of which at least one must be from the following list:
 *(a) General Economics Ec.110-a
 *(b) Economic History of England, 1603-1830 EH.102-a
 *(c) Economic and Social History of Britain from 1815 EH.103-a
 *(d) Economic History of the United States of America from 1783 EH.106-a
 *(e) Economic History of Latin America from Independence to the present day EH.110-a
 *(f) Economic History of Western Europe from 1815 EH.105-a
 (g) Political Thought Gv.102-102b, Gv.104, Gv.106
- or (h) Modern Political Thought: a Study of European Political Thought since 1770 Gv.109-b
 *(i) History of British Politics in the Twentieth Century Gv.152-a, Gv.207
 or (j) Modern British Government Gv.153-a
 (k) History of British Politics from the Seventeenth to the Twentieth Century Gv.151-a
 *(l) The Politics and Government of a Foreign Country or Group of Countries Gv.162-170a, Gv.230, LL.164
 (m) International Politics IR.102-a, IR.104
 (n) International Institutions IR.108-b
 *(o) International Law (*unless taken at Part I*) LL.112, LL.112b
 (p) The Politics of International Economic Relations IR.137-a

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

†See pages 184-187.

(q) An Approved Modern Foreign Language

Lectures, Classes
and Seminars

Ln.213-216,
Ln.303-305,
Ln.401-402,
Ln.404-405,
Ln.507-508,
Ln.510-511

XVI. Geography

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

*1. and *2. Two of the following:

- (a) Economic Geography Gy.208-a
(b) Either (i) Theory and Techniques of Spatial Analysis (unless taken in Part I) Gy.103-a
or (ii) Applied Spatial Analysis Gy.200-201
(c) Urban Geography Gy.210
(d) Social Geography Gy.209
(e) Man and his Physical Environment Gy.206-a

3, 4, 5 and 6. Four (or in approved cases, three) courses chosen from one or more of the following sections:

- (i) (a) Urban and Regional Systems Gy.309-a
(b) Advanced Social Geography Gy.307-308
(c) Planning and its Geographical Impact Gy.310
(d) Geography of Local Administration Gy.303
(ii) (e) Spatial Aspects of Economic Development Gy.304
(f) The Geography of Rural Development Gy.305
(g) Economics and Geography of Transport Ec.149-150, Ec.232
(h) Advanced Economic Geography: Agriculture Gy.306-a
(iii) (i) Environmental Management in Britain Gy.311-312
(j) Environmental Evaluation and Planning in Transport Gy.313-a
(iv) *(k) An approved Regional Study¹ Gy.220-221, Gy.223-225, Gy.322-324
(v) *(l) Historical Geography Gy.212-a
(m) General Political Geography —
(vi) (n) An Independent Geographical Study —
(vii) *(o) A paper from 1 and 2 not already taken —

†*7. and †*8. Two approved papers taught outside the Department of Geography. In approved cases, three papers may be taken (see introductory note).

XVII. Philosophy

- *1. Scientific Method Ph.102, Ph.104, Ph.111, Ph.126
2. History of Modern Philosophy, Bacon to Kant Ph.106-107a
*3. Logic Ph.114-a, Ph.116
4. Epistemology and Metaphysics Ph.108, Ph.111, Ph.125

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

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

†See pages 184-187.

- Lectures, Classes
and Seminars
5. Either *(a) Social Philosophy Ph.103-a
or (b) Mathematical Logic Ph.115-a
6. Either *(a) The Rise of Modern Science, Copernicus to Newton Ph.109-a
or (b) An essay written during the course of study —
or (c) An essay written under examination conditions —
7. One of the following:
(a) An essay written during the course of study (unless taken under 6) —
(b) An essay written under examination conditions (unless taken under 6) —
(c) Political Philosophy Gv.107-b
*(d) Introduction to Social Anthropology An.100-a
†(e) An approved economics paper —
*(f) The History of European Ideas since 1700 Hy.100-a
(g) An approved Modern foreign language Ln.213-216, Ln.303-305, Ln.401-402, Ln.404-405, Ln.507-508, Ln.510-511
Ln.100-a
*(h) Elementary Linguistics Ps.100, Ps.100b
*(i) Introduction to Individual and Social Psychology —
†*(j) An approved mathematics paper SM.204-a
*(k) Elementary Statistical Theory —
†*(l) Any other approved paper taught outside the Department of Philosophy —
- †*8. An approved paper taught outside the Department of Philosophy —

XVIII. Government and History

- A Government
1. Either (a) Political Thought Gv.102-b, Gv.104, Gv.106, Gv.108
or (b) Political Philosophy Gv.107-b
2. Either (a) Comparative Political Institutions Gv.160-161a
or *(b) Modern British Government¹ Gv.153-a
3. Either one paper from papers 1 or 2 if not already chosen or one of the following:
(a) Public Policy: Political and Economic Aspects Gv.171
(b) Political Thought (set text) Gv.105
*(c) History of British Politics in the 20th Century Gv.152-a, Gv.207
(d) History of British Politics from the 17th to the 20th Century Gv.151-a
*(e) The Politics and Government of a Foreign Country or Group of Countries Gv.162-170a, Gv.2 LL.164
*(f) Public Administration Gv.154-156, Gv.21

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

†See pages 184-187.

¹Students will be expected to choose one of the options specified under Gv153 on page 379.

	<i>Lectures, Classes and Seminars</i>
(g) Modern Political Thought: a Study of European Political Thought since 1770	Gv.109-b
B History	
*4. and *5. Two of the following:	
(a) English History, 1399-1603	Hy.112, Hy.112b
(b) British History, 1603-1760 (<i>this paper may not be taken by candidates who have chosen 3(d) above</i>)	Hy.112, Hy.112c
(c) British History, 1760-1914 (<i>this paper may not be taken by candidates who have chosen 3(d) above</i>)	Hy.113, Hy.113b
(d) European History c.1600-1789	Hy.118b, Hy.125
(e) <i>Either</i> (i) European History, 1789-1945 (<i>not available if Political History was taken at Part I</i>)	Hy.101, Hy.101b
or (ii) World History since 1890 (<i>if not taken at Part I</i>)	Hy.102-a
6. One of the following:	
(a) War and Society, 1600-1815	Hy.134
(b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854	Hy.135-136
(c) British-American-Russian Relations, 1815-1914	Hy.137
(d) The Mediterranean in International Politics, 1815-1914	Hy.136-a
(e) International Socialism and the Problem of War, 1870-1918	Hy.138-a
(f) Fascism and National Socialism in International Politics, 1919-1945	Hy.140-a
(g) The Great Powers and the Near and Middle East, 1898-1956	—
(h) Economic History of Western Europe from 1815	EH.105-a
(i) Economic History of the U.S.A. from 1783	EH.106-a
7. and 8. Two approved papers from the following:	
(i) one paper from papers 1, 2 or 3 if not already chosen—	—
(ii) one paper from paper 6 if not already chosen	—
(iii) one paper from the following:	
(a) The Habsburg Monarchy and the Revolutions of 1848	Hy.143
(b) The Great Powers and Egypt, 1882-1888 (<i>not available 1982-83</i>)	Hy.145
(c) The Great Powers and the Balkans, 1908-1914	Hy.146
(d) Great Britain and the Peace Conference of 1919	Hy.147
(e) The Manchurian Crisis, 1931-1933	Hy.148
(f) The League of Nations in Decline, March 1933-December 1937	Hy.149-a
†*(iv) An approved paper taught in another department	—
XIX. Economics and Economic History	
*1. Economic Principles	Ec.111-a

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

†See pages 184-187.

	<i>Lectures, Classes and Seminars</i>
*2. <i>Either</i> (a) Economic Statistics	SM.230-a
or (b) Econometric Methods	Ec.115-a
*3. <i>Either</i> (a) Economic History of England, 1603-1830	EH.102-a
or (b) Economic and Social History of Britain from 1815	EH.103-a
*4. One of the following:	
(a) Economic History of the U.S.A. from 1783	EH.106-a
(b) Economic History of Latin America from Independence to the Present Day	EH.110-a
(c) A Comparative Study of Modern Economic Development of Russia, India and Japan	EH.109-a
(d) Economic History of Western Europe from 1815	EH.105-a
5. Problems of Applied Economics	Ec.112-a
6. Britain and the International Economy, 1919-1964	EH.118
*7. One of the following:	
(a) History of Economic Thought	Ec.130-a
(b) Economic Development	Ec.146-b
(c) Labour Economics	Ec.136-a
(d) Principles of Monetary Economics	Ec.139-140
(e) International Economics	Ec.145-a
(f) Economics of Industry	Ec.132-a
8. Problems in Quantitative Economic History (<i>This paper will be taught over two years; and will be examined by an essay of not more than 10,000 words.</i>)	EH.117
XX. Philosophy and Economics	
*1. Scientific Method	Ph.102, Ph.104, Ph.111, Ph.126
2. History of Modern Philosophy	Ph.106-107a
3. One of the following:	
*(a) Social Philosophy	Ph.103-a
(b) Mathematical Logic	Ph.115-a
*(c) Logic	Ph.114-a, Ph.116
*4. Economic Principles	Ec.111-a
5. <i>Either</i> (a) Problems of Applied Economics	Ec.112-a
or *(b) Introduction to Economic Policy	Ec.143-a
6. <i>Either</i> (a) History of Economic Thought	Ec.130-a
or †(b) with the approval of the teachers concerned, another approved paper in Economics	—
*7. Economic Statistics	SM.230-a
8. Philosophy of Economics	Ph.105, Ph.124
XXI. Economic History and Sociology	
*1. Economic History of England 1603-1830	EH.102-a
*2. One of the following:	
(a) Economic and Social History of Britain from 1815	EH.103-a
(b) Economic History of England 1216-1603	EH.108-a
(c) Economic History of Western Europe from 1815	EH.105-a

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

†See pages 184-187.

	<i>Lectures, Classes and Seminars</i>
(d) Economic History of U.S.A. from 1783	EH.106-a
(e) Economic History of Latin America from Independence to the present day	EH.110-a
(f) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH.109-a
*3. and *4. <i>Two of the following:</i>	
(a) Introduction to Sociology (<i>This course is compulsory for students who have not taken it at Part I</i>)	So.100-a
(b) Sociological Theory	So.106-a
(c) The Social Structure of the Soviet Union	So.121-a
(d) The Development of Modern Japanese Society	So.122-a
(e) Industrial Sociology	So.140-a
(f) Political Sociology	So.130-a
(g) <i>Either</i> (i) Comparative Social Structures I or (ii) Comparative Social Structures II	So.104-a So.105-a
(h) The Social Structure of Modern Britain	So.120-a
(i) Demographic Description and Analysis	Pn.101-a
(j) Methods of Statistical Analysis (<i>not available to candidates who have passed in one of the papers III(a) or III(b) of Part I</i>)	So.102, SM.202-a
5. Economic and Social History of England 1760-1825 (by permission another special period taught in the Department of Economic History may be offered)	EH.115
6. and 7. <i>Two of the following:</i>	
(a) Industrialisation and Theories of Social Change	So.132-a
(b) Political Processes and Social Change	So.131-a
(c) Sociology of Religion	So.142-a
(d) The Population History of England	—
(e) Sociology of Sex and Gender Roles: Women in Society	So.141-a
(f) Issues and Methods of Social Research (<i>only available to students who have taken 3 and 4 (j) or III(a) or III(b) of Part I</i>)	SA.115, So.103
(g) Social Philosophy	Ph.103-a
(h) Sociology of Knowledge and Science	So.112-a
(i) Society and Literature	So.113-a
(j) Any of the papers 3 and 4 which have not been taken already	—
8. Problems in Social History (This paper will be taught over two years; and may be examined by essay or by a three-hour paper.)	EH.112
XXII. Russian Government, History and Language	
1. Comparative Political Institutions	Gv.160-161a
2. The Politics and Government of Russia	Gv.165-166a, LL.164
*3. <i>Either</i> (a) International History, 1815-1914 or (b) International History since 1914	Hy.126-127 Hy.128-129a
4. The History of Russia, 1682-1917	Hy.133, Gv.166

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

	<i>Lectures, Classes and Seminars</i>
5. Russian Language	Ln.507-508, Ln.510-511
6. <i>Either</i> (a) Aspects of Russian Literature and Society or (b) Report on a Subject within the Field of Russian Studies	Ln.512 —
7. and 8. <i>Two of the following:</i>	
(a) Modern Political Thought: a Study of European Political Thought Since 1770	Gv.109-b
(b) International Communism	IR.116, IR.156
*(c) Geography of the Soviet Union	Gy.324
(d) Soviet Economic Structure	Ec.245, Ec.246
(e) British-American-Russian Relations, 1815-1914	Hy.137
*(f) The Social Structure of the Soviet Union	So.121-a
*(g) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH.109-a
†*(h) Any other approved subject within the B.Sc. (Econ.) Part II	—
XXIII. Social Policy	
Note: Candidates who have not taken Basic Statistics or Elementary Statistical Theory at Part I are required to take one of these subjects or Methods of Social Investigation under papers 7 or 8.	
*1. Social Administration	Gv.150, SA.102, SA.102b
2. Social Policy	SA.103, SA.103b
3. and 4. <i>Two of the following:</i>	
(a) Educational Policy and Administration	SA.121b
(b) Personal Social Services	SA.123b
(c) Housing and Urban Structures	SA.125b
(d) Health Administration	SA.126b
(e) Race Relations and Minority Groups	SA.122b
(f) Sociology of Deviance and Control	So.144, SA.128b
5. <i>One of the following:</i>	
*(a) The Social Structure of Modern Britain	So.120-a
(b) <i>Either</i> * (i) Sociological Theory or (ii) Social and Political Theory	So.106-a So.106, SA.120
(c) Comparative Social Structures II: Industrial Societies	So.105-a
6. <i>One of the following:</i>	
*(a) Modern British Government ¹	Gv.153-a
(b) Modern Political Thought: a Study of European Political Thought since 1770	Gv.109-b
(c) Political Philosophy	Gv.107b
*(d) Public Administration	Gv.154-156, Gv.216
7. <i>One of the following:</i>	
*(a) General Economics	Ec.110-a
*(b) Economic Principles	Ec.111-a

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

†See pages 184-187.

¹Students will be expected to choose one of the options specified under Gv153 on page 379.

Lectures, Classes
and Seminars

- *(c) Introduction to Economic Policy Ec.143-a
 *(d) Economic Statistics SM.230-a
 *(e) The Economic History of Great Britain and the U.S.A. 1850-1939 (unless taken at Part I) EH.100-a
 *(f) Economic and Social History of Britain from 1815 EH.103-a
 *(g) Methods of Social Investigation (may not be taken if Basic Statistics or Elementary Statistical Theory has been taken at Part I) SA.115, SA.115b, SM.202-a
 *(h) Demographic Description and Analysis Pn.100-a
 (i) Statistical Techniques and Packages SM.214-217, SM.304-a
 †*8. An approved paper taught outside the Department of Social Science and Administration —
- XXIV. Population Studies**
- *1. Demographic Description and Analysis Pn.101-a
 *2. The Population History of England Pn.102-a
 3. and 4. Two of the following:
 *(a) The Demographic Transition and the Western World Today Pn.103-b
 (b) Third World Demography Pn.104-b
 (c) Migration Pn.105-b
 (d) Family Composition, Kin and the Life Cycle Pn.106-b
 5, 6, 7 and 8. Four of the following, including one from (g) or (h) if none of these papers was taken at Part I. A candidate who has taken one of these papers under (g) at Part I may take a paper under (h) at Part II and vice versa.
 *(a) Either (i) General Economics Ec.110-a
 or (ii) Economic Principles Ec.111-a
 *(b) The Social Structure of Modern Britain So.120-a
 *(c) Social Policy SA.103, SA.103b
 *(d) Studies of Kinship An.200-a
 *(e) English Society in the Nineteenth Century —
 *(f) Theory and Techniques of Spatial Analysis Gy.103-a
 *(g) Either (i) Elementary Statistical Theory SM.204-a
 or (ii) Basic Statistics SM.200-a
 *(h) Either (i) Elementary Mathematical Methods SM.102-a
 or (ii) Basic Mathematics for Economists Ec.103-a, SM.100-a
 *(i) Statistical Demography (Students taking this paper will be expected to have taken Elementary Mathematical Methods or Basic Mathematics for Economists) Pn.107-b
 (j) One paper from 3 and 4 above if not already chosen —
 †*(k) One other approved paper —

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

†See pages 184-187.

Lectures, Classes
and Seminars

- XXV. Industrial Relations**
- *1. Industrial Relations Id.104-a
 2. Selected Topics in Industrial Relations Id.105
 *3. Elements of Labour Law LL.162-a
 4. Industrial Sociology So.140-a
 5, 6, 7 and 8. Four of the following:
 *(a) Labour Economics Ec.136-a
 *(b) Economic Principles Ec.111-a
 *(c) Economic Statistics SM.230-a
 *(d) History of British Politics in the 20th Century Gv.152-a, Gv.207
 *(e) Political Sociology So.130-a
 (f) Organisation Theory and Practice Id.107-a
 *(g) Economic and Social History of Britain from 1815 EH.103-a
 †*(h) Any other approved paper —
- XXVI. Mathematics and Economics**
1. Principles of Economics Treated Mathematically Ec.113-a
 2. Topology and Convexity SM.124-126
 3. One of the following:
 (a) Further Analysis SM.111-a
 (b) Introduction to Algebra (if not taken at Part I) SM.101-a
 (c) Elementary Statistical Theory (if not taken at Part I) SM.204-a
 (d) Probability, Distribution Theory and Inference SM.206-207a
 4. One of the following:
 (a) Labour Economics Ec.136-a
 (b) Economics of Industry Ec.132-a
 (c) Theory of Business Decisions Ec.134-a
 (d) Econometric Methods Ec.115-a
 5. Mathematical Economics Ec.114-a
 6. One of the following:
 (a) Measure, Probability and Integration (only if 3(a) taken) —
 (b) Further Analysis (if not already taken) SM.111-a
 7. and 8. Two of the following:
 (a) Advanced Economic Analysis Ec.131-a
 (b) Game Theory and Economic Applications Ec.151-a, SM.120-a
 (c) History of Economic Thought Ec.130-a
 (d) Economics of Investment and Finance¹ Ec.135-a
 (e) Principles of Monetary Economics Ec.139, Ec.140
 (f) Problems of Applied Economics Ec.112-a
 (g) International Economics Ec.145-a
 †(h) Any other approved paper —

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

†See pages 184-187.

¹Students will normally be expected to have followed the lectures and classes for 4(c)

Part II Subjects Taught "Outside the Department"

The following subjects are available in Part II as "papers taught outside the Department" offering the special subject, i.e. papers listed as paper 7 or 8 and marked † in the preceding pages.

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

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

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

Reference Number and Title of Paper

Accounting

- Ac 2 Elements of Accounting and Finance
- Ac 3 Accounting and Finance I

Anthropology

- An 1 Introduction to Social Anthropology
- An 2 Ethnography of an approved Special Area
- An 3 Social Aspects of Political and Economic Development
- An 4 Studies of Kinship
- An 8 Magic and Religion (3rd-year course)

Economic History

- EH 2 The Economic History of Great Britain and the USA 1850-1939
- EH 3 A Comparative Study of Modern Economic Development in Russia, Japan and India
- EH 5 Economic History of England 1216-1603
- EH 6 Economic History of England 1603-1830
- EH 7 Economic and Social History of Britain from 1815
- EH 8 Economic History of Western Europe from 1815
- EH 9 Economic History of the USA from 1783
- EH 10 Economic History of Latin America from Independence to the Present Day
- EH 12 Britain and the International Economy 1919-1964 (3rd-year course)
- EH 13 Modern British Business in Historical Perspective 1900-1980

Economics

- Ec 1.1 Economics A1
- Ec 1.2 Economics A2
- Ec 2 Economics B
- Ec 3 Introduction to Mathematical Economics
- Ec 4 Basic Mathematics for Economists
- Ec 5 General Economics
- Ec 6 Economic Principles
- Ec 7 Labour Economics
- Ec 8 Principles of Economics Treated Mathematically
- Ec 10 History of Economic Thought (3rd-year course)
- Ec 11 Economics of Industry
- Ec 12 Introduction to Economic Policy
- Ec 13 Economic Institutions Compared
- Ec 14 The Economics of the Welfare State (3rd-year course)
- Ec 15 Economics and Geography of Transport
- Ec 16 Econometric Methods

Geography

- Gy 1 Human Geography
- Gy 2 Theory and Techniques of Spatial Analysis
- Gy 3 Economic Geography
- Gy 4 Urban Geography
- Gy 5 Man and his Physical Environment
- Gy 6 Historical Geography of the British Isles
- Gy 7 Applied Spatial Analysis
- Gy 9 An approved Regional Study:
 - 9.1 British Isles
 - 9.2 Europe
 - 9.3 Africa
 - 9.4 Soviet Union
 - 9.5 North America
- Gy 10 Spatial Aspects of Economic Development (3rd-year course)
- Gy 11 Urban and Regional Systems (3rd-year course)
- Gy 12 Advanced Economic Geography: Agriculture (3rd-year course)
- Gy 13 Social Geography

Government

- Gv 1 Modern Politics and Government with Special Reference to Britain
- Gv 2 An Introduction to Political Thought: The Greeks
- Gv 4 Public Policy: Political and Economic Aspects
- Gv 5 Public Administration
- Gv 6 Political Thought (two-year course)
- Gv 7 Political Thought (a selected text) (3rd-year course)
- Gv 8 Political Philosophy (two-year course)
- Gv 9 Politics and Government of an approved foreign country:
 - 9.1 USA
 - 9.2 Russia
 - 9.3 Germany
 - 9.4 France
 - 9.5 Africa
 - 9.6 Eastern Europe
 - 9.7 Scandinavia
 - 9.8 Latin America
- Gv 10 Modern British Government:
 - 10.1 Ideas in Modern British Politics
 - 10.2 Political Behaviour
 - 10.3 Cabinet Government
- Gv 11 History of British Politics from the 17th to the 20th Century (two-year course)
- Gv 12 History of British Politics in the 20th Century
- Gv 13 Comparative Political Institutions (two-year course)
- Gv 14 Modern Political Thought (two-year course)
- Gv 15 The Language of Politics

Industrial Relations

- Id 1 Industrial Relations

International History

- Hy 1 Political History 1789-1941
- Hy 2 World History since 1890
- Hy 3 The History of European Ideas since 1700
- Hy 4 International History 1494-1815

- Hy 5 International History 1815-1914
- Hy 6 International History since 1914
- Hy 8 Fascism and National Socialism in International Politics 1919-1945
- Hy 9 War and Society

Non-specialists may choose any other paper offered by the Department, provided permission is obtained from the teacher concerned.

International Relations

- IR 1 International Politics (two-year course)
- IR 2 International Institutions (two-year course)
- IR 3 Foreign Policy Analysis (two-year course)
- IR 4 Theories of International Politics (3rd-year course)
- IR 5 The Politics of International Economic Relations (3rd-year course)
- IR 6 Strategic Studies (3rd-year course)
- IR 7 The International Legal Order (3rd-year course)

Language Studies

- Ln 1 One of the following languages:

1.1 French	} two-year courses
1.2 German	
1.3 Russian	
1.4 Spanish	
- Ln 3 Elementary Linguistics
- Ln 4 Language, Mind and Society (3rd-year course)
- Ln 5 Literature and Society in Britain (i) 1830-1900
- Ln 6 Literature and Society in Britain (ii) 1900 to Present Day (not available in 1982-83)

Law

- LL 1 International Law
- LL 2 English Legal Institutions
- LL 3 Elements of Labour Law
- LL 4 Commercial Law
- LL 5 Women and the Law
- LL 6 Legislation (not available in 1982-83)
- LL 9 Basic Principles of the Soviet and Yugoslav Legal Systems
- LL 10 Legal and Social Change since 1750

Philosophy

- Ph 1 Introduction to Logic
- Ph 2 Introduction to Scientific Method
- Ph 3 The Rise of Modern Science: Copernicus to Newton
- Ph 4 Mathematical Logic (Incompleteness and Undecidability)
- Ph 5 History of Modern Philosophy (two-year course)
- Pn 6 Scientific Method
- Ph 7 Social Philosophy
- Ph 8 Introduction to Mathematical Logic

Population Studies

- Pn 1 Population, Economy and Society
- Pn 2 Demographic Description and Analysis
- Pn 3 The Population History of England
- Pn 4 The Demographic Transition and the Western World Today
- Pn 5 Third World Demography
- Pn 6 Migration
- Pn 7 Family Composition, Kin and the Life Cycle

- Pn 8 Statistical Demography

Social Psychology

- Ps 2 Introduction to Individual and Social Psychology
- Ps 3 Personality and Social Behaviour
- Ps 4 Cognitive Psychology

Social Administration

- SA 2 Introduction to Social Policy
- SA 3 Social Administration
- SA 4 Social Policy
- SA 5 Sociology of Deviance and Control
- SA 6 Educational Policy and Administration
- SA 7 Personal Social Services
- SA 8 Housing and Urban Structure
- SA 9 Health Administration
- SA 10 Race Relations and Minority Groups

Sociology

- So 1 Introduction to Sociology
- So 2 Social and Moral Philosophy
- So 3 The Social Structure of Modern Britain
- So 4 Comparative Social Structures I: Complex Pre-Industrial Societies
- So 5 Political Sociology
- So 6 Sociological Theory
- So 8 Sociology of Sex and Gender Roles: Women in Society
- So 9 Comparative Social Structures II: Industrial Societies
- So 10 Urban Sociology
- So 12 Criminology
- So 13 Theories and Problems of Nationalism
- So 14 Industrialisation and Theories of Social Change (not available in 1982-83)
- So 15 Sociology of Deviant Behaviour

Statistical and Mathematical Sciences

- SM 2 Elementary Mathematical Methods
- SM 3 Elementary Statistical Theory
- SM 4 Basic Statistics
- SM 5 Introduction to Analysis and Set Theory
- SM 6 Topology and Convexity
- SM 7 Mathematical Methods
- SM 8 Economic Statistics
- SM 9 Probability, Distribution Theory and Inference
- SM 10 Elements of Computer Science
- SM 12 Actuarial Investigations
- SM 14 Marketing and Market Research
- SM 15 Operational Research Methods
- SM 16 Numerical Methods
- SM 17 Games, Decisions and Gambling
- SM 18 Statistical Techniques for Management Sciences
- SM 19 Applied Abstract Analysis (3rd-year course)
- SM 21 Further Analysis
- SM 22 Ideas in Mathematics and Science
- SM 23 Further Algebra (not available in 1982-83)
- SM 24 Elements of Management Mathematics

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 nine course units.

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

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

B.Sc. Degree

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

B.A. Degree

Geography
Social Anthropology

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

1 Geography

- 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 *Fieldwork*: All students registered for B.A. and B.Sc. degrees in Geography by course units are required to attend a departmental field class during the first year of the course and to submit a written report. A number of second and third year course units require attendance at field classes and/or the carrying out of field work and information will be given to students choosing these options. A proportion of examination marks may be allocated for field work in these units.
- 1.5 In assessing a candidate for Honours, his achievement in the second and third years may be given more weight than that of the first year.
- 1.6 In certain cases students may be able to take courses at other colleges of the University. The permission of the convener is required.
- 1.7 A candidate is required to take the following courses:

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
First Year			
1. Physical Geography	1	420/1812	Gy.101-a
2. Human Geography	1	420/1800	Gy.100. Gy.100b
3. Theory and Techniques of Spatial Analysis	1	420/1815	Gy.103-a
4. One course outside Geography (See List of courses outside Geography)	1	—	
Second Year			
<i>3 or 4 course units to be chosen from:-</i>			
British Isles	1	420/1876	Gy.220
Economic Geography	1	420/1820	Gy.208-a
Man and his Physical Environment	1	420/1808	Gy.206
Applied Spatial Analysis	1	420/1856	Gy.200-201
Social Geography: Spatial Change and Social Process	1	420/1821	Gy.209
Urban Geography	1	420/1822	Gy.210
Historical Geography: British Isles	1	420/1829	Gy.212-a
General Political Geography	1/2	—	—
Biogeography	1	420/1842	Gy.204
Advanced Geomorphology I	1	420/1840	Gy.203
Meteorology & Climatology	1	420/1843	Gy.205
Elements of Hydrology	1/2	420/1844	Gy.202
Elements of Surveying, and Map Projections	1/2	—	—
Population Geography	1/2	420/1823	Gy.211
Soil Science	1/2	420/1841	Gy.215
Advanced Cartography	1/2	—	—
<i>Courses up to the value of 1 unit from the following list:-</i>			
Africa I	1/2	—	—
Europe	1	420/1877	Gy.221
Latin America I	1/2	420/1882	Gy.224

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
North America I	1/2	420/1880	Gy.223-a
North America II (*420/0421)	1/2	420/1881	Gy.322
The Third World: a Social and Economic Basis	1/2	420/1884	Gy.225
Courses to the value of 1 unit chosen from the list outside Geography			

Third Year

3 or 4 course units to be chosen from:-

Advanced Economic Geography: Agriculture	1/2	420/1921	Gy.306-a
Spatial Aspects of Economic Development	1	420/1920	Gy.304
Planning and its Geographical Impact	1	420/1926	Gy.310
Urban and Regional Systems (*420/0204)	1	420/1933	Gy.309-a
Historical Geography: Western and Central Europe (*420/0485 or 420/0417)	1/2	420/1930	—
Advanced Geomorphology II (*420/0260)	1/2	420/1960	Gy.300
Advanced Geomorphology III (*420/0260)	1/2	420/1961	Gy.301
Climatic Change	1/2	420/1963	Gy.302
Urban Climatology } (*420/0266)	1/2	420/1965	—
Microclimatology }	1/2	420/1964	—
Elements of Hydrology	1/2	420/1844	Gy.202
Geography of Rural Settlement	1/2	—	Gy.314
Environmental Management in Britain	1/2	420/1941	Gy.311-312
Environment Evaluation and Planning in Transport	1/2	420/1940	Gy.313-a
Geography of Local Administration	1/2	420/1927	Gy.303
The Geography of Rural Development	1	420/1922	Gy.305
Advanced Social Geography I: Planning, Housing and Urban Change (*420/0497; 420/0210)	1/2	420/1924	Gy.307
Advanced Social Geography II: Spatial Inequalities (*420/0497; 420/0210)	1/2	420/1925	Gy.308
Map Design and Evaluation	1/2	420/1950	Gy.315
Soviet Union	1/2	420/1878	Gy.324
Latin America II (*420/0425)	1/2	420/1883	Gy.323
North America II (*420/0421)	1/2	420/1881	Gy.322
A course or courses to the value of not more than 1 unit from the second year list.	1		
An independent essay of not more than 5,000 words on an approved topic in Geography.	1	420/1999	
Courses to the value of not more than 1 unit chosen from the list of courses outside Geography	1		

Courses outside Geography

For courses other than Geology please see list on pages 203-205.

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Geology (King's College)				
Fundamentals of Geology	1/2	430/0101	2 or 3	—
Stratigraphical Palaeontology	1/2	430/0104	1, 2 or 3	—
Stratigraphy and Sedimentation	1	430/0201	2	—
World Stratigraphy	1/2	430/0202	3	—

*Recommended Preliminary Course.

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
Economic Geology	1/2	430/0206	2 or 3	—
Structural Geology	1/2	430/0304	2 or 3	—
Advanced Economic Geology	1/2	430/0308	3	—
Sedimentology	1/2	430/0307	2 or 3	—
Oceanography	1/2	430/0108	2 or 3	—

2 Mathematics, Statistics, Computing and Actuarial Science

- 2.1 Candidates will normally be expected to take courses to the value of four course units during each of the three years of study.
- 2.2 The field or fields in which honours are awarded depends on the courses chosen. The basic requirements for each field are listed below. The remaining courses are chosen under tutorial guidance.
- Mathematics:** Courses 1, 2, 10, 11 and two from 12-16.
Statistics: Courses 3, 4, 17, 30, 31, 32.
Computing: Courses 3, 5, 40, 41, 42, 46 and one from 43-45.
Actuarial Science: Courses 3, 4, 6, 7(a)(ii), 17, 30, 34, 50, 51, 53. (If 6(b) is taken, 53 may be omitted.)
- 2.3 A student may also qualify for combined honours.
- Mathematics/Statistics:** Courses 1, 2 or 3, 4, 10, 17, 30, one from 11-16, 31 or 32.
Statistics/Computing: Courses 3, 4, 5, 17, 30, one from 31-34, 40 or 41 or 46 and one from 42-45.
Mathematics/Computing: Courses 1 or 2, 3, 5, 10 or 11, 17, 40 or 41 or 46, one from 42-45 and one further course from 10-16.
Actuarial Science/Statistics: Courses 3, 4, 6, 17, 30, 34, 53 and two from 7(a)(ii), 50, 51. (If 6(b) is taken, 53 may be omitted.)

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
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First Year

- | | | | |
|---|---|----------|----------------------------|
| 1. Introduction to Analysis and Set Theory | 1 | 550/7002 | SM.103-a |
| 2. Introduction to Algebra | 1 | 550/7001 | SM.101-a |
| 3. Elementary Mathematical Methods | 1 | 550/7000 | SM.102-a |
| 4. Elementary Statistical Theory | 1 | 790/7201 | SM.204-a |
| 5. Elements of Computer Science | 1 | 295/7300 | SM.302-a, SM.305-a, SM.311 |
| 6. At most one course from: | | | |
| (a) Economics A | 1 | 340/1400 | Ec.101-a |
| (b) Economics B | 1 | 340/1403 | Ec.102-a |
| (c) Introduction to Mathematical Economics | 1 | 340/1408 | Ec.104-a |
| 7. At most one course from: | | | |
| (a) Either (i) Elements of Accounting and Finance | 1 | 340/1000 | Ac.100-101a, Ac.103 |

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
or (ii) Elements of Accounting and Investment for Actuarial Science (available to Actuarial Science students only)	1	340/1001	Ac.100-101a, Ac.103-a Ph.114-a
(b) Introduction to Mathematical Logic	1	500/5201	
(c) Introduction to Individual and Social Psychology	1	720/5400	Ps.100, Ps.100b
(d) A course from the list of course units available to non-specialists	1	—	
Second and Third Years			
Mathematics			
10. Further Analysis (to follow course 1)	1	550/7030	SM.111-a
11. Further Algebra (to follow course 2)	1	550/7040	SM.112-a
12. Topology and Convexity	1	550/7021	SM.124-126
13. Infinite Abelian Groups	1	550/7042	SM.129
14. Category Theory	1	550/7041	SM.130
15. Games, Decisions and Gambling	1	550/7022	SM.120-121a
16. Sets and Models (to follow course 7b)	1	550/7031	SM.127
17. Mathematical Methods (to follow course 3)	1	550/7020	SM.113-a
18. Incompleteness and Undecidability	1	550/5222	Ph.115-a
19. Ideas in Mathematics and Science	1	550/7024	Ph.110, SM.123-a
20. Philosophy of Mathematics (two-year course)	1	500/5315	Ph.116, Ph.128
21. Applied Abstract Analysis	1	550/7060	SM.122
Statistics			
30. Probability, Distribution Theory and Inference (to follow course 4)	1	790/7220	SM.206-207a
31. Statistical Theory (3rd-year course)	1	790/7241	SM.218-220, SM.304-a
32. Statistical Techniques and Packages (3rd-year course)	1	790/7240	SM.214-217, SM.304-a
33. Statistical Techniques for Management Sciences (not to be taken with 31, 32 or 34)	1	790/7230	SM.210-213a
34. Statistical Methods for Actuarial Science (3rd-year course) (not to be taken with 31 or 33)	1	790/7250	SM.218-219, SM.221, SM.304-a
35. Statistical Demography	1	790/7126	Ph.107-b
36. Econometric Theory (two-year course)	1	340/1575	SM.231-232a
Computing and Operational Research			
40. Systems Analysis and Design (to follow course 5)	1	295/7322	SM.308-310a
41. Applications of Computers	1	295/7321	—
42. Numerical Methods	1	295/7330	SM.304-a, SM.312-a
43. Operational Research Techniques and Simulation	1	790/7346	SM.314-a, SM.317-a
44. Mathematical Programming	1	340/7348	SM.315-316a

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
45. Operational Research Methods (not to be taken with 43 or 44)	1	340/7345	SM.314-315a
46. Computing Methods (to follow course 5)	1	295/7320	SM.306-307
Actuarial Science and Economics			
50. Actuarial Investigations: Statistical and Financial	1	340/7260	SM.235-a
51. Actuarial Life Contingencies	1	340/7261	SM.236-a
52. Accounting and Finance I (to follow course 7(a))	1	340/1020	Ac.104-105a
53. (a) Economic Principles (to follow course 6)	1	340/1425	Ec.111-a
(b) Principles of Economics treated Mathematically (to follow course 6)	1	340/1426	Ec.113-a
54. Theory of Business Decisions (to follow course 6)	1	340/1453	Ec.134-a
55. Economics of Investment and Finance (to follow course 54)	1	340/1542	Ec.135-a
56. Economics of Industry	1	340/1451	Ec.132-a
57. Applied Econometrics (two-year course) (not to be taken with 58 or 59)	1	340/1578	Ec.116-117, Ec.123
58. Quantitative Economics	1	340/1576	Ec.116-120, Ec.123
59. Quantitative Economics II	1	340/1577	Ec.124

Other Courses

Courses to the value of at most two course-units from:

70. A course in Social Psychology	1	—	
71. Applied Spatial Analysis	1	420/1856	Gy.200-201
72. Urban and Regional Systems	1	420/1933	Gy.309-a
73. A Course or courses from the list of course units available to non-specialists (timetable permitting)			

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

3 Management Sciences

- 3.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 3.2 All candidates are normally required to take courses 3-7 and courses to the value of one unit from 30-34 or 40-44. In addition, all candidates are required to select at least one of the fields *Systems Analysis*, *Operational Research* or *Management Statistics* as their core field of study. The normal course requirements for the core fields are as follows:
Systems Analysis: Courses 20, 23, 24(a) and 25.
Operational Research: Courses 21, 22 and 25.
Management Statistics: Courses 23, 25 and 26.
 The remaining courses are chosen under tutorial guidance.
- 3.3 Course 3 is normally taken in the first year. Courses 4 and 5 are taken in the first year by students with 'A' level Mathematics. Other students take course 1 in the

first year and courses 4 and 5 in their second year. Courses 1 and 2 may only be taken in the first year.

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Basic Mathematics for Economists	1	340/1415	Ec.103-a, SM.100-a
2. Basic Statistics	1	790/7200	SM.200-a
3. Elements of Computer Science	1	295/7300	SM.302-a, SM.305a, SM.311
4. Elementary Mathematical Methods	1	550/7000	SM.102-a
5. Elementary Statistical Theory	1	790/7201	SM.204-a
6. <i>One of</i>			
(a) Economics A (candidates will be expected to take A2)	1	340/1400	Ec.101-a
(b) Economics B	1	340/1403	Ec.102-a
(c) Introduction to Mathematical Economics	1	340/1408	Ec.104-a
7. Elements of Accounting and Finance	1	340/1000	Ac.100-101a, Ac.103
8. <i>One of</i>			
(a) Introduction to Individual and Social Psychology	1	720/5400	Ps.100, Ps.100b
(b) English Legal Institutions	1	520/0001	LL.103, LL.103b, LL.160-a
(c) Introduction to Sociology	1	780/5800	So.100-a
(d) A course from the list of course units available to non-specialists			

Second and Third Year

Systems Analysis, Operational Research and Management Statistics

20. Systems Analysis and Design (3)	1	295/7322	SM.308-310a
21. Mathematical Programming (4)	1	340/7348	SM.315-316a
22. Operational Research Techniques and Simulation (3, 4, 5)	1	890/7346	SM.314-a, SM.317-a
23. Operational Research Methods (<i>not to be taken if 21 or 22 are taken</i>) (4, 5)	1	340/7345	SM.314-315a
24. <i>One of</i>			
(a) Applications of Computers (20)	1	295/7321	—
(b) Applied Management Science (21, 22)	1	340/7360	—
25. Statistical Techniques for Management Sciences (4, 5)	1	790/7230	SM.210-213a
26. Marketing and Market Research	1	790/7231	SM.222
27. Computing Methods (3)	1	295/7320	SM.306-307

Economics and Finance

30. <i>One of</i>			
(a) Economic Principles	1	340/1425	Ec.111-a
(b) Principles of Economics treated Mathematically (4, 6)	1	340/1426	Ec.113-a
31. Theory of Business Decisions (6)	1	340/1453	Ec.134-a
32. Economics of Investment and Finance (31)	1	340/1542	Ec.135-a
33. Economics of Industry (6)	1	340/1451	Ec.132-a
34. Accounting and Finance I (7)	1	340/1020	Ac.104-105a

Value in Course Units

Course Registration Number

Lectures Classes and Seminars

Organisation and Industrial Relations

40. Organisation Theory and Practice	1	340/3221	Id.107&b.
41. Public Administration	1	340/3035	Gv.154-156, Gv.216
42. <i>One of</i>			
(a) Elements of Labour Law	1	520/0004	LL.162-a
(b) Elements of Commercial Law	1	520/0005	LL.161-a
43. Industrial Sociology (8c)	1	780/5917	So.140-a
44. A course in Social Psychology	1	—	

Mathematics and Statistics

50. Actuarial Investigations: Statistical and Financial (5)	1	340/7260	SM.235-a
51. Actuarial Life Contingencies (4)	1	340/7261	SM.236-a
52. Mathematical Methods (4)	1	550/7020	SM.113-a
53. Games, Decisions and Gambling (52)	1	550/7022	SM.120-121a
54. Numerical Methods (4)	1	295/7330	SM.312-a
55. Probability, Distribution Theory and Inference (5)	1	790/7220	SM.206-207a
56. Introduction to Analysis and Set Theory (1)	1	550/7002	SM.103-a
57. Introduction to Algebra (1)	1	550/7001	SM.101-a

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

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

4 Mathematics and Philosophy

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

Value in Course Units

Course Registration Number

Lectures Classes and Seminars

First Year

1. Introduction to Analysis and Set Theory	1	550/7002	SM.103-a
2. Introduction to Algebra	1	550/7001	SM.101-a
3. Introduction to Mathematical Logic	1	500/5201	Ph.114-a
4. Introduction to Scientific Method	1	500/5210	Ph.100-101

Second and Third Years

5. Incompleteness and Undecidability	1	500/5222	Ph.115-a
6. Sets and Models	1	550/7031	SM.127
7. Further Analysis	1	550/7030	SM.111
8. Further Algebra	1	550/7040	SM.112-a
9. Topology and Convexity	1	550/7021	SM.124-126
10. Games, Decisions and Gambling	1	550/7022	SM.120-121a
11. Infinite Abelian Groups	1	550/7042	SM.129-a
12. Category Theory	1	550/7041	SM.130

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
13. Scientific Method	1	500/5230	Ph.101, Ph.104, Ph.111, Ph.126
14. The Rise of Modern Science, Copernicus to Newton	1	500/5240	Ph.109-a
15. Epistemology and Metaphysics	1	500/5310	Ph.108, Ph.111, Ph.125
16. Ideas in Mathematics and Science	1	500/7023	Ph.110, SM.123
17. An essay of 5,000-7,000 words written during the course of study on an approved topic in Philosophy	1	500/5398	
18. History of Modern Philosophy, Bacon to Kant (<i>two-year course</i>)	1	500/5300	Ph.106-107a
19. Philosophy of Mathematics (<i>two-year course</i>)	1	500/5315	Ph.116, Ph.128

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

5 Social Anthropology

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

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
For students beginning in 1982 only:			
First Year			
1. Introduction to Social Anthropology	1	180/1200	An.100-a
2. Elementary Ethnography	1	180/1202	An.102-a
3. An approved course to the value of one unit on a subject outside Anthropology			
Second Year			
1. Studies of Kinship	1	180/1220	An.202-a
2. Political and Economic Institutions	1	180/1221	An.201-a
3. Race and Culture	1	180/1203	An.101-a
Third Year			
1. Magic and Religion	1	180/1301	An.300-a
2. Advanced Theory of Social Anthropology	1	180/1300	An.303-a
3. One of the following:			
(a) Advanced Ethnography	1	180/1310	An.301-a
(b) Anthropological Linguistics	1	180/1331	An.302-a, Ln.100-a
(c) Social Aspects of Political and Economic Development	1	180/1330	An.304-a
4. (a) Special Essay Paper in Social Anthropology (One essay of 6,000 words or two essays each of 3,000 words)	1	180/1398	
(b) Another course unit in Anthropology approved by the Department	1	—	—

For students beginning up to and including 1981:

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
Second Year			
1. Studies of Kinship	1	180/1220	An.202-a
2. Political and Economic Institutions	1	180/1221	An.201-a
3. An approved course or courses to the value of one course-unit on a subject outside Anthropology			
Third Year			
1. Magic and Religion	1	180/1301	An.300-a
2. Advanced Theory of Social Anthropology	1	180/1300	An.303-a
3. One of the following:			
(a) Advanced Ethnography	1	180/1310	An.301-a
(b) Anthropological Linguistics	1	180/1331	An.302-a, Ln.100-a
(c) Social Aspects of Political and Economic Development	1	180/1330	An.304-a
4. (a) Special Essay Paper in Social Anthropology (One essay of 6,000 words or two essays each of 3,000 words)	1	180/1398	—
(b) Another course unit in Anthropology approved by the Department	1	—	—

6 Social Anthropology and Mediaeval History (The last entry to this course was in October 1981)

- 6.1 Candidates are normally 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.
- 6.2 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			
Three from the following (at least one from history and one from anthropology).			
1. Introduction to Social Anthropology	1	180/1200	—
2. Elementary Ethnography	1	180/1202	—
3. British History down to the end of the 14th Century	1	480/3420	—
4. European History 400-1200	1	480/3450	—
Second Year			
Three from the following (at least one from history and one from anthropology).			
5. Studies of Kinship	1	180/1220	An.200-a
6. Political and Economic Institutions	1	180/1221	An.201-a
7. English History 1399-1603	1	480/3423	Hy.112, Hy.112b
8. European History 1200-1500	1	420/3453	Hy.116
9. Economic History of England 1216-1603	1	340/1620	EH.108-a
10. Comparative Social Structures I: Complex Pre-industrial Societies	1	780/5820	So.104-a
11. Sociology of Religion	1	780/5921	So.142-a

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
12. An approved paper on Middle East or African History	1	—	—
Third Year			
Three from the following (at least one from history and one from anthropology) together with the essay.			
13. Magic and Religion	1	180/1301	An.300-a
14. Advanced Theory of Social Anthropology	1	180/1300	An.303-a
15. English Society from the Reign of Henry I to the Reign of Henry III, 1100-1272	1		
16. The Tudor Court	1		
17. The Economic History of England 1350-1500	1		
18. Paganism and Christianity in the Age of Augustine	1		
19. Ireland before the Vikings	1		
20. Linking Essay in Social Anthropology and Mediaeval History	1	180/1399	—

7 Social Psychology

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

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
First Year			
Introduction to Individual and Social Psychology	1	720/5400	Ps.100-a
Methods of Psychological Research I: General and Statistical	1	720/5406	Ps.105-a, SM.202a
Developmental and Biological Aspects of Behaviour	1	720/5405	Ps.103-a
Course outside Psychology	1	—	
Second Year			
Personality and Social Behaviour	1	720/5421	Ps.106-a, Ps.113
Cognitive Psychology	1	720/5422	Ps.109-a
Methods of Psychological Research II: Social and Statistical	1	720/5420	Ps.108-a
Course outside Psychology	1	—	
Third Year			
1. Advanced Study of Psychological Processes	1	720/5501	Ps.115-a
2. Social Change and Social Organisations	1	720/5502	Ps.116-a

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Lectures Classes and Seminars</i>
3. Methods of Psychological Research III: Project and Data Analysis	1	720/5500	Ps.152
4. and 5. Courses to the value of one unit from the following list:			
Child Development	1/2	720/5511	Ps.118
Personality and Motivation	1/2	720/5512	Ps.119
Social Psychology of Conflict	1/2	720/5516	Ps.156
Communication and Attitude Change	1/2	720/5514	Ps.120,Ps.150
Applications of Social Psychology	1/2	720/5510	Ps.159
Psycholinguistics	1/2	720/5515	Ps.160
Groups and Interpersonal Behaviour	1/2	720/5519	Ps.157
Decision Making and Decision Analysis	1/2	720/5517	—
Psychological Aspects of Legal Processes	1/2	720/5520	—

Courses outside Social Psychology — please see list on pages 203-205.

8 Sociology

(for candidates beginning in and before 1980)

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the five compulsory courses and to pass in Sociology courses to the value of six course units.
- 8.3 A candidate may take up to five course units in courses outside Sociology.
- 8.4 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.
- 8.5 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 of courses to the value of one course unit in List A. The report must be presented not later than 1 May in the academic year of submission.
- 8.6 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. Introduction to Sociology	1	780/1101	—
2. Methods of Social Research	1	790/1401	—
3. A course to the value of one unit from List B	1	—	
4. A course or courses to the value of not more than one unit from Lists A or B	1	—	
Second Year			
1. Comparative Social Structures: I	1	780/1103	So.103
2. Sociological Theory	1	780/1201	So.105-a
3. and 4. Courses to the value of at least two units from List A and/or List B	2	—	
Third Year			
1. Comparative Social Structures: II	1	780/5830	So.104-a
2, 3 and 4. Courses to the value of at least three units from List A and/or List B	3	—	

Optional Courses

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
List A: Courses in Sociology				
Social and Moral Philosophy	1	780/5810	1, 2 or 3	So.111-a
Social Philosophy	1	780/5250	2 or 3	Ph.103-a
Contemporary Sociological Theory	1	780/5989	3	So.110-a
The Social Structure of Modern Britain	1	780/5809	1, 2 or 3	So.120-a
The Social Structure of the Soviet Union	1	780/5860	2 or 3	So.121-a
The Development of Modern Japanese Society	1	780/5861	2 or 3	So.122-a
Political Sociology	1	780/5880	2 or 3	So.130-a
Political Processes and Social Change	1	780/5881	2 or 3	So.131-a
Industrial Sociology	1	780/5917	2 or 3	So.140-a
Sociology of Religion	1	780/5921	1, 2 or 3	So.142-a
Urban Sociology	1	780/5916	2 or 3	So.134-a
Industrialisation and Theories of Social Change	1	780/5882	2 or 3	So.132-a
Criminology	1	780/5919	2 or 3	So.143-a
Sociology and Deviant Behaviour	1	780/5920	2 or 3	So.144-a
Society and Literature	1	780/5945	2 or 3	So.113-a
Sociology of Knowledge and Science	1	780/5946	2 or 3	So.112-a
Sociology of Sex and Gender Roles: Women in Society	1	780/5918	2 or 3	So.141-a
Race Relations and Minority Groups	1	780/5915	2 or 3	SA.122-b
Theories and Problems of Nationalism	1	780/5883	2 or 3	So.133-a

List B: Courses outside Sociology—please see list on pages 203–205

(for students beginning in or after October 1981)

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

	Value in Course Units	Course Registration Number	Lectures Classes and Seminars
First Year			
1. Introduction to Sociology	1	780/5800	So.100-a
2. Methods of Statistical Analysis	1	790/7215	So.102, SM.202-a
3. A course to the value of one unit from List B	1	—	—
4. A course or courses to the value of not more than one unit from either List A or List B	1	—	—

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

Second Year

- | | | | |
|--|---|----------|----------|
| 1. Comparative Social Structures: I | 1 | 780/5820 | So.104-a |
| 2. Sociological Theory | 1 | 780/5821 | So.106-a |
| 3. and 4. Courses to the value of at least two units from List A and/or List B | 2 | — | — |

Third Year

- | | | | |
|--|---|----------|----------|
| 1. Comparative Social Structures: II | 1 | 780/5830 | So.105-a |
| 2. Unit Essay | — | 780/5831 | — |
| 3. and 4. Courses to the value of at least two units from List A and/or List B | 2 | — | — |

(Note: these must include Issues and Methods of Social Research unless already taken)

Optional Courses

	Value in Course Units	Course Registration Number	Normally Taken in Year	Lectures Classes and Seminars
List A: Courses in Sociology				
Issues and Methods of Social Research	1	780/5801	1, 2 or 3	SA.115, So.103
Social and Moral Philosophy	1	780/5810	1, 2 or 3	So.111-a
Social Philosophy	1	780/5250	2 or 3	Ph.103-a
Contemporary Sociological Theory	1	780/5989	3	So.110-a
The Social Structure of Modern Britain	1	780/5809	1, 2 or 3	So.120-a
The Social Structure of the Soviet Union	1	780/5860	2 or 3	So.121-a
The Development of Modern Japanese Society	1	780/5861	2 or 3	So.122-a
Political Sociology	1	780/5880	2 or 3	So.130-a
Political Processes and Social Change	1	780/5881	2 or 3	So.131-a
Industrial Sociology	1	780/5917	2 or 3	So.140-a
Sociology of Religion	1	780/5921	1, 2 or 3	So.142-a
Urban Sociology	1	780/5916	2 or 3	So.134-a
Industrialisation and Theories of Social Change	1	780/5882	2 or 3	So.132-a
Criminology	1	780/5919	2 or 3	So.143-a
Sociology of Deviant Behaviour	1	780/5920	2 or 3	So.144-a
Society and Literature	1	780/5945	2 or 3	So.113-a
Sociology of Knowledge and Science	1	780/5946	2 or 3	So.112-a
Sociology of Sex and Gender Roles: Women in Society	1	780/5918	2 or 3	So.141-a
Race Relations and Minority Groups	1	780/5915	2 or 3	SA.122, SA.122b
Theories and Problems of Nationalism	1	780/5883	2 or 3	So.133-a

List B: Courses outside Sociology — please see list on pages 203–205.

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

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

A candidate is required to take the following courses:

	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) The History of European Ideas since 1700	1	480/0013	—
(b) European History c. 1600-1789	1	480/0019	—
(c) The Language of Politics: An Introduction to Political Theory	1	340/0025	—
(d) The Structure of International Society	1	340/0026	—
4. <i>Either</i> (a) Main Trends in Contemporary French Thought, Literature and Language	1	750/0034	—
or (b) Any other approved course unit	1	—	—
Second Year			
5. The Development of Modern French	1	750/3850	Ln.201-a
6. <i>Either</i> (a) The History of Ideas in France in the 19th and 20th Centuries	1	480/3852	Ln.203-a
or (b) French Literature in the 19th and 20th Centuries	1	750/3851	Ln.204-a
7. The Social and Political History of France since 1870	1	480/3853	Ln.220-a
8. <i>One</i> of the following:			
(a) Economic History of Western Europe from 1815	1	340/1640	EH.105-a
(b) The Politics of Western European Integration	1	340/3771	IR.122-123
(c) Foreign Policy Analysis	1	340/3702	IR.105-107
(d) <i>Either</i> (i) An approved modern foreign language other than French	1	—	Ln.301
or (ii) Elementary Linguistics	1	290/3810	Ln.100-a
or (iii) Language, Mind and Society (to follow course 290/0002)	1	290/3851	Ln.101-102a
(e) European History 1789-1945	1	480/3462	Hy.101, Hy.101b
(f) World History since 1890	1	480/3403	Hy.102-a
Third Year			
9. Translation from and into French	1	750/3920	Ln.210
10. (a) Report	1/2	750/3921	—
(b) Oral	1/2	750/3922	Ln.211
11. The Politics and Government of France	1	340/3050	Gv.163-a
12. <i>One</i> of the following:			
(a) French Thought in the 20th Century	1	750/3932	Ln.217
(b) The French Language in the 20th Century	1	750/3931	Ln.218-a
(c) French Theatre of the Avant-Garde	1	750/3930	Ln.219-a

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

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

Subject	Course	Value in Course Units	Normally Taken in Year	Course Registration Number	Prerequisite	Lectures Classes and Seminars
Anthropology	Introduction to Social Anthropology	1	any	180/1200	—	An.100-a
	Race and Culture	1	any	180/1203	—	—
	Elementary Ethnography	1	any	180/1202	—	An.102-a
	Studies of Kinship	1	2 or 3	180/1220	180/0037	An.200-a
	Political and Economic Institutions	1	2 or 3	180/1221	180/0037	An.201-a
Economic History	Magic and Religion	1	3	180/1301	180/0037	An.300-a
	The Economic History of Great Britain and the U.S.A. 1850-1939	1	any	340/1600	—	EH.100-a
Economics	Modern British Business in Historical Perspective, 1900-1980	1	2 or 3	340/1660	—	EH.107-a
	Economic History of the United States of America from 1783	1	2 or 3	340/1641	—	EH.106-a
	Economic and Social History of Britain from 1815	1	2 or 3	340/1630	—	EH.103-a
	Economic History of Latin America from Independence to the present Day	1	2 or 3	340/1642	—	EH.110-a
	English Society in the Nineteenth Century	1	any	340/1661	—	—
Geography	Economics A	1	any	340/1400	—	Ec.100-a or Ec.101-a
	General Economics	1	2 or 3	340/1420	340/0010	Ec.110-a
	Economics and Geography of Transport	1	2 or 3	340/1544	340/0010	Ec.149-150, Ec.232
Government	Human Geography	1	any	420/1800	—	Gy.100, Gy.100b
	Modern Politics and Government with Special Reference to Britain	1	any	340/3010	—	Gv.150-a
History	English History 1399-1603	1	any	480/3423	—	Hy.112, Hy.112b
	British History 1603-1760	1	any	480/3429	—	Hy.112, Hy.112c
	British History 1760-1914	1	any	480/3432	—	Hy.113, Hy.113b
	International History 1815-1914	1	any	480/3503	—	Hy.126-127
	International History since 1914	1	2 or 3	480/3506	—	Hy.128-129a

Subject	Course	Value in Course Units	Normally Taken in Year	Course Registration Number	Prerequisite	Lectures Classes and Seminars
International Relations	The Structure of International Society	1	1	340/3600		IR.101-a
	The International Political System	1	two-year course	340/3701		IR.102-a, IR.104
Language Studies	Elementary Linguistics	1	any	290/3810		Ln.100-a
	Language, Mind and Society	1	2 or 3	290/3831		Ln.101-102a
	Literature and Society in Britain 1830-1900	1	any	380/3840		Ln.603
	Literature and Society in Britain 1900 to the present day (Not available 1982-83)	1	any	380/3841		—
Law	English Legal Institutions	1	any	520/0001		LL.103-a, LL.160-a
	International Law	1	any	520/5021		LL.112, LL.112b
	Introduction to the Anthropology of Law	1	2 or 3	520/5138		LL.122-a
Mathematics	Basic Mathematics for Economists	1	any	340/1415		Ec.103-a, SM.100-a
	Elementary Mathematical Methods	1	any	550/7000		SM.102-a
	Introduction to Analysis and Set Theory	1	any	550/7002		SM.103-a
Philosophy	Introduction to Scientific Method	1	any	500/5210		Ph.100-101
	Introduction to Logic	1	any	500/5200		Ph.112-a
	Social Philosophy	1	2 or 3	780/5250		Ph.103-a
Population Studies	Population, Economy and Society	1	any	340/7100		Pn.100-a
	Demographic Description and Analysis	1	2 or 3	340/7120		Pn.101-a
	The Demographic Transition and the Western World Today	1	2 or 3	340/7122		Pn.103-b
	Third World Demography	1	2 or 3	340/7123		Pn.104-b
	Migration	1	2 or 3	340/7124		Pn.105-b
	Family Composition, Kin and the Life Cycle	1	2 or 3	340/7125		Pn.106-b
Social Administration	Introduction to Social Policy	1	any	775/5600		SA.100-a
Social Psychology	Introduction to Individual and Social Psychology	1	any	720/5400		Ps.100, Ps.100b

Subject	Course	Value in Course Units	Normally Taken in Year	Course Registration Number	Prerequisite	Lectures Classes and Seminars
	Personality and Social Behaviour	1	2 or 3	720/5421	720/0106	Ps.106-a
	Cognitive Psychology	1	2 or 3	720/5422	720/0106	Ps.109-a
Sociology	Social and Moral Philosophy	1	any	780/5810		So.111-a
	Introduction to Sociology	1	any	780/5800		So.100-a
	Comparative Social Structures I (Complex Pre-industrial Societies)	1	2 or 3	780/5820	780/1101	So.104-a
	Comparative Social Structures II (Industrial Societies)	1	2 or 3	780/5830	780/1101	So.105-a
	Sociological Theory	1	2 or 3	780/5821	780/1101	So.106-a
	Industrial Sociology	1	2 or 3	780/5917	780/1101	So.140-a
	Criminology	1	2 or 3	780/5919	780/1101	So.143-a
	Political Sociology	1	2 or 3	780/5880	780/1101	So.130-a
	The Social Structure of Modern Britain	1	any	780/5809		So.120-a
	Sociology of Sex and Gender Roles: Women in Society	1	2 or 3	780/5918		So.141-a
	Theories and Problems of Nationalism	1	2 or 3	780/5883		So.133-a
Sociology of Deviant Behaviour	1	2 or 3	780/5920		So.144-a	
Statistics	Elementary Statistical Theory	1	any	790/7201		SM.204-a

B.Sc. Chemistry and Philosophy of Science

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

	<i>Value in Course Units</i>	<i>Course Registration Number</i>	<i>Normally Taken in Year</i>	<i>Lectures Classes and Seminars</i>
1. Introduction to Logic	1	500/5200	1	Ph.112-a
2. Introduction to Scientific Method	1	500/5210	1	Ph.100-101
3. History of Modern Philosophy, Bacon to Kant (two-year course)	1	500/5300	2 and 3	Ph.106-107a
4. The Rise of Modern Science, Copernicus to Newton	1	500/5240	2 and 3	Ph.109-a
5. Epistemology and Metaphysics	1	500/5310	2 and 3	Ph.108, Ph.111, Ph.125
6. Scientific Method	1	500/5230	2 and 3	Ph.102, Ph.104, Ph.111, Ph.126
7. <i>Either</i> Logic	1	500/5220	2	Ph.114-a, Ph.116
<i>or</i> Incompleteness and Undecidability	1	500/5222	2 and 3	Ph.115-a
8. <i>Either</i> an Essay of 5,000-7,500 words written during the course of study on a topic approved by the Philosophy Department	1	500/5398		—
<i>or</i> an Essay written under examination conditions on a Philosophical topic	1	500/5399		—

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 139.

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 | SA.109, SA.109(iii)a,
SA.110-a |
| 2. Economics and Statistics | Ec.101, SA.131a,
SM.202-a, SM.234 |
| 3. History of Social Policy in the 19th and 20th Centuries | SA.100-101a |

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. <i>Either</i> (a) Social Administration | Gv.150, SA.102-b |
| <i>or</i> (b) Public Administration ¹ | — |

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

¹Not available to students of the School.

*Lectures, Classes
and Seminars*

- | | |
|---|---------------------|
| *2. Social Economics | Ec.105, SA.131b |
| *3. Social Structure | SA.109(ii)a, So.120 |
| *4. Social Investigation | SA.115, SA.115b |
| 5. Social Policy | SA.103, SA.103b |
| 6. Social and Political Theory | SA.120, So.106 |
| 7. and 8. Two of the following, subject to the approval of the School and availability of the course concerned: | |
| (a) Educational Policy and Administration | SA.121-b |
| (b) Race Relations and Minority Groups | SA.122-b |
| (c) Personal Social Services | SA.123-b |
| (d) Social Policy of Developing Countries | SA.124 |
| (e) Housing and Urban Structure | SA.125-b |
| (f) Health Administration | SA.126-b |
| (g) Law and Social Policy | — |
| (h) Social Theory and Social Policy 1870-1918 | SA.127 |
| (i) General and Social Psychology | Ps.100, SA.116-117 |
| (j) The Family in Law and in Society | — |
| (k) Political Sociology | — |
| (l) Values and Society | — |
| (m) Urban and Regional Economics | — |
| (n) Parliament, Policy-making, and the Legislative Process | — |
| (o) British Social History in the 19th and 20th Centuries | — |
| (p) The Sociology of Medicine | — |
| (q) Sociology of Deviance and Control | SA.128, So.144 |
| (r) Population Studies | — |
| (s) Sociology of Sex and Gender Roles: Women in Society | So.141-a |
9. An essay of not more than 7,000 words to be submitted through the candidate's School or Institution by 31 January in the final year of the course. The topic of the essay must be approved by the candidate's teachers.

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

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 219).

INTERMEDIATE EXAMINATION

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

The examination consists of written papers in four subjects:

	<i>Lectures, Classes and Seminars</i>
Public Law	LL.100-a
Law of Contract	LL.101-a
Law of Property I	LL.102-a
English Legal System	LL.103-a, LL.104-a, LL.105a

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 following papers:

	<i>Lectures, Classes and Seminars</i>
Law of Tort	LL.106-a
and in	
Criminal Law	LL.107-a

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

	<i>Lectures, Classes and Seminars</i>
(i) Property II	LL.110-a
Law of Evidence	LL.111-a
Public International Law	LL.112-a
Conflict of Laws	LL.113-a
Mercantile Law	LL.114-a
Labour Law	LL.115-a
Domestic Relations	LL.116-a
Law of Business Associations	LL.117-a
Local Government Law (Essay)	LL.118-a
International Protection of Human Rights	LL.226
Basic Principles of the Soviet and Yugoslav Legal Systems	LL.120-a
Legislation (Essay)	LL.121
Introduction to the Anthropology of Law	LL.122-a
Introduction to European Law	LL.123-a
Legal and Social Change since 1750	LL.124-a
Housing Law	LL.125
Administrative Law	LL.126
Economic Analysis of Law	LL.127-a
Women and the Law	LL.128
Law Relating to Civil Liberties	LL.129
(ii) Sentencing and Treatment of Offenders	LL.140
Legal Services to the Community (Essay)	LL.143
Social Security Law I	LL.144
Social Security Law II	LL.145
Law of Landlord and Tenant (not if Housing Law is taken)	LL.146
Race, Nationality and the Law	LL.147
Sociological Theory and the Idea of Law	LL.148
Outlines of Modern Criminology	LL.141
Public Law and Economic Policy	LL.149
Health Care and the Law	LL.142

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available each year.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half subject by writing an essay of about 6,000-8,000 words on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned, a candidate may be permitted to offer, as one of the two subjects required under this regulation, a law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part I examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay will be required in that course to write an essay instead.

A candidate who passes courses to the value of three subjects and fails in the examination for the remaining courses may be referred in the paper(s) or essay(s) concerned: if he satisfies the examiners in the referred paper(s) or essay(s) at either of the two next following Part I examinations he is regarded as having passed the whole examination, otherwise he is required to take the whole of the Part I examination again.

A candidate who numbers an essay or essays amongst the courses in which he is referred will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who fails the Part I examination, including a failure in a course or courses examinable by means of an essay, will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who includes amongst the courses taken at the June Part I Examination a course or courses examinable by means of an essay and satisfies the Examiners in that course or courses yet fails the Examination as a whole, will be permitted to carry forward to the next Part I Examination the mark achieved in the course or courses concerned and will be required to be re-examined in the remaining courses.

An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in courses to the value of two or more subjects in June to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I examination.

The Part II examination is normally held once each year in May or June. A candidate is required to satisfy the examiners in:

	<i>Lectures, Classes and Seminars</i>
Jurisprudence	LL.108-a

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

	<i>Lectures, Classes and Seminars</i>
(i) Property II	LL.110-a
Law of Evidence	LL.111-a
Public International Law	LL.112-a
Conflict of Laws	LL.113-a
Mercantile Law	LL.114-a
Labour Law	LL.115-a
Domestic Relations	LL.116-a
Law of Business Associations	LL.117-a
Local Government Law (Essay)	LL.118-a
International Protection of Human Rights	LL.226
Basic Principles of the Soviet and Yugoslav Legal Systems	LL.120-a
Legislation (Essay)	LL.121
Introduction to the Anthropology of Law	LL.122-a
Introduction to European Law	LL.123-a
Legal and Social Change since 1750	LL.124-a
Housing Law	LL.125
Administrative Law	LL.126
Economic Analysis of Law	LL.127-a
Women and the Law	LL.128
Law Relating to Civil Liberties	LL.129
(ii) Sentencing and Treatment of Offenders	LL.140
Legal Services to the Community (Essay)	LL.143
Social Security Law I	LL.144
Social Security Law II	LL.145
Law of Landlord and Tenant (not if Housing Law is taken)	LL.146
Race, Nationality and the Law	LL.147
Sociological Theory and the Idea of Law	LL.148
Outlines of Modern Criminology	LL.141

*Lectures, Classes
and Seminars*

Public Law and Economic Policy
Health Care and the Law

LL.149
LL.142

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available every year. A candidate may not offer a course which he has previously offered in the Part I examination.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half-subject by writing an essay on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned a candidate may be permitted to offer, as one of the three subjects required under this regulation, a Law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part II examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay, will be required in that course, to write an essay instead. A candidate who offers an essay will not be permitted to offer the same essay at any succeeding examination.

The Examiners may, if they think fit, require any candidate at the Part II examination to present himself for an oral examination. An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

Degree of Bachelor of Laws with French Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Strasbourg, where the third year of the course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the examination for the Diplome d'études juridiques de Strasbourg, hereinafter called the Diploma.

Candidates are required to enter for examinations at the School by applying to the Examinations Office of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects:

1. Public Law
2. Law of Contract
3. Law of Property I
4. English Legal System

*Lectures, Classes
and Seminars*

LL.100-a
LL.101-a
LL.102-a
LL.103-a, LL.104-a,
LL.105a

In addition, each candidate is required to follow the first year of an approved course of instruction in French Language at the School.

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

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination consists of four written papers:

- | | |
|--|---|
| | <i>Lectures, Classes
and Seminars</i> |
| 1. Law of Tort | LL.106-a |
| 2. Criminal Law | LL.107-a |
| 3. French Civil Law (at King's College) unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below. | |
| 4. One of the following: | |
| (a) Introduction to European Law | LL.123-a |
| (b) The History of France Since 1870 | Ln.220-a |
| (c) The Politics and Government of France | Gv.163-a |

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

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the French Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of French language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

DIPLOMA

A candidate is eligible to present himself for the examination of the Diploma after having satisfactorily attended the prescribed course of study at the University of Strasbourg. The examination consists of courses to the value of three and a half subjects drawn from the following lists, which may be amended from time to time. Each candidate is required to follow the Introduction Générale to the course Droit Civil (Personnes, Familles, Capacité), whether or not the candidate elects to take this course.

WHOLE SUBJECT COURSES

Droit Civil (Personnes, Familles, Capacité)
Droit Civil (Obligations, Biens et Propriété)
Droit Constitutionnel et Institutions Politiques
Droit Administratif
Droit Commercial

HALF-SUBJECT COURSES

Droit Institutionnel Communautaire (this course may not be taken by a candidate who has followed the course Introduction to European Law in Part I)
Histoire des Idées Politiques jusqu'en 1789
Libertés Publiques
Histoire du Droit (Droit Privé ou Droit du Travail, Famille, Obligations)
Droit Privé Allemand
Introduction au Droit Comparé

A candidate who does not take or fails to pass the examination for the Diploma in circumstances certified by the authorities of the University of Strasbourg and regarded by the School as being equivalent to those which would have qualified him for the

award of an Aegrotat on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with French Law. Any other candidate who does not take or fails the examination will not be allowed to continue his course but may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Diplôme d'Etudes. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses. A candidate who has followed the half-subject course Droit Institutionnel Communautaire for the Diploma may not select Introduction to European Law.

Successful candidates are awarded *either* (a) First Class Honours, *or* (b) Second Class Honours, *or* (c) Third Class Honours, *or* (d) a Pass Degree. The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

B.A. Honours in History (Branch II: Mediaeval and Modern)

This is a University-based course, taught and examined inter-collegiately. School candidates for the degree belong to the Department of International History, a considerable part of whose teaching is directed towards the degree.

The following is only a summary: full details are given in the list of Syllabuses and Courses approved by the Board of Studies in History (the White Pamphlet), a copy of which is given to each student for the degree annually.

The examination will consist of eight papers, up to three of which may be taken in the penultimate session of the candidate's course of study with the permission of the School. Honours classes will be awarded on a range of nine marks, comprising the marks obtained in the eight papers together with a ninth mark in the form of a Departmental Assessment which will reflect the Department's estimate of a candidate's performance in the last two years of his course.

Examination papers

	<i>Lectures, Classes and Seminars...</i>
1-5. Five of the following papers, to include three at least from Groups A and B, of which one shall be from Group A, one from Group B, and the third from either Group.	
Groups A and B: <i>the School offers teaching for all of the papers</i>	
A1. British History down to the end of the 14th century. The paper will be divided into two sections. Candidates must answer at least one question from each section	Hy.110-111a
A2. British History from the beginning of the 15th century to the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically	Hy.110, Hy.112-a
A3. British History from the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically	Hy.110, Hy.113-a
B1. European History from 400 to 1200	Hy.115
B2. European History from 1200 to 1500	Hy.116
B3. European History from 1500 to 1800	Hy.118a, Hy.125
B4. European History from 1800	Hy.101, Hy.119, Hy.126

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

C1. History of Political Ideas. The paper will be divided into two sections:	Gv.100, Gv.102-b, Gv.104, Gv.106, Hy.100
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- (a) European
(b) South Asian

Section (a) will be further divided:

- (i) questions related to the recommended texts;
(ii) questions on the relations of European political ideas to their historical context.

Candidates must attempt at least one question from each of the subsections (a) (i) and (a) (ii).

The following papers may be selected only subject to the approval of the School:

- C2. Any one of papers A1-A3 in Branch IB, or of the first three papers in one of Branches III, IV, V and VII or of papers A1-A4 in

Lectures, Classes and Seminars

- 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
- C5. History of the British Empire and Commonwealth. The paper will be divided into three sections at 1783 and 1880. Candidates may select questions from any two or from all three sections.
- C6. History of Europe Overseas, 1492-1900
- C7. World History from the end of the 19th century Hy.121
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* Gv.169-a, Hy.126-130
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* EH.119, Hy.214-216

Special subjects will be examined by one three-hour paper normally including passages for comment prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more 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 typewritten. The method of examination to be adopted for any particular special subject in any year will be subject to approval by the University.

In addition to the above papers there is a language requirement. The School has to certify *either* that the candidate has taken a language test in one or more foreign languages *or* that the candidate has taken a course in a foreign language. This year it has been decided that all students at the School will be required to take a language course, further details of which will be given in the first week of the Michaelmas term (see also the *White Pamphlet*).

Advantages and Concessions in Professional Training Granted to Holders of First Degrees

ACCOUNTANCY

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a three-year period under a training contract with a firm of chartered accountants is necessary. Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's foundation examination. At the School, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance (provided economics is taken at Part I). Partial exemption may be given to graduates who have taken other courses which include law, economics or statistics.

Further information may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, P.O. Box 433, Chartered Accountants' Hall, Moorgate Place, London, EC2P 2BJ.

Institute of Chartered Accountants of Scotland

The 'approved degree' (see above) is recognised by the Institute of Chartered Accountants of Scotland as a preliminary qualification under their requirements.

Further information may be obtained from the Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh, EH2 1LA.

Institute of Chartered Accountants in Ireland

Certain exemptions are granted by the Institute to graduates.

Further information may be obtained from the Director of Education of the Institute, 7 Fitzwilliam Place, Dublin 2.

Association of Certified Accountants

Students of the Association are not obliged to serve under a training contract, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting department of a commercial or industrial company, in one of the nationalised industries, in national or local government or in the office of a practising accountant. The period of approved training for graduates is three years. Various exemptions are given from the Association's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Academic Services Department of the Association, 29 Lincoln's Inn Fields, London, WC2A 3EE.

Institute of Cost and Management Accountants

Students obtain their practical training in industry. Various exemptions are given from the Institute's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the 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.

Further information on all of the above is given in the pamphlet *Approved Courses for Accountancy Education*, obtainable from the Accounting Education Consultative Board, 11 Cophthall Avenue, London, EC2P 2BJ and also from the Assistant Registrar (Admissions) at the School.

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. A candidate seeking admission to the Bar must take the Bar Part II. From 1984 the Bar will normally require candidates for the Part II to have at least a second class honours degree in law or some other subject. A person who holds a degree in such subject other than law will have to take a one year course for the Common Professional Examination. Full details may be obtained from the Council of Legal Education, Gray's Inn Place, London, WC1R 5DX.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examinations. The period of articles for candidates who have taken a degree at an approved university is two years. Any first degree of the University of London qualifies for this purpose.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination (now called the Common Professional Examination) and may sit for Part II of the qualifying examination (now called the New Final) before entering into articles. Holders of degrees in subjects other than law may sit for both Parts of the Law Society's qualifying examination before entering into articles. Further details may be obtained from The Law Society, 113 Chancery Lane, London, WC2A 1PL.

ACTUARIAL PROFESSION

The School provides teaching over the full range of topics involved in academic preparation for an actuarial career (namely mathematics, statistics and economics as well as professional actuarial subjects). Students can be in touch with the Institute of Actuaries (whose offices are only a short walk from the School) during their course and can gain exemptions from the examinations of the Institute. The principle is that coverage of the corresponding subject within a degree course will result in exemption from the Institute of Actuaries paper, subject to appropriate performance in the degree examinations.

All six examinations at the first level (the A-examinations) of the Institute are covered by students taking the main field Actuarial Science in the B.Sc. degree. Within the B.Sc. (Econ.) complete coverage may be obtained by a suitable choice of options within the Special Subject Statistics. Further information may be obtained from the School or from the Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

The Graduate School and Regulations for Diplomas and Higher Degrees

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

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

In the session 1981/82, 2027 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University or for Diplomas, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts—advanced training and research.

For advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a University of London Master's degree by examination or a Diploma (see below). Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the extensive scale of tuition in the different subjects available at the School.

For research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Graduate students wishing to register for the University of London's research degrees will be expected as a general rule to have attained the level of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil., which involves a relatively short dissertation, or to the Ph.D., which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors, who at all stages will be responsible for advising them on the planning and execution of their research.

A separate handbook, *The Graduate School*, issued each session, is available. It contains a fuller description of facilities at the School for graduate students.

Postal enquiries about admission to the Graduate School should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Graduate School Admissions Office. Applications for October entrance must reach the School on the prescribed form, preferably by 1 February. As preliminary correspondence is often necessary, applicants are advised to make first enquiries well in advance.

Degrees

The degrees of the University of London for which graduate students may register at the London School of Economics are as follows:

- (a) Doctor of Philosophy (Ph.D.)
- (b) Master of Philosophy (M.Phil.)
- (c) Masters' Degrees:
 - Master of Arts (M.A.)
 - Master of Science (M.Sc.)
 - Master of Laws (LL.M.)

Diplomas

Students are registered in the Graduate School for all the Diplomas listed in pp.224–250.

Research Fee Registration

As indicated earlier the School accepts for registration students wishing to visit the School for short periods to undertake research or studies not leading to the award of a School or University qualification. Such students carry out their research under the guidance of a supervisor and may attend relevant lectures and seminars recommended by their supervisor. They may be allowed to take examinations, the results of which may be made available; certificates of attendance are available on request. Admission will depend upon the applicants' possessing academic qualifications which, in the opinion of the Graduate School Committee, are adequate for the course of study or research proposed; it will also depend upon places being available. Unless some other period is specified in the School's letter of acceptance, registrations under the Research Fee are valid for one session only and students so registered should apply to the Graduate School Office before the end of the session if they wish to be considered for re-registration for all or part of the following session.

The Higher Doctorates

The School does *not* register candidates for higher doctorates. Only London graduates are eligible to apply for these doctorates and all candidates interested should communicate directly with the Academic Registrar at the University of London, Senate House, London, WC1E 7HU.

External Higher Degrees

Only graduates of London University, either internal or external, may proceed to external higher degrees of the University; all arrangements for external degrees are made through the External Department, Senate House, Malet Street, London WC1E 7HU. It is most unusual for candidates for external higher degrees to be registered at the School, but occasionally arrangements may be made for such students to register at the School under the Research Fee arrangement (see above). Candidates so accepted must conform to the appropriate School and University Regulations and, while registered at the School must pay the same tuition fees as candidates registered for internal degrees.

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

Regulations for Higher Degrees of the University of London

The principal provisions of the University's Regulations, as they most commonly affect students at the School, are described below. In general, students deal with the University through the Graduate School Office (except in matters to do with the detailed arrangements for examinations for the University's degrees). However, it is the responsibility of all students registered for a degree of the University of London to acquaint themselves with the relevant Regulations of the University, a copy of which may be obtained from the Graduate School Office or from the University.

Qualifications for Admission to the Graduate School

The minimum qualifications required to establish eligibility for admission to a Diploma course are described in the Regulations for each Diploma (below).

The University of London lays down the following minimum entrance requirements for admission to its higher degrees:

- (a) A Second Class Honours degree of a UK university or of the C.N.A.A. or an overseas qualification of an equivalent standard obtained after a course of study extending over not less than three years in a university (or educational institution of university rank) in a subject appropriate to that of the course to be followed; or
- (b) A professional qualification obtained by written examination and approved by the University as an appropriate entrance qualification for the Master's degree course in question.

The School may consider for registration a candidate who possesses a degree, or overseas qualification of equivalent standard obtained after a course of study extending over not less than three years in a University (or educational institution of University rank), in a subject appropriate to that of the course to be followed *and* who, although he does not meet the normal entry standard defined in (a) above, yet by evidence of his background and experience satisfies the School as to his fitness to follow the course. Where such a candidate cannot present evidence that he possesses the necessary background and experience he may be considered by the School for registration, provided that the School so determines and provided also that he pursues the course for a period at least one year longer than the minimum period prescribed in the individual course regulations in order that he may, in the initial stages of that longer period attain the standard normally expected for registration.

The School may apply to the University for special consideration to be given to an applicant without the minimum qualifications who offers instead other qualifications obtained by written examination (this may be done in cases where the applicant has, for example, considerable work experience relevant to the proposed area of study).

N.B. There are many more applications than places available, and the School usually specifies conditions of admission over and above the minimum requirements. Possession of the minimum qualifications as defined above is not in itself accepted as evidence that applicants possess sufficient knowledge and training to study the subject at the standard proposed. Every application is considered on its merits, and applicants may be required to attend an additional course and/or to pass a qualifying examination before or during the course.

Registration, Attendance and Course of Study

1. It is essential that all students, while pursuing a course of study as internal students, should be prepared to attend personally for study at the School during the ordinary terms at such time or times as their supervising teachers may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.
2. If students do not register at the beginning of the session, serious administrative difficulties may be caused; students who register late will be required to pay a 'late registration fee'. If a candidate who has been offered admission for October fails to register at the School by 30 October, without adequate reasons and without informing the School in advance of his inability to register in time, the offer of admission will be automatically cancelled.
3. Students accepted by the School must be registered with the University as soon as they start their courses at the School. As part of this process, students must complete a registration form and return it to the Graduate School Office, where they must also show satisfactory *official* evidence of their qualifications.
4. The School must register students with the University not later than three months after the date on which the course is begun. Retrospective registration may be allowed in some circumstances, particularly where the student has already been registered in the Graduate School. There is no provision for retrospective registration for a taught Master's degree. Only in exceptional circumstances may retrospective registration

towards another degree be allowed for any period spent on a taught Master's degree.

5. Except with the special permission of the Academic Council of the University an internal student will not be permitted to register concurrently for more than one degree, diploma, or certificate, or for any combination of these awards of this University. Nor will any person be registered as an internal student of the University of London while registered as a student for the equivalent qualification of any other university or of the C.N.A.A., nor will any person, except with special permission of the Academic Council, be admitted as a candidate to any examination leading to an award of this University who has been admitted as a candidate for examination leading to the comparable award of another university or the C.N.A.A. unless that person has pursued at the two universities separate prescribed courses leading to the examination concerned. No student who is registered as an external or associate student of the University of London may be registered concurrently as an internal student of the University.

6. *Part-time registration* at the School is intended for those who, by reason of outside employment or other duties, must spread their course over a longer than normal period in order to be able to attend the relevant teaching and to complete the minimum course of study.

Before students are permitted to register part-time, they must supply adequate evidence as to the nature and hours of their employment or other outside commitments, which should normally amount to 15-20 hours per week in the London area, in term-time. It is not normally possible for overseas students to obtain admission to Britain to study on a part-time basis.

7. *Full-time students* may be permitted by the School, on the recommendation of their supervisors, to undertake a limited amount of *paid employment* relevant to their studies. It must be made clear, however, that continued registration at the School depends on satisfactory attendance and progress, and that full-time students should be primarily committed to their studies. If other commitments seriously affect their studies, their continued registration at the School might be jeopardized.

Grant-awarding bodies may have their own rules as to the amount of paid employment which may be undertaken by students holding their awards; the School will not permit award-holders to undertake paid employment in contravention of such rules.

8. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. Students upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before they enter for the degree examination (or submit a thesis). Students failing to pass this qualifying examination will not be permitted to re-enter for it without the permission of the School.

Regulations for Diplomas

Diploma in Accounting and Finance

The School offers a course for graduate students leading to a Diploma in Accounting and Finance. The course is primarily intended for graduates with first degrees specialising in subjects other than Accounting and Finance and persons holding approved professional qualifications in other specialisms. The Diploma is intended to furnish a basis for further graduate work in Accounting and Finance, as well as providing a foundation for a career qualification in accountancy or finance. In suitable cases it will be possible for a student to enrol for an M.Sc. in Accounting and Finance 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 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 Accounting and Finance 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 who have paid all fees owed to the School.
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 Accounting and Finance.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the Convener of the Department of Accounting and Finance.

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 the following five papers:

- | | <i>Lectures, Classes
and Seminars</i> |
|---|---|
| 1. Accounting and Finance I | Ac.104-105a |
| 2. <i>One</i> of the following: | |
| (a) Elements of Accounting and Finance | Ac.100-101a, Ac.103 |
| (b) Accounting and Finance II | Ac.102, Ac.106-a |
| 3, 4 and 5. <i>Three</i> of the following: | |
| (a) <i>One</i> of the following: | |
| (i) Economics A (<i>candidates will be expected to take A2</i>) | Ec.101-a |
| (ii) Economic Principles | Ec.111-a |
| (iii) Economics of Industry | Ec.132-a |
| (iv) Monetary Systems | Ec.141-142 |
| (b) <i>One</i> of the following: | |
| (i) Basic Statistics | SM.200-a |
| (ii) Economic Statistics | SM.230-a |
| (c) <i>One</i> of the following: | |
| (i) Basic Mathematics for Economists | Ec.103-a, SM.100-a |
| (ii) Elements of Management Mathematics | SM.313-a |
| (d) Commercial Law | LL.161-a |

- | | |
|--|---|
| (e) Industrial Relations | <i>Lectures, Classes
and Seminars</i>
Id.104-a |
| (f) Elements of Computer Science | SM.302-a, SM.305,
SM.311 |
| (g) Any other paper approved by the Convener of the Department of Accounting | — |

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take two or three papers at the end of the first year of their course and the remainder at the end of the final year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for 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 a candidate shall be required to reach in each paper a standard prescribed by them.
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. 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.

Diploma in Business Studies

The School offers a course for graduate students leading to a Diploma in Business Studies. The course is intended for graduates and for persons holding approved professional qualifications, or with substantial business experience. The Diploma is intended to furnish a basis for further graduate work in Business Studies as well as providing a foundation for a career qualification.

The programme for the Diploma is organised inter-departmentally. It is conducted under the general supervision of the Business Studies Committee. The membership of the Committee is as follows:

- One professor nominated by each of the following Departments: Accounting and Finance, Economics, Industrial Relations, Law, Statistical and Mathematical Sciences.
- The Dean of the Graduate School.
- A Chairman, appointed by the Director.

The Chairman is responsible to the Director, through the Committee, for the general organisation and running of the course.

Applications for admission to the course should be made on the prescribed form 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 Business 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 who have paid all fees owed to the School.
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 School, or possesses substantial business experience.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the School.

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 consist of four papers from the following:

	<i>Lectures, Classes and Seminars</i>
1, 2 and 3. <i>Three of the following:</i>	
(a) (i) Elements of Accounting and Finance <i>or</i>	Ac.100-101a, Ac.103
(ii) Another approved paper in Accounting and Finance	—
(b) (i) Economic Principles <i>or</i>	Ec.111-a
(ii) Another approved paper in Economics	—
(c) Commercial Law	LL.161-a
(d) (i) Industrial Relations <i>or</i>	Id.104&b
(ii) Organisation Theory and Practice	Id.107, Id.107b
4. <i>One of the following:</i>	
(a) (i) Basic Statistics <i>or</i>	SM.200-a
(ii) Elements of Management Mathematics <i>or</i>	SM.313-a
(iii) Another approved paper from the Department of Statistical and Mathematical Sciences	—
(b) An approved paper in Economic History	—
(c) Any other paper approved by the candidate's teachers	—

The choice of options is subject to the approval of the School, which may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

5. The examinations shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.

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. 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.

Diploma in Criminal Justice

The School offers a course for graduate students leading to a Diploma in Criminal Justice. The course is intended for graduates in law or the social sciences (or a combination of these) and for persons holding approved professional qualifications. The Diploma is intended to furnish an opportunity to such persons to broaden and

deepen their knowledge in this field and to build upon their previous practical experience. Preference will be given to the admission of those possessing an adequate training in law but other persons with suitable experience might be eligible for admission.

Applications for admission to the course should be made on the prescribed form 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 Criminal Justice, 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 who have paid all fees owed to the School.

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 School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the School.

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 examinations shall comprise three papers as follows:

1. Criminology
2. Sentencing and Treatment of Offenders
3. English Criminal Law

Exceptionally, with the approval of the School, candidates may be permitted to substitute for one of the papers listed above a paper on Comparative Criminal Law and Procedure, or any other appropriate paper for which teaching is offered at the School. A student may also, with the approval of his supervisor and at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for one of the above papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder (including the essay) at the end of the second year.

5. The examination shall be conducted by such members of staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.

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. 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.

Diploma in Econometrics

The School offers a course for graduate students leading to a Diploma in Econometrics. The course is designed mainly for graduates with first degrees specialising in subjects other than econometrics, but is also suitable for those who have taken econometrics as part of their first degree. Candidates holding other equivalent

qualifications may also be considered. The Diploma is intended to furnish a basis for further graduate work in econometrics as well as providing a foundation for a career qualification. Candidates who achieve distinction in the Diploma examination may be considered for admission to the one-year M.Sc. course in Econometrics.

Applications for admission to the course should be made on the prescribed form 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 Econometrics 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the Convener of the Department of Economics.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Convener of the Department of Economics.

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 as listed below, options being selected with the approval of the candidate's supervisors. Candidates would normally be required to take papers 3(a) and 4(a) as listed below unless a course of study in these subjects had already been satisfactorily completed.

	<i>Lectures, Classes and Seminars</i>
1. Quantitative Economics	Ec.116-120, Ec.123
2. Econometric Theory	SM.231-232a
3. <i>Either</i> (a) Principles of Economics Treated Mathematically	Ec.113-a
<i>or</i> (b) Any other approved paper	
4. <i>One</i> of the following:	
(a) Probability, Distribution Theory and Inference	SM.206-207a
(b) Mathematical Methods	SM.113-a
(c) Any other approved paper	
(d) With the approval of the teachers concerned, a course of study examinable by means of a project	

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for 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 them.

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. 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.

Diploma in Economics

The School offers a course for graduate students leading to a Diploma in Economics. The course is designed mainly for graduates with first degrees specialising in subjects other than economics, but is also suitable for those who have taken economics as part of their first degree; students who have specialised in economics in their first degree are not excluded. Candidates holding other equivalent qualifications may also be considered. The Diploma is intended to furnish a basis for further graduate work in economics as well as providing a foundation for a career qualification. Candidates who reach an appropriate standard in the Diploma examination may be considered for admission to the one-year M.Sc. course in Economics.

Applications for admission to the course should be made on the prescribed form 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 Economics 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 who have paid all fees owed to the School.

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 Economics.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Convener of the Department of Economics.

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 list below.

Note: A candidate who wishes subsequently to be considered for the M.Sc. in Economics at the School will normally be expected to choose the following options under 2, 3 and 4 below (in addition to Paper 1): *one* of the mathematics papers listed in (a), *one* of the statistics papers listed in (b), and *one* of (c), (f), (g), (h), (i), (m) or (p). (This requirement may be waived where the candidate can satisfy his supervisor that they have already reached the required standard in a particular paper or papers.)

	<i>Lectures, Classes and Seminars</i>
1. <i>One</i> of the following:	
(a) Economic Principles	Ec.111-a
(b) Principles of Economics Treated Mathematically	Ec.113-a
(c) Advanced Economic Analysis	Ec.131-a
2, 3 and 4. <i>Three</i> of the following:	
(a) <i>One</i> of the following:	
(i) Basic Mathematics for Economists	Ec.103-a, SM.100-a
(ii) Elementary Mathematical Methods	SM.102-a
(iii) Elements of Management Mathematics	SM.313-a
(b) <i>One</i> of the following:	
(i) Basic Statistics	SM.200-a
(ii) Economic Statistics	SM.230-a
(iii) Elementary Statistical Theory	SM.204-a
(iv) Econometric Methods	Ec.115-a

	<i>Lectures, Classes and Seminars</i>
(c) Introduction to Economic Policy	Ec.143-a
(d) Problem of Applied Economics	Ec.112-a
(e) Public Finance	Ec.137-138
(f) Monetary Systems	Ec.141-142
(g) Principles of Monetary Economics	Ec.139-140
(h) Labour Economics	Ec.136-a
(i) Economics of Industry	Ec.132-a
(j) Elements of Accounting and Finance	Ac.100-101a, Ac.103
(k) Theory of Business Decisions	Ec.134-a
(l) History of Economic Thought	Ec.130-a
(m) Economic Development	Ec.146-b
(n) Economic Institutions Compared	Ec.147-a
(o) Planning	Ec.148-a
(p) International Economics	Ec.145-a
(q) An approved paper in Economic History	—
(r) Any other paper inside or outside the Department of Economics approved by the candidate's teachers	—

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the academic Board and shall be eligible for 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 them.
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. 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.

Diplomas in Geography

The School offers a course leading to a Diploma in Economic Geography or a Diploma in Urban and Social Geography. The courses are intended for graduates with first degrees in subjects other than geography seeking an introduction to geographical studies as well as for those with degrees in geography requiring a revision or refresher course in modern geography. Candidates holding professional or other appropriate qualifications and experience may also be admitted.

The Diplomas will furnish a basis for further graduate work in geography and candidates who reach an appropriate standard may be considered for admission either to the one-year M.Sc. course in Geography or for a research degree in the subject.

Applications for admission to the courses should be made on the prescribed form 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 Economic Geography and a Diploma in Urban and Social Geography 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other appropriate qualification or experience approved for this purpose by the Convener of the Department of Geography.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Convener of the Geography Department.

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 papers on four subjects selected with the approval of the department from the list below. Candidates for the Diploma in Economic Geography are required to include at least *two* papers in that field (marked (E) in the list below); candidates for the Diploma in Urban and Social Geography are required to include at least *two* papers from the fields of urban and social geography (marked (U) in the list below).

	<i>Lectures, Classes and Seminars</i>
1. <i>One</i> of the following:	
(a) Theory and Techniques of Spatial Analysis	Gy.103-a
(b) Basic Economic Geography (E)	Gy.208-a
(c) Urban Geography (U)	Gy.210
(d) Social Geography: Spatial Change and Social Process (U)	Gy.209
(e) Man and his Physical Environment (E)	Gy.206-a
2, 3 and 4. <i>Three</i> of the following:	
(a) A further paper from (1) above	
(b) Urban and Regional Systems (U)	Gy.309-a
(c) Advanced Social Geography (U)	Gy.307-308
(d) Spatial Aspects of Economic Development (E)	Gy.304
(e) Advanced Economic Geography: Agriculture (E)	Gy.306-a
(f) Economics and Geography of Transport (E)	Ec.149-150, Ec.232
(g) Planning and its Geographical Impact (U)	Gy.310
(h) Environmental Management in Britain	Gy.311-312
(i) Environmental Evaluation and Planning in Transport (E)	Gy.313-a
(j) An approved regional study	Gy.220-221, Gy.223-225, Gy.322-324
(k) Any other subject approved by the candidate's teachers	

Part-time students may take one or two papers at the end of the first year of the course and the remainder at the end of the second year.

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

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. 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.

Diploma in International and Comparative Politics

The School offers a course for full-time or part-time students leading to a Diploma in International and Comparative Politics. The course is intended for graduates and men and women with approved professional experience are particularly welcome. It is intended to furnish a useful qualification to advance careers in government, finance and business, in which some knowledge of world politics and international issues of public policy would be an advantage. It could also provide a basis for further graduate work in international studies. The Diploma makes an effort to draw on the experiences of those on the course as well as those of academics and practitioners from outside the School to provide the student with the widest possible exposure to and understanding of contemporary world politics.

Applications for admission to the course should be made on the prescribed form 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 International and Comparative Politics 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 who have paid all fees owed to the School.

2. Admission to the prescribed course of study for the Diploma will be open to persons holding a university degree or with professional experience and qualifications approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma to be held in the Summer Term of each year, on dates to be determined by the School.

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 consist of four papers as follows:

	<i>Lectures, Classes and Seminars</i>
1. World Politics	IR.102-a, IR.174
2, 3 and 4. <i>Three</i> of the following:	
(a) The Politics of International Economic Relations	IR.137-a
(b) Strategic Studies	IR.138-a
(c) Foreign Policy Analysis	IR.105-107
(d) International Institutions	IR.108-a
(e) Modern Political Thought: A Study of European Political Thought since 1770	—
(f) History of British Politics in the Twentieth Century	Gv.152-a, Gv.207
(g) The Politics and Government of a Foreign Country (one of USA, USSR, France, Germany, African States)	Gv.162-167a, LL.164
(h) Any other subject approved by the candidate's teachers	

Part-time students may take two papers on completion of their first year and the remainder on completion of their final year.

5. The examination shall be conducted by such members of staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.

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. 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.

Diploma in International Law

The University of London awards a Diploma in International Law.

1. The course of study is open to:

(a) graduates of this or another university whose undergraduate courses and/or previous experience have included an approved preliminary training in Law

(b) students who, although not graduates, have satisfied the University that their previous education in law qualifies them to rank on the same level as graduates approved under the preceding paragraph.

Students are required to attend a course of study approved for the purpose by the University extending over not less than one session.

2. The examination will take place once in each year, beginning on or after 25 August.

Every candidate entering for an examination must submit a completed entry form not later than 1 May.

3. A candidate may obtain the Diploma in International Law, *either*

A. by passing an examination consisting of three papers in:

I. Public International Law and/or Conflict of Laws

or II. three of the International Law subjects which, for the time being, can be offered for the Master of Laws Examination. (There shall be one paper in each subject)

or III. with the permission of the University, one of the International Law subjects which, for the time being can be offered for the Master of Laws Examination.

or

B. by submitting a dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

Note: The subjects referred to under A. II and A. III above are, at present, the following:

(a) Comparative Conflict of Laws

(b) History of International Law

(c) Law of International Institutions

(d) Law of European Institutions

(e) Air and Space Law

(f) International Law of the Sea

(g) The International Law of Armed Conflict and the Use of Force

(h) International Economic Law

(i) Legal Aspects of Defence Studies

(j) Law of Treaties

(k) Methods and Sources of International Law

(l) European Community Law

The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation submitted by a candidate, though inadequate, is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

Statutes and other Documents in the Examination Room: Candidates will be permitted to take into the examination room and use such statutes and other documents as may from time to time be prescribed by the Board of Examiners. The Board will prescribe:

- (a) the papers for which statutes and other documents may be taken in and used, and
- (b) the statutes and other documents that may be taken in and used.

Candidates should note that personal annotation on statutes or other material permitted to be taken into the examination is forbidden.

A list of candidates who have satisfied the examiners at the written examination, arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A certificate to be called the 'Diploma in International Law', under the seal of the University, will be delivered to each successful candidate.

N.B. The School reserves the right to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Diploma in Law

The University of London awards a Diploma in Law.

1. The course of study is open to:

- (a) graduates of this or another university whose undergraduate courses and/or previous experience have included an approved preliminary training in Law
- (b) non-graduates whose previous education in law qualifies them to rank on the same level as graduates approved under the preceding paragraph.

Students are required to attend a course of study for the purpose by the University extending over not less than one session.

2. A candidate is required to submit a dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation, submitted by a candidate, though inadequate, is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation, typewritten or printed and bound in the prescribed fashion, and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

3. A list of candidates who have satisfied the examiners arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A certificate to be called the 'Diploma in Law', under the seal of the University, will be delivered to each successful candidate.

N.B. The School reserves the right to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Diploma in Logic and Scientific Method

The School offers a course for graduate students leading to a Diploma in Logic and Scientific Method.

Applications for admission to the course should be made on the prescribed form 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 Logic and Scientific Method 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 who have paid all fees owed to the School.

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 School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the School.

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 three of the following papers. (Candidates will normally be required to take papers (a) and (b).)

(a) Advanced Scientific Method	<i>Lectures, Classes and Seminars</i> Ph.100-102, Ph.111, Ph.120, Ph.122, Ph.127
(b) <i>Either</i> (i) Logic <i>or</i> (ii) Mathematical Logic	Ph.114, Ph.116 Ph.115-a
(c) Advanced Mathematical Logic	SM.127-128
(d) History of the Philosophy of Science	Ph.106-108, Ph.110
(e) Metaphysics and Epistemology	Ph.106-108, Ph.110-111
(f) Philosophy of Mathematics	Ph.116, Ph.123, Ph.128
(g) Growth of Modern Science	Ph.109, Ph.123
(h) Philosophy of the Social Sciences	Ph.100-101, Ph.104, Ph.124

The choice of options is subject to the approval of the School.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.
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. 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.

Diploma in Management Sciences

The School offers a course for graduate students leading to a Diploma in Management Sciences. The course is intended for graduates with first degrees including some study of quantitative subjects, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Operational Research, Statistics or Systems Analysis, as well as providing a career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Operational Research, Statistics, or Analysis, Design and Management of Information Systems 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 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 Management Sciences which shall be awarded to persons who, having completed the course of study presented by these regulations have satisfied the examiners in the examination for the Diploma and who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless he or she holds a university degree or other qualification approved for this purpose by the Convener of the Department of Statistical and Mathematical Sciences.
3. The prescribed course shall be one academic year for full-time students or two academic years for part-time students.
4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the Convener of the Department of Statistical and Mathematical Sciences.

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, drawn from at least three of the following groups:

	<i>Lectures, Classes and Seminars</i>
Group I	
(a) Operational Research Techniques and Simulation	SM.314-a, SM.317-a
(b) Mathematical Programming	SM.315-316a
(c) Operational Research Methods (<i>not to be taken if (a) or (b) is taken</i>)	SM.314-315a
Group II	
(a) Systems Analysis and Design	SM.308-310a
(b) Elements of Computer Science <i>or</i>	SM.302-a, SM.305-a, SM.311
(c) Computing Methods	SM.306-307

Lectures, Classes and Seminars

Group III	
(a) Statistical Techniques for Management Sciences	SM.210-213a
(b) Marketing and Market Research	SM.222
(c) Basic Statistics <i>or</i>	SM.200-a
(d) Elementary Statistical Theory	SM.204-a
Group IV	
(a) Basic Mathematics for Economists <i>or</i>	Ec.103-a, SM.100-a
(b) Elementary Mathematical Methods <i>or</i>	SM.102-a
(c) Mathematical Methods	SM.113-a
Group V	
(a) Elements of Accounting and Finance <i>or</i>	Ac.100-101a, Ac.103
(b) Economics A (<i>candidates will be expected to take A2</i>) <i>or</i>	Ec.101-a
(c) Economics B <i>or</i>	Ec.102-a
(d) Introduction to Mathematical Economics <i>or</i>	Ec.104-a
(e) Organization Theory and Practice	Id.107&b
(f) Computer Project (<i>only to be taken if papers II(a) and (b) are also taken</i>)	—

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes to go on to an M.Sc. in the Department will be expected to follow an appropriate course of study in the Diploma. For example, candidates for the M.Sc. in Analysis, Design and Management of Information Systems will normally be expected to offer papers II(a), II(b) and V(f).

These conditions may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.
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. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter the examination on one further occasion.

Diploma in Operational Research

The School offers a course for graduate students leading to a Diploma in Operational Research. The course is intended for graduates with first degrees including some study of quantitative subjects, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Operational Research, as well as providing a career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Operational Research 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 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 Operational Research 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 who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the Convener of the Department of Statistical and Mathematical Sciences.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the Convener of the Department of Statistical and Mathematical Sciences.

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 the following four papers:

	<i>Lectures, Classes and Seminars</i>
1. Operational Research Techniques and Simulation	SM.314-a, SM.317-a
2. Mathematical Programming	SM.315-316a
3 and 4. <i>Two of the following:</i>	
(a) <i>Either</i> (i) Elementary Statistical Theory	SM.204-a
or (ii) Basic Statistical Theory	SM.269-a
(b) <i>Either</i> (i) Elementary Mathematical Methods	SM.102-a
or (ii) Mathematical Methods	SM.113-a
(c) <i>Either</i> (i) Elements of Computer Science	SM.302-a, SM.305-a, SM.311
or (ii) Numerical Methods	SM.304-a, SM.312-a
or (iii) Computing Methods	SM.306-307
(d) Any other paper approved by the candidate's teachers	

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes subsequently to be considered for the M.Sc. in Operational Research will normally be expected to include papers (a) and (b) under 3 and 4 above in his or her selection. This condition may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.

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. 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.

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 organisations, which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department.

A separate leaflet on the Diploma, together with application forms, may be obtained from 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 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 and who have paid all fees owed to the School.
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 August each year (on dates to be determined by the School).
The examination shall comprise the following subjects:

	<i>Lectures, Classes and Seminars</i>
I. <i>Four</i> written papers as follows:	
1. Personnel Management	Id.200-201
2. Training and Development	Id.202
3. Industrial Relations and Law	Id.104, Id.211-212, LL.162
4. Organizational Analysis	Id.107, Id.210

- and*
- II. Personnel Information and Research Candidates are 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. Id.109, Id.203, Id.204

In the final assessment performance during the course and on the project is taken into account.

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 re-appointment 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, to present 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 to in one paper Regulation 7 shall apply to him.

Diploma in Social Philosophy

The School offers a course for graduate students leading to a Diploma in Social Philosophy.

Applications for admission to the course should be made on the prescribed form 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 Social Philosophy 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 who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the School.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
4. There shall be an examination for the Diploma, to be held in the Summer Term of each year, on dates to be determined by the School.

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 the following:

- | | |
|---|---|
| | <i>Lectures, Classes
and Seminars</i> |
| 1. Social Philosophy | Ph.103, Ph.121 |
| 2. Philosophy of the Social Sciences | Ph.100-101, Ph.104,
Ph.124 |
| 3. One of the following: | |
| (a) Logic | Ph.114, Ph.116 |
| (b) History of the Philosophy of Science | Ph.106-108, Ph.110 |
| (c) Metaphysics and Epistemology | Ph.106-108,
Ph.110-111 |
| (d) An approved paper in Social Anthropology or
Sociology or any other paper approved by the
candidate's teachers | |

The choice of options is subject to the approval of the School. Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not 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 them.

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. 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.

Diploma in Social Planning in Developing Countries

This course 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 students to stand outside the immediate circumstances of their own countries and to consider general questions about the methods and organisation of social development. They will be encouraged to examine the suitability of western countries' policies for their own countries' 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.

Applications for admission to the course should be sent 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 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 and who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless:—
 - (a) he holds a university degree or other qualifications 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:—

	<i>Lectures, Classes and Seminars</i>
(1) Social Policy and Planning in Developing Countries	Ec.242, SA.130, SA.170-171, SA.174-175
(2) and (3) <i>Two</i> of the following:	
(a) Problems of Health and Disease	SA.176
(b) Planning of Welfare Services	SA.177
(c) Rural Development	SA.178
(d) Social and Economic Aspects of the Housing System	SA.125, SA.179
(e) Social Implications of Education	Ec.250, SA.180

5. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate during the course.
6. The examiners may test any candidate by means of oral questions.
7. A mark of distinction shall be awarded to candidates who show exceptional merit.
8. 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 re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.
9. In order to satisfy the examiners in the examination a candidate shall be required to reach in each subject a standard prescribed by them.
10. 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.
11. 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.
12. 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.
13. 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 of the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Diploma in Social Policy and Administration

The School offers a course of study for full-time day students leading to a Diploma in Social Policy and Social Administration. There are two options within the diploma serving different purposes.

Option I is designed to give a broad general education in the social sciences. Students who wish to prepare themselves to work as professional social workers after this course of study normally proceed to a course of training leading to a professional qualification. The teaching 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 Economics and Social History, Economics, Psychology, Sociology and Social Policy and Administration.

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 interest students are advised to gain some experience outside London, and this may involve additional expense.

Option II is designed to give students, particularly from developed countries overseas, a course in British social policy though comparative material is used for illustration. The curriculum includes lectures and classes in the development of social policy, social structure and British Government as well as social policy and administration. Students taking Option II can, if they wish, take the field work as in Option I above as an integral part of the examination or part of it on an optional basis.

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.

Admissions for British applicants will be determined by interview and relevant documentary evidence. Application should normally be made by 1 March preceding the session for which admission is desired.

Graduates of overseas universities may be required to take an entrance examination, for which a fee is payable, and they may be called for interview; if necessary, arrangement 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.

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

Regulations

1. There shall be a Diploma in Social Policy and 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, where required, in the field work prescribed by these regulations, and who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a University or CNAAB degree or other qualifications obtained by written examination which is approved for this purpose by the School. The Department may apply to the School for special consideration to be given to a candidate who possesses a qualification obtained by written examination other than those listed above. Any such candidate will only be registered if the School is satisfied that their general education and professional training are of special relevance to the course.

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

4. There shall be an examination for the Diploma, to be held at the end of 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:

*Lectures, Classes
and Seminars*

Option I

Two papers, an essay, and assessment of field work as follows:

- | | |
|--------------------------------------|---|
| (1) Social Policy and Economics | Ec.105, SA.102,
SA.105-106a,
SA.111-112,
SA.130, SA.131c |
| (2) Social Structure and Psychology | Ps.100, Ps.101,
Ps.113-114,
SA.109-a(i),
SA.116. |
| (3) Social Policy and Administration | — |

An essay of not more than 5,000 words on a topic approved by the candidate's teachers. The essay shall be submitted to the Secretary of the Graduate School by a date to be determined by the Convener.

(4) Assessment of field work based on supervisor's reports: a candidate will be required to undertake twelve weeks' full-time field work normally in Britain during vacations as an integral part of the course. In the case of students resident in Britain six weeks of this shall normally be undertaken before the beginning of the course of study.

Option II

Three papers and either an essay or assessment of fieldwork as follows:

- | | |
|---|--------------------------------|
| (1) Social Policy | SA.106-a |
| (2) The Development of British Social Policy | SA.102 |
| (3) Social Structure and British Government | Gv.150, SA.109-a(i),
SA.129 |
| (4) <i>Either</i> An essay as under (3) in Option I
<i>or</i> Assessment of field work based on supervisor's reports as under (4) in Option I. | |

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

5. 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 re-appointment 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 them; provided that if a candidate fails in one paper but reaches the prescribed standard in each other paper, the examiners may, at their discretion and if they do not consider their failure to be serious, declare them 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.

7. A candidate may offer on not more than two subsequent occasions a paper in which they have been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of these occasions they are successful in attaining the prescribed standard in that paper they shall be treated as having then satisfied the examiners in the whole examination.

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
- (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 they have 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 they completed the examination, the candidate would clearly have reached a standard which would have qualified them 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 or the second normally more than four academic years later than the occasion of the candidate's failure. If they are on either of those occasions referred in one paper, Regulation 7 shall apply to them.

11. A candidate who re-enters for the Diploma examination may not re-submit an essay which they have previously submitted for examination.

12. Each candidate for the Diploma taking Option I (or if taking Option II electing to take fieldwork) in regulation 4 above shall be required to submit to the Convener of the department before the date on which they satisfy the examiners in the examination, or not later than two calendar years (or such further period as the Convener of the department may in any particular case permit) after that date, evidence to the satisfaction of the Convener of the department of their having completed field work of such nature and such duration as may be prescribed by the Convener of the department.

Diploma in Social Psychology

The School offers a course for graduate students leading to a Diploma in Social Psychology. The course is intended for graduates with first degrees which contain some

psychology, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Social Psychology, or as an additional career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Psychology 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 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 Social Psychology 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 who have paid all fees owed to the School.

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 Social Psychology.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma to be held in the Summer Term of each year on dates to be determined by the Convener of the Department of Social Psychology.

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 the following:

	<i>Lectures, Classes and Seminars</i>
1. Methods of Psychological Research II: Social and Statistical	Ps.108-a
2 and 3. Two papers from the following:	
(a) Personality and Social Behaviour	Ps.106-a, Ps.113
(b) Cognitive Psychology	Ps.109-a
(c) Advanced Study of Psychological Processes	Ps.115-a
(d) Social Change and Social Organisations	Ps.116-a
(e) Communication and Attitude Change	Ps.120, Ps.150
(f) Child Development and Socialisation	Ps.118
(g) Personality	Ps.119
(h) Groups and Group Functioning	Ps.155
(i) Social Psychology of Conflict	Ps.156
(j) Groups and Interpersonal Behaviour	Ps.157
(k) The Psychological Study of Social Issues	Ps.159
4. An essay, research report or a paper approved by the Convener	

The choice of papers is subject to the approval of the Convener, who may also permit alternative papers to be offered.

Note: Not all the papers listed under 2 and 3 above will be available in every year.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School.

6. In order to satisfy the examiners in the examination a candidate shall be required

to reach in each paper a standard prescribed by them.

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. 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.

Diploma in Sociology

The School offers a course for graduate students leading to a Diploma in Sociology. The course is intended for graduates and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Sociology as well as providing a foundation for a career qualification.

Applications for admission to the course should be made on the prescribed form 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 Sociology 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

4. There shall be an examination for the Diploma to be held in the Summer Term of each year, on dates determined by the School.

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 consist of four papers, as follows:

	<i>Lectures, Classes and Seminars</i>
(1) Methods of Social Investigation	SA.115, So.102-103, So.152, SM.202-a So.106-a, So.150
(2) Sociological Theory	So.104-a, So.150
(3) Comparative Social Structures I: (Complex Pre-industrial Societies)	So.105-a, So.150
(4) Comparative Social Structures II: (Industrial Societies)	So.105-a, So.150

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. A student may, at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for Comparative Social Structures I.

7. Candidates must attain a pass in each paper to gain the Diploma.
8. A mark of distinction may be awarded to candidates who show exceptional merit, and such a performance (normally at least two Upper Second marks) will qualify a candidate to proceed to the M.Sc. in Sociology.
9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter the examination on one further occasion.

Diploma in Statistics

The School offers a 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. Candidates holding other equivalent qualifications may also be considered. 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. General 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 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 and who have paid all fees owed to the School.

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 one academic year for full-time students, or two academic years for part-time students.

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:

- (a) Basic Statistical Theory
- (b) Statistical Methods and Inference

*Lectures, Classes
and Seminars*
SM.269-a
SM.207-a, SM.215-a,
SM.269-a

- (c) *Either* (i) Elementary Mathematical Methods
or (ii) Mathematical Methods
- (d) Social Statistics and Survey Methodology
- (e) Statistical Demography
- (f) Operational Research Methods
- (g) *Either* (i) Econometric Theory
or (ii) Econometric Methods
- (h) *One* of the following:
 - (i) Elements of Computer Science
 - (ii) Numerical Methods
 - (iii) Any other paper approved by the candidate's teachers.

*Lectures, Classes
and Seminars*

SM.102-a
SM.113-a
SM.214-216a,
SM.234, SM.265
Pn.107-b
SM.314-315a
SM.231-232a
Ec.115-a
SM.302-a, SM.305-a
SM.311
SM.312-a

A candidate may not offer a paper in which he has been examined at first degree level or its equivalent.

A candidate will normally be expected to include papers (a) and (c) 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 (b) 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.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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 re-appointment 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.

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 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 and who have paid all fees owed to the School.
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.

1. Computers in Information Processing Systems

*Lectures, Classes
and Seminars*
SM.364,
SM.369-370a
SM.360-361a

2. Advanced Systems Analysis

- 3 and 4. *Two* of the following, to be chosen subject to the advice and approval of the supervisor:

- (a) Elements of Management Mathematics
- (b) Operational Research I

SM.313-a
SM.350-351a,
SM.353-a,
SM.357-358

- (c) Organisational Theory and Practice
- (d) A report of not more than 6,000 words on an approved project to be submitted in September

Id.104, Id.107-a

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 re-appointment 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 the examination on one further occasion.

Note: Candidates should collect their forms for the examination from the Graduate School Office early in January and return them to the Office, duly completed by 1 February.

The Master's Degrees—M.Sc., LL.M., M.A.

The University of London Master's degree is intended for award mainly on the result of written examinations after a course of study beyond first-degree level. In addition to written papers, students are required, in some subjects, to submit essays or reports on practical work, written during the course of study.

The Course of Study

The course of study for a full-time student will extend over not less than *one* academic or *one* calendar year, according to subject; but students whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to extend the course over *two* years and to pass a qualifying examination not less than one year before entering for the degree examination. If they fail to pass this qualifying examination they will not be allowed to re-enter for it without the permission of the School. No candidate will be admitted to the School to follow the course of study for a taught Master's degree except at the beginning of the session, i.e. in October.

A student who has been admitted to the School as a part-time student will be required to extend the course over *two* academic or *two* calendar years or longer if necessary.

Details of the various courses offered at the School for the University of London's Master's degrees are contained in pp.252-280. **N.B.** Where the regulations for a course indicate that special permission is required for a student to take a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study, and the Graduate School Office must be informed if permission is given.

A student registered for a taught Master's degree may, with the permission and recommendation of the supervisor, apply to proceed to a research degree instead. On registering for the research degree the Master's degree registration will lapse. Only in exceptional circumstances may any period of time spent on the Master's degree count towards the prescribed period of registration for the research degree.

A candidate who fails in the examination will not normally be re-admitted to the School, but, under University regulations, may re-enter for the examination once more without being registered at the School.

Examination Arrangements

Entry for Examination

Examination entry forms should be collected from the Graduate School Office at the appropriate time. They should be completed according to the instructions supplied and returned to the Graduate School Office promptly by 12 January for June examinations (this also applies to candidates for September examinations who are to sit papers examined in June) and by 12 April for September examinations, so that the forms can be sent on to the University by the closing date (1 February and 1 May respectively).

Entry forms for *re-entry* to examinations will not be issued to candidates no longer registered at the School unless they ask for them at the appropriate time (mid-December for June examinations, late March for September examinations). Candidates are bound by the Regulations in force at the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations.

Withdrawal from Examinations

Students who have entered for an examination and who wish to withdraw should inform the Graduate School Office as soon as possible, and should ask for advice as to

their position if they should wish at some later date to re-enter for the examination. Generally speaking, students should notify the University of withdrawal from an examination *at least a week before* it begins, if that entry is not to be counted for the purposes of calculating liability for fees on re-entry and the number of occasions on which the student may re-enter. University Regulations also require students to have satisfied the examiners within two years of completion of the course, if they are to be awarded the degree; however, this period may be extended at the School's discretion.

Illness at the Examination

Candidates who are prevented owing to illness or other cause judged sufficient by the Academic Council of the University (such as death of a near relative) from completing at the normal time the examination for which they have entered may

- (a) enter the examination on the next occasion when the examination is held, or, at the discretion of the examiners
- (b) be set a special examination in those elements of the examination missed as soon as possible after that date and be permitted to submit any work prescribed (e.g. report) at a date to be specified by the University.

Applications on behalf of such candidates must be made by the School, be accompanied by a medical certificate and must reach the Academic Registrar at the University within seven days from the last day of the examination. Such applicants should, therefore, contact the Secretary of the Graduate School *immediately* if they are prevented from sitting any examination paper(s).

Notification of Results

After the examiners have reached a decision, every candidate will be notified by the Academic Registrar of the University of the result of the examination.

The result of the examination is given for the examination as a whole. Results are not published for the individual components of an examination, and no marks or grades are awarded, other than a mark of Distinction to candidates showing exceptional merit in the examination.

A Diploma under the Seal of the University shall be subsequently delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of a degree to a candidate owing fees to the School.

M.Sc. in the Faculty of Economics

Accounting and Finance

Duration of Course of Study

Full-time: One academic year (or one calendar year if an option examined in September is chosen).

Part-time: At least two academic years (or two calendar years if an option examined in September is chosen).

Examination

Students will be examined on four courses or three courses and an essay or report as listed below. The examination for courses marked with an asterisk may comprise two two-hour papers.

	<i>Lectures, Classes and Seminars</i>
1. Advanced Accounting and Finance I	Ac.155-a
2. Advanced Accounting and Finance II	Ac.156-a
3 and 4. <i>Two</i> of the following selected with the approval of the candidate's teachers:	
(a) Advanced Accounting and Finance III*	Ac.105-a, Ac.108-a,
(b) Advanced Accounting and Finance IV*	Ac.157-161, EH.144

(c) Economics of Industry	<i>Lectures, Classes and Seminars</i> Ec.238, Ec.240-a
(d) Public Finance	Ec.236-239, LL.231
(e) <i>Either</i> (i) Operational Research I	SM.350-351a, SM.353-a, SM.357-358
<i>or</i> (ii) Advanced Mathematical Programming	SM.353-356
(f) <i>Either</i> (i) Computing and Data Processing	SM.302-a, SM.305-a, SM.362-a
<i>or</i> (ii) Advanced Systems Analysis	SM.360-361a, SM.363-a
(g) Industrial Organization	Id.107-a
(h) A paper from another course for the M.Sc. in the Faculty of Economics	—
(i) An essay or report of not more than 10,000 words	Ac.162

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay or report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June (except that a paper taken under (h) above will be examined at the time that course is examined).
Essay/report	By 1 June.

Analysis, Design and Management of Information Systems

Duration of Course of Study

Full-time: One or two calendar years, depending on the candidate's entry qualifications.

Part-time: At least two calendar years, depending on the candidate's entry qualifications.

Examination

I Three written papers as follows:

	<i>Lectures, Classes and Seminars</i>
1. Advanced Systems Analysis	SM.360-361a, SM.363-a
2. Computers in Information Processing Systems	SM.364, SM.369-370a
3. <i>One</i> of the following selected with the approval of the candidate's teachers:	
(a) Advanced Econometric Theory I	Ec.315-316, SM.257
(b) Mathematical Methods in Urban Planning	Gy.309, SM.367, SM.371-372
(c) Operational Research I	SM.350-351a, SM.353-a, SM.357-358
(d) Industrial Organization	Id.107-a, Id.104 <i>or</i> Id.114
(e) Accounting for Non-Specialists	Ac.100-101a, Ac.103
(f) Management Mathematics	SM.313-a
(g) Manpower Planning	Id.111-112a
(h) Basic Statistical Theory	SM.269-a
(i) Any other subject approved by the candidate's teachers	

and

II A report of not more than 10,000 words on a project selected with approval of the candidate's teachers.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part of the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Report By 15 September

Demography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

I Three written papers as follows:

- | | <i>Lectures, Classes
and Seminars</i> |
|--|---|
| 1. Analytic Demography | Pn.151-152,
Pn.155-156a |
| 2. Applied Demography | Pn.153-158a |
| 3. Social and Economic Demography | Pn.150-a, Pn.160-161 |
| This paper will include a special study of a topic to be selected from | |
| (a) Third World Demography | Pn.104-b |
| (b) The Demographic Transition and the Modern Western World | Pn.103-b |
| (c) The Population History of England | Pn.102-b |
| (d) Family Composition, Kin and the Life Cycle | Pn.106-b |
| (e) Migration | Pn.105-a |

and

II A dissertation of not more than 10,000 words on a topic approved by the candidate's teachers.

Dates of Examination

Written papers June
Dissertation 15 September

Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Four written papers as follows:

- | | <i>Lectures, Classes
and Seminars</i> |
|--|---|
| 1. Economic Theory I | Ec.210-211a,
Ec.214-215 |
| 2. Economic Theory II | Ec.210-213 |
| 3. <i>Either</i> (a) Methods of Economic Investigation I | Ec.210-211a, Ec.216-a |
| <i>or</i> (b) Methods of Economic Investigation II | Ec.117,
SM.232-a |

Lectures, Classes and Seminars

4. *One* of the following:
- | | |
|--|-------------------------------|
| (a) Advanced Economic Theory I: Theory of Economic Growth | Ec.219 |
| (b) Advanced Economic Theory II: Linear Economic Models | — |
| (c) Advanced Economic Theory III: Theory of Investment Planning | Ec.220 |
| (d) History of Economic Thought | Ec.130, Ec.221 |
| (e) International Economics | Ec.222-224a |
| (f) Theory of Optimal Decisions | Ec.135, Ec.226 |
| (g) Labour Economics | Ec.227-a, Ec.451 |
| (h) Monetary Economics | Ec.228-229 |
| (i) Economics of Public Enterprise | — |
| (j) Economics of Transport | Ec.150, Ec.231-235,
SM.371 |
| (k) Public Finance | Ec.236-239, LL.231 |
| (l) Economics of Industry | Ec.238, Ec.240-a |
| (m) The Economics of Less Developed Countries and of their Development | Ec.146, Ec.242-244 |
| (n) Agricultural Economics | — |
| (o) Soviet Economic Development | Ec.245-246,
Ec.248-249 |
| (p) Theory and Implementation of Detailed Planning | Ec.245-249 |
| (q) Economics of Education and Human Capital | Ec.227, Ec.250, Ec.451 |
| (r) Urban Economics | — |
| (s) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis | Ec.253-254 |
| (t) Environmental Economics | — |
| (u) Economic Inequality | Ec.258-259 |
| (v) The Economics of Technological Change and Long-Term Growth | Ec.260-263 |
| (w) Any other field of Economics approved by the candidate's teachers | — |

In exceptional circumstances, a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper in the subject selected under 4 or a paper in a second subject under 4.

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter the first part and to enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June

Econometrics and Mathematical Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Four written papers or, subject to the approval of the candidate's teachers, three written papers and an essay or report as follows:

1. <i>Either</i> (a) Advanced Quantitative Economics I or (b) Advanced Quantitative Economics II	Ec.302-304
2, 3 and 4. <i>Three</i> of the following selected with the approval of the candidate's teachers.	
(a) Advanced Quantitative Economics I (if not taken under 1)	Ec.302-304
(b) Advanced Quantitative Economics II (if not taken under 1)	
(c) Advanced Econometric Theory I	Ec.315-318, Ec.320-323, SM.257
(d) Advanced Econometric Theory II (only available to candidates selecting paper Advanced Econometric Theory I)	Ec.315-318, Ec.320-323, SM.258
(e) Advanced Mathematical Economics I	Ec.219, Ec.305-309, SM.125-126
(f) Advanced Mathematical Economics II	Ec.219, Ec.310-314
(g) <i>Either</i> (i) Advanced Mathematical Programming or (ii) Applied Abstract Analysis	SM.353-356 SM.122
(h) Any other subject approved by the candidate's teachers	—
(i) An essay or report of not more than 10,000 words	—

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and if on that occasion the examination is failed to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay/Report	1 June

Economic History

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows:

	<i>Lectures, Classes and Seminars</i>
1. The Sources and Historiography of Economic History in one of the following:	
(a) England 1350-1500	EH.132
(b) England in the Seventeenth Century	EH.133
(c) Britain from the later Eighteenth Century	EH.134
(d) U.S.A. 1890-1929	EH.106, EH.136
2. and 3. <i>Two</i> of the following:	
(a) A second paper under 1 (above)	—
(b) A paper on a specified period in the Economic History of Great Britain or the U.S.A.	—
(c) <i>One</i> of the following:	
(i) Evolution of Early Technology to c. 1650	—
(ii) The Emergence of Modern Technology c. 1650-1850	—
(iii) Technology in the Modern Era	—
(d) Regional Problems in the United States	Gy.416

	<i>Lectures, Classes and Seminars</i>
(e) History of Economic Thought	Ec.130, Ec.221
(f) The Regulation of the Economy by Government in the U.S.A.	Gv.232
(g) British Labour History	EH.130
(h) The Population of the United States of America from Colonial Times to the Present	EH.140
(i) Aspects of Latin American Economic History since Independence (a reading knowledge of Spanish or Portuguese is desirable)	EH.142
(j) The History of Transport from the Turnpike to the Motorway	EH.131
(k) In exceptional circumstances and subject to the approval of the department, a second paper under 2 and 3(b) above, provided that one or two papers is on the Economic History of the U.S.A.	

and

II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to the period chosen under 1

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	September (except that papers 2 and 3 (c), (e), (f), (h), and (i) will be taken in June)
Report	1 September

European Studies

Additional Entry Qualifications

Applicants should possess a knowledge of at least one European language other than English.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

	<i>Lectures, Classes and Seminars</i>
I. Three written papers as follows:	
1. and 2. <i>Two</i> of the following:	
(a) European History since 1945	Hy.129, Hy.241
(b) The Politics of Western European Institutions	IR.122, IR.161-162
(c) The Economic Organisation of the European Economic Community (not to be taken with paper 3(e))	Ec.255-257
3. <i>One</i> of the following:	
(a) A paper from 1 and 2 not already taken	—
(b) The Politics and Government of an Approved European Country	Gv.163, Gv.167-168, Gv.206, Gv.225, Gv.235
(c) The Political Geography of Western Europe	—
(d) The International Politics of Western Europe	IR.155, IR.162

- | | |
|--|------------------|
| (e) The Economics of European Integration (not to be taken with paper 1 and 2 (c)) | — |
| (f) The Law of European Economic and Monetary Transactions | LL.218 |
| (g) The Law of Western European Institutions | LL.123-a, LL.214 |

and

- II. An essay of not more than 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

Dates of Examination

Written papers	June
Essay	15 September

All students admitted for this course are required to take a test at the beginning of January to check on their progress. According to the results of this test, they may be advised, in extreme cases, to withdraw from the course, or, possibly, to take two years over the course. Candidates are not expected to 'pass' the test as if it were an end-of-course examination, but are advised to be aware of the fact that the test is regarded as an indication of progress.

Geography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

- | | |
|---|---------------------------------------|
| I. Three written papers as follows: | <i>Lectures, Classes and Seminars</i> |
| 1. Geographical Concepts and Methods | Gy.400-401, Gy.407 |
| 2. Research Techniques and Design | Gy.402-407 |
| 3. One of the following: | |
| (a) Social Change and Urban Growth | Gy.410 |
| (b) Regional Policy and Planning | Gy.411 |
| (c) Natural Resources Management and Environmental Planning | Gy.312, Gy.412 |
| (d) Spatial Aspects of Change in Economic Activity | Gy.413 |
| (e) Geography of Transport Planning | Gy.313, Gy.414 |
| (f) Any other subject of comparable range in the field of Geography, or one related thereto, approved by the candidate's teachers | — |

and

- II. A report of not more than 10,000 words on an approved topic.

and

- III. Assessment of written work submitted during the course.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 September

Industrial Relations and Personnel Management

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

- | | |
|--|---------------------------------------|
| I. Three written papers as listed below: | <i>Lectures, Classes and Seminars</i> |
| 1. <i>Either</i> (a) Industrial Relations and Personnel Management: Institutions and Processes | Id.102, Id.102b |
| <i>or</i> (b) Industrial Relations: Theory and Comparative Systems | Id.100-101a |
| 2. and 3. <i>Two</i> of the following: | |
| (a) A paper from 1 not already taken | |
| (b) Industrial Organisation | Id.106, Id.108, Id.114 |
| (c) Industrial Psychology | Id.114-a |
| (d) Industrial Sociology | Id.106 |
| (e) Labour Law | Id.115, LL.162 |
| (f) Labour Market Analysis | Id.109, Id.111-112a |
| (g) Labour History | EH.130, Id.118 |
| (h) Manpower Planning | Id.111-112a |
| (i) Accounting for Non-Specialists | Ac.100-101a, Ac.103 |
| (j) Economics of Industry | Ec.240-a |
| (k) Systems Analysis | SM.309, SM.360, SM.362-363a |

and

- II. A report of not more than 10,000 words on an approved subject.

and

- III. Assessment of essays written during the course

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, and will be taken after the completion of the appropriate courses. The second part will consist of the remaining paper and the report will be taken in the final year of the course.

Dates of Examination

Written papers	June
Report	1 September

International History

Additional Entry Qualifications

A knowledge of at least one European language in addition to English is advised and, for some courses, is essential.

Curriculum

1. One of the following general periods, including a knowledge of its sources and historiography:
- | | |
|--|----------------------------------|
| (a) 1688-1740 | } Courses by special arrangement |
| (b) 1740-1789 | |
| (c) 1789-1815 (not at present available) | |
| (d) 1815-1870 | |
| (e) 1870-1914 | |
| (f) 1914-1946 | |
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period

- under section 1:
 (a) 1500-1815
 (b) 1815-1919
 (c) 1919-1946

3. A special aspect to be studied with the appropriate period under section 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles. This aspect will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers

Courses by special arrangement.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

1. Three written papers
 and
 2. An essay of not more than 10,000 words as a topic within the field of the period selected.

Dates of Examination

Written papers June
 Essay Not later than 30 September

International Relations

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

1. Three written papers as follows:
 1. International Politics
 2. and 3. Two of the following, to be chosen with the approval of the candidate's teachers:

- (a) Foreign Policy Analysis
- (b) International Institutions
- (c) European Institutions
- (d) International Theory
- (e) The Politics of International Economic Relations
- (f) The International Legal Order
- (g) Strategic Studies
- (h) International Politics: The Western Powers
- (i) International Politics: The Communist Powers
- (j) International Politics: Asia and the Pacific
- (k) International Politics: Africa and the Middle East
- (l) International Business in the International System
- (m) Marxism and International Relations
- (n) Concepts and Methods in International Relations
- (o) International Law and Organizations in Latin America

Lectures, Classes and Seminars

IR.104, IR.152
 IR.105-107, IR.118, IR.153
 IR.160
 IR.122-123, IR.161-162, LL.123-a, LL.214
 —
 IR.124, IR.137, IR.166
 IR.135, IR.169
 IR.138, IR.141, IR.170, IR.172
 IR.105, IR.155, IR.162
 IR.105, IR.116, IR.156
 IR.105, IR.118-119, IR.157
 Gv. 162, IR.105, IR.118, IR.120-121, IR.158-159
 IR.124, IR.137, IR.168
 —
 IR.104, IR.164
 IR.173

- (p) The Politics of Money in the World Economy
 - (q) Nationalism
 - (r) Any other subject of comparable range in the field of International Relations, or one related thereto approved by the candidate's teachers
- II. An essay of not more than 10,000 words on an approved topic

Lectures, Classes and Seminars
 IR.125, IR.167
 So.133, So.169

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Dates of Examination

Written papers June
 Essay 1 June

All students admitted for this course, will be required to take a test at the beginning of October, to help their tutors advise them on course work and reading, especially in International Politics.

Logic and Scientific Method

Duration of Course of Study

Full-time: One academic or one calendar year depending on the Scheme of Examination.
Part-time: Two academic or two calendar years depending on the Scheme of Examination.

Examination

- I. Three written papers selected with the approval of the candidate's teachers as follows (candidates are normally required to take papers (a) and (b)):

(a) Advanced Scientific Method	<i>Lectures, Classes and Seminars</i> Ph.100-102, Ph.111, Ph.120, Ph.122, Ph.127
(b) <i>Either</i> (i) Logic or (ii) Mathematical Logic	Ph.114, Ph.116 Ph.115-a
(c) Advanced Mathematical Logic	SM.127-128
(d) History of the Philosophy of Science	Ph.106-108, Ph.110
(e) Metaphysics and Epistemology	Ph.106-108, Ph.110-111
(f) Philosophy of Mathematics	Ph.116, Ph.123, Ph.128
(g) Growth of Modern Science	Ph.109, Ph.123
(h) Philosophy of the Social Sciences	Ph.100-101, Ph.104, Ph.124

and

- II. An essay of not more than 10,000 words on a topic falling within the field of any of the papers

Exceptionally candidates may be examined by four written papers selected with the approval of their teachers from the list given above (candidates will normally be required to take papers (a) and (b)).

Dates of Examination

Written papers June
 Essay 15 September

Operational Research

Additional Entry Qualifications

A knowledge of mathematics and statistics to the level of Algebra and Methods of Analysis and Elementary Statistical Theory as Part I of the B.Sc. (Econ.). A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

I Four written papers or three written papers and a report on an approved subject selected with the approval of the candidate's teachers from *either* Option A *or* Option B; all candidates will take paper 1.

Lectures, Classes and Seminars

Option A: Mathematical Techniques of Operational Research

- | | |
|---|---|
| 1. Fundamentals of Operational Research | Ac.104-a, Ec.249, Ps.158, SM.350-351a, SM.353-a, SM.357-358, SM.365-366, SM.374-375 |
| 2. Advanced Mathematical Programming | SM.353-356 |
| 3. Advanced Operational Research Techniques | SM.251-a, SM.352-a, SM.356-a, SM.368-a |
| 4. <i>One</i> paper from: | |
| (a) Basic Statistical Theory | SM.269-a |
| (b) Probability, Stochastic Processes and Distribution Theory | SM.250-251 |
| (c) Advanced Systems Analysis | SM.360-361a, SM.363-a |
| (d) Games, Decisions and Gambling | SM.120-121 |
| (e) Education and Manpower Planning | Ec.227, Ec.250, SM.260-a, SM.265-a |
| (f) Mathematical Methods in Urban Planning | Gy.309, SM.367, SM.371-372 |
| (g) Social Planning | SA.152 |
| (h) Transport Studies | Ec.150, SM.356-a, SM.371, SM.373, SM.376 |
| (i) Any other subject approved by the candidate's teachers. | — |

Option B: Operational Research in Public Planning

- | | |
|--|---|
| 1. Fundamentals of Operational Research | Ac.104-a, Ec.249, Ps.158, SM.350-351a, SM.353-a, SM.357-358, SM.365-366, SM.374-375 |
| 2. and 3. <i>Two</i> papers from | |
| (a) Education and Manpower Planning | Ec.227, Ec.250, SM.260-a, SM.265-a |
| (b) Mathematical Methods in Urban Planning | Gy.309, SM.367, SM.371-372 |
| (c) Social Planning | SA.152 |
| (d) Transport Studies | Ec.150, SM.356-a, SM.371, SM.373, SM.376 |

Lectures, Classes and Seminars

- | | |
|---|--|
| 4. <i>One</i> paper from: | |
| (a) A further paper selected from papers 2 and 3 | |
| (b) Advanced Mathematical Programming | SM.353-356 |
| (c) Advanced Operational Research Techniques | SM.251-a, SM.352-a, SM.356-a, SM.368-a |
| (d) Games, Decisions and Gambling | SM.120-121 |
| (e) Basic Statistical Theory | SM.269-a |
| (f) Probability, Stochastic Processes and Distribution Theory | SM.250-251 |
| (g) Advanced Systems Analysis | SM.360-361a, SM.363-a |
| (h) Any other subject approved by the candidate's teachers. | — |

and

- II An assessment of course work

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of the compulsory paper "Fundamentals of Operational Research", and will be taken after completion of the course for that paper. The second part will consist of the remaining three papers (or two papers and a report) and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	June

Politics 1 — History of Political Thought

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Four written papers:

1. Nature and Scope of Intellectual History
2. Critical Problems in the History of Political Thought
3. Set Text (Candidates will choose *one* of a list of specified authors)
4. Essay paper

} Subject to the advice of the Student's Supervisor

Dates of Examination

Written papers	September
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Politics 2—The Politics and Government of the U.K.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Either Four written papers

or Three written papers and an essay written during the course

- 1, 2 and 3. *Three* of the following:
 - (a) The State in Britain
 - (b) Interpretations of the Constitution
 - (c) The History of British Politics in the Twentieth Century
 - (d) Modern British Political Ideas
4. *Either* (a) An essay paper to be written under examination

} Subject to the advice of the Student's Supervisor

conditions; candidates will be given a choice of essay titles drawn from work covered during the course of study

Or (b) (by arrangement) An essay of not more than 10,000 words, written on any approved topic during the course of study

Candidates may, subject to the approval of their teachers, substitute any other paper which is offered for the M.Sc., LL.M., or M.A., for one of the papers listed under 1, 2 and 3 above. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September
Essay 15 September

Politics 3—Political Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

- I. Three written papers
1. Theories and Concepts of Political Sociology
2. Revolutions and Social Movements
3. The Study of Political Behaviour

Lectures, Classes and Seminars

Gv.210, So.130
Gv.210-211, So.131
Gv.153(ii), Gv.210, Ps.120

and

- II An essay of about 15,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September
Essay 1 August

Politics 4a—The Politics and Government of Russia

Additional Entry Qualifications

An ability to read political texts in Russian. If this is lacking a two-year course, involving intensive study of the Russian language in the first year, will be necessary.

Duration of Course of Study

Full-time: At least one calendar year, depending on the student's knowledge of Russian.

Part-time: At least two calendar years, depending on the student's knowledge of Russian.

Lectures, Classes and Seminars

Examination

- 1, 2 and 3. *Three* of the following:
(a) Russian Political Institutions—1861-1917
(b) Russian Political Thought—1815-1980
(c) The Development of the Soviet Polity
(d) Soviet Political Institutions

Gv.166, Gv.227-228
Gv.166, Gv.227-228
Gv.227-228, LL.164
Gv.165-166, Gv.227-228

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study

Dates of Examination

Written papers September
Essay 15 September

Politics 4b—The Politics and Government of Russia (without Russian Language)

Curriculum

Set texts will be studied in translation

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Lectures, Classes and Seminars

Examination

1, 2 and 3. *Three* of the following:

- (a) Russian Political Institutions—1861-1917 Gv.166, Gv.227-228
(b) Russian Political Thought—1815-1980 Gv.166, Gv.227-228
(c) The Development of the Soviet Polity Gv.227-228, LL.164
(d) Soviet Political Institutions Gv.165, Gv.227-228

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study.

Dates of Examination

Written papers September
Essay 15 September

Politics 5—Comparative Government

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Lectures, Classes and Seminars

Examination

I. Three written papers

1. Comparative Government Gv.209
2. and 3. *Two* of the following papers:
(a) Government and Politics of the USSR Gv.165-166, Gv.227-228
(b) France—The Growth of Presidential Government Gv.163, Gv.225
(c) Germany—The Growth of Parliamentary Government Gv.167, Gv.235
(d) Government and Politics of a selected African country Gv.162, Gv.230-231
(e) The Regulation of the Economy by Government in the U.S.A. Gv.232
(f) Government and Politics of Scandinavia Gv.168-a
(g) Government and Politics of Eastern Europe Gv.227
(h) Government and Politics of Latin America Gv.170, Gv.238

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September (June for papers 2(b), (c), (d), (e), (f), (g) and (h))

Essay

and, if appropriate, the substituted paper referred to above)
15 September

Politics 6—Public Administration and Public Policy

Duration of Course of Study

Full-time: One calendar year. Part-time: Two calendar years.

Examination

I. Three written papers:

1. Comparative Administrative Systems

2. Public Policy and Planning

3. One of the following:

(a) Comparative Local Government

(b) Comparative Public Enterprise

(c) Administration and Government in New and Emergent States

(d) Administration in Regional and Urban Planning

Lectures, Classes
and Seminars

Gv.154, Gv.156, Gv.216,
Gv.219, Gv.222-224,
Gv.240

Gv.156, Gv.212-214,
Gv.216, Gv.219,
Gv.222-224

Gv.157-159

Gv.220-221

Gv.230-231

Gv.159, Gv.212-214,
Gv.217-218

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed under I above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

In exceptional circumstances, a candidate may be allowed, subject to the supervisor's approval, to substitute a second optional paper from 3 above, or from the M.Sc. in Social Policy and Planning or from any other paper which is offered for the M.Sc. in Politics, for one of the papers 1 or 2 above.

Dates of Examination

Written papers

June

Essay

1 September

Politics 7—The Politics and Government of Western Europe

Duration of Course of Study

Full-time: One calendar year. Part-time: Two calendar years.

Examination

I. Three written papers

1. The Politics and Government of Western Europe

2. One of the following:

(a) Germany: the Growth of Parliamentary Government

(b) France: the Growth of Presidential Government

(c) Government and Politics of Scandinavia

3. Either another paper from 2 above or one of the following:

(a) European Multiparty Systems

Lectures, Classes
and Seminars

Gv.226, Gv.237, Gv.241

Gv.167, Gv.235

Gv.163, Gv.225

Gv.168-a

Gv.234

(b) French Public Administration and Local Government

(c) German National Socialism

(d) European History Since 1945

(e) The Politics of Western European Institutions

(f) The International Politics of Western Europe

Lectures, Classes
and Seminars

Gv.236

Hy.129, Hy.241

IR.122, IR.161

IR.155, IR.162

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers

June

Essay

15 September

Politics 8—Politics and Government in Africa

Duration of Course of Study

Full-time: One calendar year. Part-time: Two calendar years.

Examination

I. Three written papers

1. African Government and Politics

2. International Politics in Africa

3. The Government and Politics of a Selected African State

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study.

Lectures, Classes
and Seminars

Gv.162, Gv.230-231,
Gv.242

Gv.242, IR.120, IR.158

Gv.242

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers

June

Essay

15 September

Politics 9—Political Philosophy

Duration of Course of Study

Full-time: One calendar year. Part-time: Two calendar years.

Examination

Either Three written papers and an essay written during the course
or Four written papers

1. Greek Political Philosophy: The Concept of Justice

Gv.203

2. Modern Political Philosophy: Freedom and Equality

Gv.204

3. Set Text (candidates will choose one of a list of specified authors)

Gv.105

4. An essay of not more than 10,000 words, written on an approved topic during the course of study.

Lectures, Classes
and Seminars

Candidates may, subject to the approval of their supervisors, substitute for paper 3 above or for the essay any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates for the course under which it is listed.

Dates of Examination

Written papers September
 Essay 15 September

Regional and Urban Planning Studies

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

*Lectures, Classes
 and Seminars*

Examination

I. Three written papers as follows:

- | | |
|--|--|
| 1. The Economics of Regional and Urban Planning | Ec.101, Ec.235,
Ec.400-401, Gy.450,
Gy.452 |
| 2. Administration in Regional and Urban Planning | Gy.450, Gy.452, Gv.159,
Gv.212-213,
Gv.217-218, SA.125 |
| 3. Geographical Aspects of Regional and Urban Planning | Gy.310, Gy.312, Gy.412,
Gy.450-452, Gy.454 |

and

- II. *Either* 1. An essay of not more than 10,000 words on an approved topic
or 2. A report of not more than 10,000 words on practical exercises carried out during the course

and

- III. Candidates must also satisfy the examiners that they have achieved a sufficient level of attainment in statistics

Dates of Examination

Written papers June
 Essay/report 15 September

Sea-Use Law, Economics and Policy-Making

This course is designed in the first instance for civil servants, naval officers and others concerned with problems of policy-making, legislation, policing and management of the 200-mile economic zones established offshore as a result of the proceedings of the Third United Nations Conference on the Law of the Sea. Other students with appropriate qualifications and interests may also be admitted.

Duration of Course of Study

Full-time: One calendar year.

Examination

I. Three written papers as follows:

1. Marine Science, Resources and Technology
2. and 3. *Two* papers from:
 - (a) International Law of the Sea
 - (b) National and International Problems in Sea-Use Policy-Making
 - (c) Economics
 - (d) Financial Reporting and Management

and

- II. An essay of not more than 10,000 words on an approved topic.

Dates of Examination

Written papers June
 Essay September

All students on this course will be required to spend two weeks at the University Marine Biology Research Laboratory.

Social Administration and Social Work Studies

1. Social Policy and Planning

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

*Lectures, Classes
 and Seminars*

Examination

I. Three written papers as follows:

- | | |
|--|-------------------------------|
| 1. <i>Either</i> (a) Social Planning | SA.106, SA.130,
SA.152-153 |
| <i>or</i> (b) Social Policy and Administration | SA.106, SA.151, SA.153 |

2. and 3. *Two* of the following:

- | | |
|--|----------------|
| (a) A paper from 1 not already taken | |
| (b) Planning of Health Services | SA.126, SA.154 |
| (c) Income Maintenance and Social Security Policies | SA.155 |
| (d) Planning of Personal Social Services | SA.123, SA.156 |
| (e) Housing and Urban Planning | SA.125, SA.157 |
| (f) Education Policies and Administration | SA.158 |
| (g) (With the consent of the candidate's teachers) a paper from any other M.Sc. course in the Faculty of Economics | |

and

- II. A report of not more than 10,000 words on a topic approved by the candidate's teachers

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June
 Report 20 June

2. Social Work Studies

Additional Entry Qualifications

Field work experience in a social work agency; candidates must also satisfy the selectors as to their personal suitability for social work.

Duration of Course of Study

Full-time: One calendar year.

Examination

I. Three written papers as follows:

1. Social Work Studies
2. Social Problems and Social Services

3. Mental Health and Mental Disorder
and

- II. Assessment of field work based on supervisors' reports and an essay dealing with an aspect of this work approved by the candidate's teachers.

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as required by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers June
Essay 1 September

3. Social Policy and Social Work Studies

Duration of Course of Study

Full-time: Two calendar years.

Examination

- I. Three written papers as follows:
1. Theories and Practice of Social Work
 2. Psychology, Human Growth and Behaviour
 3. Social Policy and Administration
- and
- II. Assessment of fieldwork based on supervisors' reports and a report of not more than 10,000 words dealing with an aspect of this work approved by the candidate's teachers

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as directed by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers June
Report 1 September

Social Anthropology

Duration of Course of Study

Full-time: One calendar year. *Pari-time:* At least two calendar years.

*Lectures, Classes
and Seminars*

Examination

- I. Three written papers as follows:
1. General Principles of Social and Cultural Anthropology An.100, An.200, An.303
 2. Political and Economic Institutions An.201
 3. Magic and Religion An.303
- and
- II. An essay of not more than 10,000 words on an approved topic within one of the following fields:
- (a) Ethnography of a Region with Special Reference to Selected Peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered) An.301
 - (b) Applied Social Anthropology An.304
 - (c) Social Change in Developing Societies An.304
 - (d) Social Anthropological Studies of Sectors of Complex Modern Societies An.304

*Lectures, Classes
and Seminars*
An.302, Ln.100

- (e) Anthropological Linguistics
- (f) Primitive Technology
- (g) Primitive Art
- (h) Islamic Societies and Cultures
- (i) Any other topic approved by the candidate's teachers.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Essay 15 September

Social Philosophy

Duration of Course of Study

Full-time: One academic or calendar year, depending on the Scheme of Examination.
Pari-time: Two academic or calendar years, depending on the Scheme of Examination.

*Lectures, Classes
and Seminars*

Examination

- I. Three written papers selected with the approval of the candidate's teachers as follows (Paper 3 (d) is not available to candidates who do not possess a first degree in philosophy or equivalent training in philosophy):
1. Social Philosophy Ph.103, Ph.121
 2. Philosophy of the Social Sciences Ph.100-101, Ph.104, Ph.124
 3. *One* of the following:
(a) Logic Ph.114, Ph.116
(b) History of the Philosophy of Science Ph.106-108, Ph.110
(c) Metaphysics and Epistemology Ph.106-108, Ph.110-111
(d) A paper in Social Anthropology or Sociology, or a paper from any other course for the M.Sc. in the Faculty of Economics
- and
- II. An essay of not more than 10,000 words, normally on a topic falling within the field of papers 1 and 2

Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above. Exceptionally, candidates may be permitted to substitute for the essay a further paper listed under 3 above.

Dates of Examination

Written papers June (candidates taking under 3 (d) a paper which is normally examined in September will sit that paper in September.)
Essay 15 September

Social Planning in Developing Countries

Additional Entry Qualification

Several years' practical experience in relevant work.

Duration of Course of Study
Full-time: One calendar year.

Examination

- I. Three written papers as follows:
 1. Social Policy and Planning in Developing Countries
 2. and 3. *Two* of the following:
 (a) Planning Health Development
 (b) Planning Welfare Services and Social Security
 (c) Social and Economic Aspects of Urbanization
 (d) Rural Development
 (e) Social Implications of Education and Manpower
 (f) An approved paper from another branch of M.Sc. study

Lectures, Classes and Seminars

- SA.172-173, SA.175
 SA.126, SA.154, SA.176
 SA.177
 SA.125, SA.179
 SA.178
 Ec.250, Ec.451, SA.180

and

- II. An essay of not more than 10,000 words on an approved topic

Dates of Examination

- Written papers June
 Essay 8 September

Social Psychology

Curriculum

Each student selects three options from those listed below. In addition the curriculum will include Social Psychological Methods of Research, which will consist of three sections: (a) a report on an approved project, (b) research assignments and designs and (c) weekly statistical exercises and a statistics test.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

- I. Three written papers selected from the following:
 (a) Child Development and Socialisation
 (b) Language, Thought and Communication
 (c) Groups and Group Functioning
 (d) Social Psychology of Organisations
 (e) Social Psychology of Conflict
 (f) Communication and Attitude Change
 (g) The Psychological Study of Social Issues
 (h) Person Perception
 (i) Personality
 (j) Selected Issues in Social Psychology
 (k) Inter-Personal Behaviour
 (l) Decision Making and Decision Analysis
 (m) Psychological Aspects of Legal Processes
 (n) With the consent of the candidate's teachers, a paper from any other M.Sc. course in the Faculty of Economics.

Lectures, Classes and Seminars

- Ps.118
 Ps.160
 Ps.155
 Ps.153
 Ps.156
 Ps.120, Ps.150
 Ps.159
 —
 Ps.154
 —
 Ps.157
 —

and

- II. A report of not more than 8,000 words on a project approved by the candidate's teachers.

and

- III. Assessment of course work in the form of research assignments and designs, weekly statistical exercises and a statistics test and an approved programme of essays written during the course.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of *either* (a) two written papers *or* (b) one written paper and the report and assessment of those parts of the course work already completed, *or* (c) one written paper and assessment of those parts of the course work already completed. It will be taken after completion of the appropriate courses. The second part will consist of the remaining parts of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

- Written papers June
 Report 30 June, or two weeks after the date of the last written paper, whichever is the latest (in the relevant year for students taking the part-time course who are submitting the report in partial fulfilment of the first part of the examination).

Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Lectures, Classes and Seminars

Examination

- I. Three papers as follows:
 1. Methods of Sociological Study So.160-161
 2. and 3. *Two* of the following:
 (a) Social Structure of Industrial Societies So.162
 (b) Sociology of Development So.132, So.163, So.131
 or So.133
 (c) Sociology of Deviant Behaviour So.165
 (d) Sociology of Religion So.166
 (e) Industrial Sociology Id.106
 (f) Race Relations So.167
 (g) *Either* (i) Theories and Concepts of Political
 Sociology —
 or (ii) Political Stability and Change So.131, So.168
 (h) Medical Sociology SA.154
 (i) Sociological Theory So.106, So.170
 (j) Nationalism So.133, So.169

and

- II. An essay of not more than 10,000 words on an approved topic

In exceptional circumstances, and subject to the approval of their teachers, candidates may substitute for paper 1 a further paper from 2 and 3 above. A paper from any other course for the M.Sc. in the Faculty of Economics may, with the approval of the teachers concerned, be substituted for one paper taken under 2 and 3. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which the paper is listed.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

- Written papers June
 Essay 15 September

Sociology and Statistics

Additional Entry Qualifications

A candidate who wishes to take a combination of subjects for which, given the candidate's previous qualifications, one year's work is likely, in the view of the teachers concerned, to be inadequate, may be permitted to take the course over two years, the first year of which would be devoted wholly or partly to preliminary courses in appropriate subjects, followed by a qualifying examination before admission to the second year.

Duration of Course of Study

Full-time: One calendar year or two calendar years (*see above*).

Examination

I. Three written papers as follows selected with the approval of the candidate's teachers:

	<i>Lectures, Classes and Seminars</i>
1. and 2. <i>Two</i> from the following:	
(a) Probability, Stochastic Processes and Distribution Theory	SM.250-251
(b) Statistical Methodology and Inference	SM.254-258
(c) Basic Statistical Theory	SM.269-a
(d) Advanced Social Statistics and Model Building	SM.251, SM.259-261a
(e) Survey Theory and Methods	SM.256, SM.262-a, SM.264
(f) In exceptional cases a paper from another M.Sc. course in the Faculty of Economics may be substituted for one of the above papers	—
3. <i>One</i> of the following	
(a) Social Structure of Industrial Societies	So.162
(b) Sociology of Development	So.132, So.163, So.131 or So.133
(c) Sociology of Deviant Behaviour	So.165
(d) Sociology of Religion	So.166
(e) Industrial Sociology	Id.106
(f) Race Relations	So.167
(g) <i>Either</i> (i) Theories and Concepts of Political Sociology	—
or (ii) Political Stability and Change	So.131, So.168
(h) Sociological Theory	So.106, So.170
(i) Nationalism	So.133, So.169

and

II. A report of not more than 10,000 words on a subject to be approved by the candidate's teachers falling within the range of options in paper 3 but excluding the field chosen for the written paper. The report must demonstrate the candidate's ability to apply quantitative methods to an appropriate field within Sociology.

Dates of Examination

Written papers	June
Report	15 September

Statistics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

I. Three papers selected with the approval of the candidate's teachers from the following list:

	<i>Lectures, Classes and Seminars</i>
(a) Probability, Stochastic Processes and Distribution Theory	SM.250-251

	<i>Lectures, Classes and Seminars</i>
(b) Statistical Methodology and Inference	SM.254-258
(c) Advanced Social Statistics and Model Building (Not to be taken with paper (g))	SM.251, SM.259-261a
(d) Advanced Econometric Theory I	Ec.315-316, SM.257
(e) Advanced Mathematical Programming	SM.353-356
(f) Survey Theory and Methods	SM.256, SM.262-a, SM.264
(g) Education and Manpower Planning (Not to be taken with paper (c))	Ec.227, Ec.250, SM.260-a, SM.265-a
(h) Mathematics (by special arrangement only)	
(i) Demographic Techniques and Analysis (by special arrangement only)	
(j) Any other topic approved by the candidate's teachers	

and

II. A report on a project done during the course and a record of associated practical work

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the course may be permitted by the School to re-enter for the first part and enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	1 June

M.Sc. in the Faculty of Science

Mathematics

Additional Entry Qualifications

A candidate for registration will normally be expected to have obtained a B.Sc. with First or Second Class honours of the University of London, or an equivalent qualification, with Mathematics (or an appropriate branch of Mathematics) as a main field of study. In certain cases, qualifications in other subjects may be acceptable, for example, a First or Second Class Honours degree in Physics or Astronomy.

Curriculum

- Candidates are required to follow a number of lecture courses and to work on a project. The project shall be approved by the student's Head of Department on behalf of the University. It need not be connected with any of the courses taken.
- The combination of courses to be offered by a student for examination must be approved by the University through the student's Head of Department. The courses may not overlap in any important respect and together must form a coherent curriculum.
- A candidate may enter for the examination only in examinable courses listed in the booklets entitled 'Advanced and Postgraduate Lectures in Pure Mathematics', and 'Advanced and Postgraduate lectures in Applied Mathematics' (a copy of which may be obtained from the Secretary of the Graduate School). The School's contribution is chiefly in the areas of Mathematical Logic and Operational Research.
- The detailed regulations on the numbers of courses to be taken are available for inspection in the Graduate School Office.

Duration of Course of Study

For a suitably qualified student, not less than one calendar year of full-time study or not less than

two years of part-time study. If a qualifying examination is prescribed, the prescribed period of study for the M.Sc. will only commence after the student has satisfied the qualifying conditions. In some cases candidates may be registered for a course of two calendar years of full-time study with a qualifying examination of the standard described above at the end of the first year.

Examination

Each course is examined separately and the examination is normally by a written paper. Candidates are required to submit a report based on their project. The examiners may hold an oral examination.

A student following a part-time course may *either* (a) on completion of his course enter for the examination *or* (b) enter on two occasions (at the end of appropriate academic years) for examination on any of the approved courses completed, provided that the total number of courses examined is the same as is required for the whole examination. Under (b) the first examination shall consist of at most 2 course-units, including at least 1/2 course-unit at the postgraduate level.

Dates of Examination

Course examinations: the last week of May and the month of June.
Report: by 10 September.

M.A. in the Faculty of Arts International History

The course will extend over one academic year, or in the case of part-time students over two academic years.

The Examination will consist of three papers and a dissertation.

Examiners may also take into account any seminar papers prepared by a candidate during the course.

Candidates will not be permitted to submit the dissertation unless they have satisfied the examiners in the three written papers.

A knowledge of at least one European language in addition to English is advisable, and for certain courses, will be essential. The requisite language or choice of languages is listed in brackets after every topic under 3.

1. One of the following general periods, including a knowledge of its sources and historiography:
 - (a) 1688-1740
 - (b) 1740-1789
 - (c) 1789-1815 (not at present available)
 - (d) 1815-1870
 - (e) 1870-1914
 - (f) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under Paper 1:
 - (a) 1500-1815
 - (b) 1815-1919
 - (c) 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:
 - (a) The Anglo-French Entente, 1723-1740 (French)
 - (b) Enlightened Despotism in the Later Eighteenth Century (French or German)
 - (c) The Polish Question in International Relations, 1815-1864 (French, German or Polish)
 - (d) Diplomacy by Conference, 1814-1833 (French)
 - (e) The Mehemet Ali Crises, 1833-1841 (French)
 - (f) Anglo-American Relations, 1815-1872
 - (g) Britain and the Triple Alliance, 1887-1902 (French or German)
 - (h) The Coming of War, 1913-1914 (French or German)
 - (i) The Powers and the West Pacific, 1911-1922 (French)
 - (j) The Peace Settlement of 1919-1921 (French)

- (k) The Foreign Policy of the Weimar Republic, 1919-1933 (German)
- (l) The Military Policies of the Great Powers, 1919-1939 (French or German)
- (m) The Comintern and its Enemies, 1919-1943
- (n) The Period of 'Appeasement', 1937-1939 (French, German or Italian)
- (o) The European Settlement, 1944-1946 (French)

4. Dissertation, of not more than 10,000 words.

Dates of Examination	Full-time	Part-time
Written papers	June	June of the final year
Dissertation	By 30 September of the same year	By 30 September of the same year

Area Studies

The School co-operates in the teaching for certain branches of the M.A. Area Studies degree offered by the University of London. 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.

Curriculum

Full details of the curriculum are available from the School responsible for each branch of the degree.

Duration of Course of Study

Full-time: One academic year for candidates offering four written papers. One calendar year for candidates offering three written papers and a dissertation.

Part-time: Two academic years for candidates offering four written papers. Two calendar years for candidates offering three written papers and a dissertation.

Examination

For all programmes other than European Community Studies (1) *either* two papers *or* one paper and a dissertation of 10,000 words on a major subject and (2) *either* two papers on a minor subject *or* one paper in each of two minor subjects. For the Africa and Far East programmes the examination will also include an assessment of course work.

For the programme in European Community Studies: three written papers and a dissertation of 10,000 words.

Candidates registered for the part-time course will be required to pass in all written papers taken in any one year before proceeding.

All candidates who fail the written papers will normally be required to be accepted for and to complete a further course of study before re-entering the examination.

Candidates offering a dissertation will not be permitted to proceed to its submission unless they have satisfied the examiners in the three written papers.

Dates of Examination	Full-time	Part-time
Written papers	June	June of the year in which each major and minor subject has been taken
Dissertation	Before 30 September of the same year	Before 30 September of the final year

LL.M. in the Faculty of Laws

Additional Entry Qualifications

A first degree with a substantial law content.

Duration of Course of Study

Full-time: A period of twelve months commencing in October.

Part-time: A period of twenty-four months commencing in October.

Curriculum

Candidates must offer four of the subjects listed below, or with the leave of the School three of the subjects listed below and an essay written during the course of study of an approved legal topic.

In place of one of the subjects listed below a candidate may exceptionally be permitted (with the permission of the School) to select a complementary subject of equivalent level examined by means of written papers from any other Master's course in the University. Any subject so selected must be submitted for approval to the University, normally *early in the first term* of the session in which the candidate is first registered. The examination in the substituted subject will take place at the time specified in the regulations for the course under which that paper is listed. **N.B.** Candidates permitted to select a complementary subject from another Master's degree may not also submit an essay in place of one of the four written papers.

Examination

Either written papers on each of the four subjects selected,
or with the leave of the School

- 1 a written paper on each of the three subjects selected;
and 2 an essay of not more than 15,000 words on a legal topic approved by the School and notified to the University. The essay must provide evidence of original work or a capacity for critical analysis. The title of the essay must be notified to the University by the last day of February in the year in which the candidate presents himself for examination. The essay must be submitted in duplicate in typescript;
and 3 an oral examination (unless the examiners otherwise determine).

Questions may be set on recent legislation and current proposals for law reform within the scope of the syllabus.

Statutes and other materials may not be brought into the examination room except in accordance with the following regulations:

candidates are permitted to take into the examination

- (1) a Queen's Printer copy of any statute which the Board of Examiners for the time being has prescribed
(2) a copy of any other materials which the Board of Examiners for the time being has prescribed.

Personal annotation on statutes and other materials permitted to be taken into the examination is forbidden.

Dates of Examination	Full-time	Part-time
Written	Between 25 August and 15 September	Between 25 August and 15 September
Essay	1 July	1 July of final year

Subjects of Study

Seminars marked with an asterisk in the list below are given by teachers of the School. Those not so marked are given at other Colleges of the University. Students registered at this School must choose at least *two* subjects marked with an asterisk.

1. Jurisprudence and Legal Theory
2. Legal History
3. Administrative Law
4. French Administrative Law*
5. Comparative Constitutional Law I*
6. Comparative Constitutional Law II
7. Comparative Constitutional Law III
8. 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* (*Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in subject 46, European Community Law, nor subject 47, European Community Competition Law*)
25. Economic Analysis of 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 87, Soviet, East European and Mongolian Law*)
43. Comparative Criminal Law and Procedure*
44. Comparative Family Law* (*Candidates taking this subject may not take Special Subject (h) of 87, Soviet, East European and Mongolian Law. Candidates taking option (4) for this paper—The Law of the Overseas Chinese Communities in Singapore and Hong Kong—may not offer subject 85, Chinese Customary Law*)
45. Comparative Conflict of Laws
46. European Community Law (*Candidates offering special subject (b) Community Law relating to Competition may not offer subject 24, Monopoly, Competition and the Law, nor subject 47, European Community Competition Law*)
47. European Community Competition Law* (*Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in Subject 46, European Community Law, nor subject 24, Monopoly, Competition and the Law*)
48. Comparative Commercial Law of the Middle East
51. History of International Law
52. Methods and Sources of International Law
53. Comparative Approaches to International Law
54. Law of International Institutions*
55. Law of European Institutions*
56. Air and Space Law I
57. Air and Space Law II
58. International Law of the Sea*
59. International Economic Law*
60. International Law of Armed Conflict
61. Legal Aspects of Defence Studies
62. International Business Transactions
63. International Law of Natural Resources*
71. Law of Treaties
72. Human Rights
81. African Law
82. Law of Land and Natural Resources in Africa South of the Sahara
83. Law and Society in South Asia
84. Mohammedan Law
85. Chinese Customary Law
86. Modern Chinese Law
87. Soviet, East European and Mongolian Law* (*Candidates taking Special Subject (h) of this subject may not take subject 44, Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option under subject 42, Comparative European Law*)

91. Theoretical Criminology*
Applied Criminology
92. Sentencing and the Treatment of Offenders*
Juvenile Justice

The Degree of M.Phil.

The degree of Master of Philosophy may be conferred (in the Faculties of Economics, Arts, Laws and Science as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. degree.

Candidates whose initial qualifications in the field of study they wish to pursue are held by the school to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before submission of the dissertation.

The University Regulations specify conditions of registration in certain subjects as follows:

Geography

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with first or upper second class honours and Geography as the main field of study, or an M.Sc. degree in Geography of the University of London, or other degree accepted as equivalent to these degrees for this purpose. Other candidates may be accepted for registration, but will normally be required to pass a qualifying examination at which the standard will be at least upper second class honours.

History

A candidate shall be required to have obtained a first or second class honours degree in History from a British university or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study or other degree accepted by the University as equivalent. Other candidates may be accepted for registration but will normally be required to pass a qualifying examination.

The course of study

Every student is required to pursue a regular course of study at the School under supervision of a Recognised Teacher or Teachers of the University.

The course of study will extend over not less than two academic years for full and part-time students.

Students registering for the M.Phil. at any time other than the beginning of the academic year will be required to pursue a course of not less than two calendar years.

Thesis or dissertation

In the following fields the thesis or dissertation shall not normally exceed the number of words indicated, but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the supervisor, such application being made at least six months before the presentation of the thesis or dissertation:

Fields in the Faculty of Economics: 55,000.

Geography: 40,000.

History: 75,000 (inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography). This number of words does not apply to editors of a text or texts.

Philosophy: 30,000 (nor be less than 25,000).

Social Administration: 55,000 (inclusive of footnotes and appendices, but exclusive of bibliography).

See also pages 284–286 for notes and rules common to both M.Phil. and Ph.D. degrees

Retrospective transfer to the Ph.D.

Should the supervisor(s) of a student registered for the M.Phil. consider that the student's work is of doctoral standard, the student may on their recommendation and with the permission of the School be transferred to registration for the Ph.D. degree provided that the student's entrance qualifications have been approved for registration for the Ph.D. degree. The University's permission for transfer may be sought on behalf of those students whose qualifications have not been approved for Ph.D. registration. Where this is permitted, the student may be allowed to count all or part of the period of registration for the M.Phil. degree, towards registration for the Ph.D. degree.

Leave of absence for research

Leave of absence, under proper conditions, may be permitted if the material for the work of a student registered for the M.Phil. exists elsewhere. A student granted leave of absence of two terms or more must in addition be in attendance during the period of registration for the degree for not less than four terms at the School; neither the first nor the last term of the minimum course can be counted as leave of absence. See also page 284.

M.Phil. in Sociology

Students registered for the M.Phil. in Sociology will normally be required by the Department of Sociology to attend the course in Methods of Sociological Study and to pass a departmental test in this subject at the end of their first year. (Students already qualified in this area—e.g. those holding an M.Sc. in Sociology or evidencing a similar level of attainment—will be exempted from this requirement.)

In addition, students will normally be expected to attend two further courses as agreed by their supervisors and the Department during their first year of registration. They may be required to attain a standard satisfactory to the Department in either or both of these courses.

M.Phil./Ph.D. in Economics

A more structured programme than in the past will normally be followed by students for the M.Phil./Ph.D. in Economics. The goal of the programme is to facilitate the transition from M.Sc. work to active research by incorporating an element of directed course work in the first year. In addition to course work, participation in research training will be required in the first year of work towards the M.Phil./Ph.D. The minimum period of registration by full-time students will remain two years; the degree remains a research degree with the same overall standard as before.

The traditional M.Phil./Ph.D. essentially by thesis only will be available at the discretion of the Economics Department. Typically this discretion will be exercised for students who have gained professional experience and have a well-formulated research programme.

The course work in the first year has four elements, two courses and two seminars. The courses will normally be Topics in Economic Analysis and one other course suited to the student's research interests to be agreed individually with the Department. The seminars are one in Research Strategy and one in which research material will be presented and discussed. In order to proceed to research in subsequent years students

must pass examinations in their two courses and show progress with their research. The examination will consist of *two* papers as follows:

- | | <i>Lectures and Seminars</i> |
|--|------------------------------|
| 1. Topics in Economic Analysis | Ec.500 |
| 2. Normally a paper from the M.Sc. in Economics to be approved by the Department | |
| In addition, students will be required to participate in the following: | |
| 3. Seminar in Research Strategy | Ec.501 |
| 4. A seminar for research students in Economics | Ec.502 |

Examination arrangements

See pages 284–286.

The Degree of Ph.D.

The Ph.D. degree may be conferred (in the Faculties of Economics, Arts, Laws and Science, as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university, or the approved equivalent in another university, will not normally be admitted to the School as a candidate for the Ph.D. degree; and a candidate who has not already obtained a Master's degree of this or another university (in a relevant subject) will usually be required to register first for a Master's degree.

University Regulations also specify additional conditions of registration in certain subjects, as follows:

Geography

A candidate who intends to proceed to the Ph.D. degree is normally required to register in the first instance for the M.Phil. degree.

History

A candidate in History shall be required to have obtained a first or second class honours degree in History from a British University or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Philosophy

Candidates who do not possess the M.A. or M.Phil. in Philosophy must produce evidence of their competence to undertake research work of the standard required.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study with First or Upper Second Class Honours or other degree accepted by the University as equivalent. Other candidates will normally be required to register for the M.Phil. in the first instance.

Statistics

A candidate who does not possess an M.Sc. or M.Phil. in Statistics of the University will normally be required to register in the first instance for the M.Phil.

The course of study

Every student is required to pursue a regular course of study at the School under the

supervision of a Recognised Teacher or Teachers of the University.

The course of study for the Ph.D. degree will extend over not less than two academic years for a full-time student, and not less than three academic years for a part-time student.

Students registering for the Ph.D. at any time other than the beginning of the academic year will be required to pursue a course of not less than two or three calendar years for full- or part-time students respectively.

For details of the course of study for the Ph.D. in Economics see the paragraph "M.Phil./Ph.D. in Economics" on pages 281–282.

Thesis

A Ph.D. thesis must form a distinct contribution to the knowledge of the subjects and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power. It must be written in English and the literary presentation must be satisfactory, and, if not already published in an approved form, it must be suitable for publication either as submitted or in an abridged or modified form.

In the following fields the thesis shall not normally exceed the number of words indicated by a candidate wishing to exceed the prescribed limit may apply for permission to the University through the Graduate School Office, such application being made at least six months before the presentation of the thesis:

Anthropology: 100,000, excluding notes, bibliography and appendices.

Economics: 100,000, inclusive of footnotes and appendices, but exclusive of bibliography; this regulation does not apply to editions of a text or texts.

Geography and Philosophy: 75,000.

History: 100,000, inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography.

Social Administration: 100,000 words inclusive of footnotes and appendices, but exclusive of bibliography.

The following notes and rules apply also to a thesis for the M.Phil. (see pages 280–281).

As soon as possible after registration, students should decide with their supervisor(s) the subject of their research and inform the Graduate School Office. Subsequent changes of the field of research should also be reported to the Graduate School Office since, if they are substantial or have been made long after registration, they may need the consent of the Graduate School Committee. The final thesis title must be approved by the Committee, on the recommendation of the supervisor(s) and notified to the University (see page 284).

The greater portion of the work submitted in a thesis must have been done after the registration of the student as a candidate for the M.Phil. or the Ph.D. degree.

The thesis must consist of the candidate's own account of his or her research. It may describe work done in conjunction with his or her supervisor and/or fellow research workers, provided that the candidate clearly states his or her personal share in the investigation, and that this statement is certified by the supervisor.

The candidate must indicate how far the thesis embodies the result of his or her own research or observation, and in what respects his or her investigations appear to him or her to advance the study of this subject. Work already published (including that published in joint names) may be included only if it forms an integral part of the thesis and thereby makes a relevant contribution to the main theme of the thesis. A series of publications alone is not acceptable as a thesis.

A candidate will not be permitted to submit a thesis which has been submitted for a degree or comparable award in this or any other university or institution, but a candidate shall not be precluded from incorporating work already submitted for a degree in this or in any other university or institution in a thesis covering a wider field,

provided that the candidate shall indicate on the entry form and also on the thesis any work which has been so incorporated.

Leave of absence for research

Where a student wishes to take leave of absence from the School in order to carry out research for the thesis the same conditions regarding this leave apply for full-time Ph.D students elsewhere as for the M.Phil. degree (see page 281). 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.

Transfer to or from the M.Phil.

Students registered for the Ph.D. who wish to proceed instead to the M.Phil. must apply for permission to do so. The length of further course, if any, which they will be required to pursue for the M.Phil. will be prescribed in each case. On registering for the M.Phil., Ph.D. registration will lapse.

Candidates may be transferred, with retrospective registration, from the M.Phil. to the Ph.D. degree (see under M.Phil. degree).

Examination Arrangements—M.Phil. and Ph.D.

Research degree students are asked to consult their supervisor(s) in good time before their proposed date of submission of a thesis for examination, so as to avoid administrative difficulties.

Thesis Title and Requirements

The final thesis title should be submitted, with the supervisor's recommendation, to the Graduate School Committee through the Graduate School Office, about nine months before the proposed date of submission.

For the University's Regulations concerning the length of the thesis, see pages 280 and 283.

The University's detailed instructions on layout and presentation are issued to candidates with the examination entry form.

Entry for Examination

Examination entry forms are available from the Graduate School office, and should be returned about three or four months before the proposed date of submission. With the entry form, every candidate is required to submit a signed statement authorising the University to make the thesis available for public reference, inter-library loan, photocopying, micro-filming and publication in a list and central file of abstracts; a copy of the full text of this declaration is available from the Graduate School Office. Candidates may apply to the University to retain the sole right to grant access to the thesis for up to five years. The University will *not* give its permission for access to be restricted if the reason for requesting a restriction is that the thesis contains sensitive or confidential material or that reproduction of the thesis would infringe the rights of third-party holders of copyright. If the University does allow a restriction of access, it will normally only be for two years in the first instance, with the possibility of extension to an absolute maximum of five years only.

Candidates are invited to submit a subsidiary matter in support of their candidature any printed contribution or contributions to the advancement of the subject which they may have published independently or conjointly. If candidates submit such subsidiary matter they will be required to state fully their own share in any conjoint work.

The thesis or dissertation may be submitted on or after the first day of the month following that in which the prescribed course is completed. A candidate who is required to pursue a course extending over a specified number of academic years will

be permitted to submit the thesis or dissertation on or after 1 June of the relevant year.

A candidate who will not be ready to submit the thesis or dissertation at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of the course. A candidate who does not submit the form of entry within one calendar year may apply to the School for permission to enter the examination.

If a candidate has not submitted the thesis or dissertation for examination within eighteen months after submission of the form of entry for the examination the entry will be cancelled.

Every candidate who is unsuccessful at the examination will be required on re-entry to comply with the regulations in force at the time of re-entry.

Candidates are reminded that the decision to submit a dissertation or thesis in any particular form rests with the candidate alone and that the outcome of the examination is determined by two or more examiners acting jointly.

Examination

- (a) For the purposes of the oral, practical or written examination held in connection with a thesis or dissertation, candidates will be required to present themselves at such a place as the University may direct and upon such a day or days as shall be notified.
- (b) After the examiners have read the thesis or dissertation they may, if they think fit, and without further test, determine that the candidate has not satisfied them in the examination.
- (c) Except as provided in paragraphs (b) and (e), the examiners, after reading the thesis or dissertation, shall examine the candidate orally, and at their discretion by written papers or practical examinations or by both methods, on the subject of the thesis or dissertation, and if they see fit, on subjects relevant thereto.
- (d) If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at any practical or written examination, the examiners may determine that the candidate be exempted on re-entry from presentation of a thesis or a dissertation and permitted to submit to a further practical or written examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D. If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at the oral examination, the examiners may determine that the candidate be permitted to re-present the same thesis or dissertation, and submit to a further oral examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D.
- (e) If the thesis or dissertation, though inadequate, shall seem of sufficient merit to justify such action, the examiners may determine that the candidate be permitted to re-present the thesis or dissertation in a revised form within twelve months for the M.Phil., or eighteen months for the Ph.D. Examiners shall not, however, make such a decision without submitting the candidate to an oral examination. The examiners may at their discretion exempt from a further oral examination on re-presentation of his thesis or dissertation a candidate who under this regulation has been permitted to re-present it in a revised form.
- (f) The examiners may require the candidate to make within one month specified amendments to their satisfaction or that of one of their number nominated by them.
- (g) If, after completion of the examination including the oral examination or re-examination for the Ph.D., the examiners determine that a candidate has not reached the standard required for the award of the degree nor for the re-presentation of the thesis in a revised form for that degree, they may determine, if they think fit, that the candidate has reached the standard required for the

award of the M.Phil. subject to any minor amendments which may be required. Following such a decision of the examiners, the following conditions and procedures will apply:

- (i) The candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has reached the standard required for the award of the M.Phil., and that he may be considered for the award of the M.Phil. if he indicates within two months that he wishes to be so considered.
 - (ii) A candidate who indicates that he wishes to be considered for the award of the M.Phil. under this regulation will 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 applies for the award of the M.Phil. under these regulations must make any minor amendment that may be required by the examiners within a period of one month.
 - (v) A candidate who has reached the standard for the award of the M.Phil. who does not indicate that he wishes to be considered for the award of that degree within the period given in (a) above, will be informed that he has failed to satisfy the examiners for the Ph.D. and that he may no longer be considered for the award of the M.Phil.
- (h) Subsequent consideration of a candidate's representations regarding the assessment of his submission may be arranged under procedures approved by the Senate of the University.

Notification of results

Every candidate will be notified by the University of the result of his examination after the examiners have reached a decision.

A diploma under the Seal of the University shall subsequently be delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of the degree to a candidate owing fees to the School.

Dates of Examinations

(INTERNAL STUDENTS)

1982-83

First Degrees

The closing date for entry to examinations will be 30 November 1982 for School-based examinations, i.e.

B.Sc. (Econ.) Parts I and II	} by course units
LL.B.	
B.Sc. Degree	
B.A. Degree	

The closing dates for

B.A. History
B.Sc. Social Science and Administration

will be published by the University.

The dates of examinations for first degrees are not yet known. An announcement will be made on the School notice-boards in the Michaelmas Term.

Higher Degrees

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

M.Sc.

Entry closes

1 February 1983 for June examination
(including candidates for September branches who have chosen an optional paper which is examined in June)

1 May 1983 for September examination

Examination begins

Either June 1983 or 1 September 1983 according to subject

M.A. Area Studies, History

Entry closes

1 February 1983

Examination begins

June 1983

LL.M.

Entry closes

1 May 1983

Examination begins

25 August 1983

LSE Course for Bankers

This course is designed for promising young bank executives in their twenties and thirties who are expected to achieve promotion to the higher levels of management. Members of the Course will spend six weeks at the London School of Economics, taking a special programme of lecture courses, banking seminars and visits to financial institutions and markets in the City of London.

The course will provide its members with the opportunity to develop a broader and deeper understanding of banking and the economic and financial environment in which it has to operate. This understanding is increasingly important for those who will move into the higher levels of management.

Programme

	<i>Course Reference Numbers</i>
Lecture Courses:	
The British Monetary System	Ec.141
Macro-economic Management	Ec.143(i)
International Financial Institutions	Ec.470
The Law of International Banking and Finance	Ec.471
The Analysis of Financial Decisions	Ec.472
Stock Exchange Investment	Ec.473
Cash Flow Analysis and Capital Budgeting	Ec.474

Most of these lectures provide opportunities for questions and discussion. There will also be the following meetings devoted entirely to discussion.

	<i>Course Reference Numbers</i>
Discussion Meetings:	
Banking and Money Markets	Ec.475
International Monetary Experience	Ec.476
*Group Discussion Meetings	Ec.477

(*These meetings are run by the participants themselves, with teachers present at some meetings. They provide the opportunity for each participant to make a presentation for group discussion on his own experiences or interests in banking and finance. Participants should come to the Course with some suitable material already prepared; all are encouraged to make a presentation, although this is not compulsory.)

	<i>Course Reference Numbers</i>
Seminars:	
Banking Seminar I: Technical Banking Topics	Ec.478
Banking Seminar II: The Domestic and International Operation of Banks	Ec.479
Academic Seminar	Ec.480
Visits to Markets and Institutions in London	Ec.481

Administrative Arrangements

Fees

The tuition fee for the LSE Course for Bankers is £1,550.

The fee is payable at the beginning of the Course.

Note: The tuition fee does not cover accommodation; members of the Course, or their institutions, will need to make these arrangements for themselves. For members coming from overseas, there is a wide range of hotels within easy reach of the School.

Dates

Members of the Course should arrive at the London School of Economics on Friday, 1 October 1982 and should register at 4 p.m.

Teaching for the course will begin on Monday, 4 October, 1982 and will end on Friday, 12 November 1982.

Course Certificate

A Course Certificate will be awarded to members at the end of the course. There is no examination for the course.

Enquiries

Enquiries should be directed to: Course for Bankers (Room S.378), The London School of Economics, Houghton Street, London WC2A 2AE, England. Telephone: 01-405 7686. Telex: 24655 BLPES G.

The London School of Economics and Political Science reserves the right at any time to make alterations in the Course for Bankers.

Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences with special reference to the development of trade unionism, is primarily intended for persons taking up responsible work in trade union organisations, though applications for admission from other qualified students will be considered. Applicants must show that they possess the training and experience necessary to profit from the course.

Lectures are available in the main subjects of the syllabus; classes, open only to members of the course, are provided. Opportunities for written work are given and provision is made for tutorial supervision. Subject to approval, students may be admitted to other lectures given at the School which are of interest to them, and to which entry is not limited. In addition, they are full students of the School and members of the Students' Union and as such entitled to enjoy all the facilities provided by the Union.

The course is open to full-time day students only.

The syllabus of study consists of eight subjects for which lectures and special classes are provided. The subjects are:

- (i) Economics
- (ii) Contemporary Trade Unionism and Industrial Relations
- (iii) British Economic and Social History, with special reference to the Growth of Labour Movements
- (iv) Labour Law
- (v) Political Theory and Organisation
- (vi) Elementary Statistics
- (vii) Business Organisation and Finance
- (viii) Industrial Sociology

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism. There is also a number of observation visits to firms and trade union offices.

On the completion of the course the student will receive a certificate from the School describing the major subjects undertaken during the period of study.

Application forms for admission may be obtained from the Department of Industrial Relations.

Full details of the fees payable are given in the Fees section of the *Calendar*.

Members of affiliated trade unions may be eligible for bursaries provided by the Trade Union Congress. In addition the Transport and General Workers Union, the National Graphical Association, the Post Office Engineers Union and the Confederation of Health Service Employees provide a limited number of bursaries to their members gaining admission to the course. Details of these bursaries are available from the organizations concerned.

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Pro-Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Elections may be made annually in the Michaelmas term. The number of persons elected shall not, save for special reasons considered adequate by the Court, exceed ten nor shall there be included amongst them, save for the like reasons, more than three persons who are not former students of the School.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

- (i) each member of the Court of Governors
- (ii) each member of the Academic Board
- (iii) each Honorary Fellow

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Academic Secretary not later than 31 May. Unless successful or withdrawn, it shall be regarded as current for three successive years, including the year of nomination, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall, in the Michaelmas term prior to the first ordinary meeting of the Academic Board, consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the main library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School, but also as a national collection.

These interdependent functions have grown together: the School has given the Library wide contacts with the public and academic worlds and a standing which it could not so easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School.

It is freely open to members of the School and is extensively used by other scholars and researchers. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term. It is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in international law and in the economic, political, social and international aspects of history. As well as treatises and over 12,000 non-governmental periodicals (of which over 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 over 13,000 serials (of which over 7,800 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 nearly 800,000 bound volumes; the whole collection is estimated to contain some 2¼ million separate items, and occupies about 39 kilometres of shelving. In some subjects within its field, the Library is surpassed only by smaller, highly specialised libraries, and in others it is unsurpassed; it is perhaps the largest library in the world devoted exclusively to the social sciences as a whole.

The Teaching Collection, situated off the entrance lobby of the Library, contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles, etc: its stock is approaching 35,000 volumes, and there are seats for 103 readers.

Material acquired before the end of 1979 is recorded in a full author catalogue typed on cards. More recent acquisitions are recorded in a catalogue on microfiches, which may be consulted at a number of locations throughout the library: entries are arranged in three separate sequences, viz. by author and title, alphabetically by subject-heading, and in the order of the Library of Congress classification. The subject catalogue is also published, under the title *A London Bibliography of the Social Sciences*; this is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work, of which 39 volumes have so far been published, may be obtained from the Librarian. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at £2.50 a copy (plus postage).

The *Shaw Library* (established with the help of a gift from Mrs. George Bernard Shaw) is a lending collection of general literature; it is housed in the Founders' Room on the sixth floor of the Main Building.

A brochure *Guide to the Library* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:
 - (i) Members of the London School of Economics and Political Science, as follows:
 - (a) Governors
 - (b) Honorary Fellows
 - (c) Staff
 - (d) Regular students
 - (e) Students accepted by the School for intercollegiate study
 - (f) Occasional students
 - (ii) Persons to whom permits have been issued
 - (iii) Day visitors admitted at the discretion of the Librarian
2. Permits may be issued to:
 - (a) Persons engaged in research which cannot be pursued elsewhere
 - (b) Professors and 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. All readers are required to show their School registration cards or Library permits or visitors' tickets to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.
4. The Library is normally open on all working days during hours prescribed from time to time. It is closed on Sundays and on certain other days as prescribed.²
5. Readers must not bring attaché cases, overcoats, hats, umbrellas or other impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School.
6. Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the reading areas in the main Library.
7. Readers who have finished with books taken from the open shelves should return them without delay to the returned-book stack in the area from which they have been taken.
8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncanceled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.
9. Readers allocated a study room or carrel may keep in it Library materials taken from the open shelves (with the exception of certain categories as listed in the 'Guide to the Library'), providing the issue is recorded at the Loans Counter. They will be

¹ The fees at present prescribed are, £100 for a permit valid for six months, £50 for three months, or £20 for one month or less.
² The hours of opening prescribed at present are from 10 a.m. to 5 p.m. on Saturdays, and from 10 a.m. to 9.20 p.m. on other days except in August, when the Library closes at 5 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, New Year's Day, May Day, the Spring and Late Summer Bank Holidays, and all Saturdays in July and August.

responsible for material held by them, and the items must remain accessible to the Library staff.

10. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

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.

11. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) who are registered for research degrees may borrow books for use outside the Library, subject to the following conditions:

- (i) During the months of June, July, August and September, graduate students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including, if required, the payment of a deposit.
- (ii) No book borrowed shall be taken out of the United Kingdom, without special permission of the Librarian.
- (iii) Graduate students may not have on loan more than six volumes at one time.
- (iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.
- (v) The prescribed loan voucher must be completed and handed in before any book is removed.
- (vi) Books borrowed are due for return on or before the Friday of the first week of the following term, but are subject to recall at any time.

12. Where books are not returned in accordance with the prescribed conditions of loan, fines will be incurred. No person shall borrow any material from the Library if any fine or charge he has incurred has not been paid.

13. 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.

14. 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.

15. 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.

16. Eating, drinking and smoking are forbidden within the Library.*

17. No reader may enter any part of the Library not open to general readers without special permission.

18. 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.

19. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

20. Silence should be preserved in the reading areas and on the staircases and landings.

21. 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.

*Smoking is, however, permitted in certain specially designated areas.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House). An internal student may register to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and showing evidence of University registration, e.g. a College card. Short instructional tours of the Library are arranged for new members, particularly during the first few weeks of the session.

The University Library is a large general library of 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 history, geography and geology. British Government publications, palaeography, philosophy, psychology, romance studies, United States and Latin American studies, and music. Some 5,300 periodicals are received currently; the Periodicals Room provides a wide selection on display. The 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 and a microfilm reader-printer are provided in the Library, and the Photographic Section will also supply photocopies in addition to microfilms, slides, enlargements, etc.

Hours of Opening

Term and Easter Vacation

Monday to Thursday: 9.30 a.m. to 9 p.m.

(book-stack service 10 a.m. to 6.30 p.m.)

Friday: 9.30 a.m. to 6.30 p.m.

(book-stack service: 10 a.m. to 6 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

Christmas and Summer Vacations

Monday to Friday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 5 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to universities and institutions worldwide. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, with over 16,000 titles held regularly in stock including many pamphlets and a wide range of paperbacks, there is a newly designed and decorated shop selling second-hand books right next door. The Bookshop also has a branch at the Enfield Precinct of Middlesex Polytechnic, operates a mail order centre from premises in Camden Town which supplies universities and institutional customers in the U.K. and some 80 countries overseas, and has recently expanded its business with the acquisition of the Barbican Business Book Centre at 9 Moorfields, London EC2.

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 1972 the majority of the publications sponsored by the Publications Committee were channelled through one selected publisher. However experience showed that no one publisher 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, Dr. A.A.F. Gell)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (Bedford Square Press, Editor, Mr. M.J. Reddin)

Discussion Papers, International Centre for Economics and Related Disciplines (I.C.E.R.D., L.S.E.)

Centre for Labour Economics Discussion Papers (Centre for Labour Economics, L.S.E.)

Geographical Papers (Geography Department, L.S.E.)

L.S.E. Handbook in Economic Analysis (Weidenfeld and Nicolson)

Inaugural Lectures (L.S.E.)

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 £1.00 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 confidential medical care for all students of the School. The Health Service provides facilities for general medical, psychiatric, gynaecological, ophthalmic and first aid treatment.

Three psychotherapists, two of whom are part-time, are available to give advice, psychotherapy and counselling for emotional problems, whether of a personal nature or related to work difficulties.

The Service has a full-time general practitioner, with whom it is possible for students to register, but who nevertheless will see any student on an emergency basis or to give advice, whether they are registered or not. Enquiries about the possibility of registration should be made through the Health Service receptionist.

A gynaecologist attends twice weekly in term time to provide contraceptive advice and counselling and advice on gynaecological problems. An ophthalmic surgeon attends weekly in term time for sight testing. Appointments to see any of the doctors mentioned above should be made with the Health Service receptionist.

The Nursing Sister is available full-time in term time, and for part of the vacations, to advise on medical problems and to provide a first aid and immunisation service. She is also available to give counselling for emotional difficulties.

There is, in addition, a full-time dental service and dental care available under the National Health Service and according to its rates. Appointments may be made with the dental surgeon or through the Health Service receptionist.

A nursery for children between the ages of 2 and 5 is provided by the Student Health Service. There are places for 15 children of students or staff of the School. This nursery is open for 46 weeks of the year including all term time and further details are available on application to the Matron.

STAFF

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

Timothy J. Harris, M.A. (CANTAB.), M.A. (OXON.), B.M., B.CH. (OXON.), D.R.C.O.G., M.R.C.G.P.: *Health Service Officer (Physician)*

Camilla Bosanquet, B.A., M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P. (LONDON), D.C.H. (ENG.), D.P.M., F.R.C. Psych.: *Psychiatric Adviser (Part-time)*

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

Valerie Little, B.SC. PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P. (LONDON): *Special Adviser to Women Students (Part-time)*

to be appointed: *Ophthalmic Surgeon (Part-time)*

to be appointed: *Dental Surgeon*

E. Rosemary Malbon, S.R.N., S.C.M., R.S.C.N.: *Sister-in-Charge*

Judith V. McGowan: *Receptionist/Relief Nurse*

Catherine M. Teakle, N.N.E.B.: *Nursery Matron*

to be appointed: *Nursery Officer*

Careers Advisory Service

The Careers Service at L.S.E. provides vocational guidance and assistance to students seeking information on all areas of graduate employment in the U.K. The Service is part of the University of London Careers Advisory Service and maintains a Careers Information Room with staff to help students in their job search. Those who want to discuss their approach to the future, or those who are uncertain about what they could do, can talk to one of the Careers Advisers who are available for appointments throughout the year.

With a reduction in the number of job vacancies for new graduates over the past year or two it has become especially important for people to make realistic assessments of their own capabilities, to use their imagination and initiative when establishing vocational targets and to research the background to organisations in preparation for applications and interviews.

The Service arranges careers seminars and talks covering a wide range of topics and organises a Graduate Recruitment Programme in the Lent Term each year when many of the larger employers visit the University to conduct preliminary interviews with student applicants.

Graduates of L.S.E. gain employment across a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers recruit graduates who are well qualified academically and have an understanding of the contemporary world. They also look for people with the ability to adapt to new environments, who can communicate, exercise judgement, remain flexible in outlook and make decisions. These qualities cannot all be assessed merely from the type or class of degree obtained. The possession of a degree, irrespective of subject, is only the first criterion that interests the majority of employers, though expert or specialist posts clearly demand an appropriate training. Even then, specialist graduates may find that they have to compete eventually with non-graduates who have moved into specialist jobs by chance, because of natural aptitude for a particular type of work or by acquiring specialist training outside university.

The choice of career, then, is wide. Graduates of the School find employment in industrial and commercial management, enter the teaching profession, go on to undertake academic research, find expert posts as economists, lawyers or statisticians, join central and local government, or enter journalism. It would be misleading to catalogue areas of employment any further because we find L.S.E. graduates in every kind of profession and organisation.

Possession of a university degree may considerably shorten a period of professional training. Possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. Those who have taken Accounting and Finance as their special subject in the B.Sc. (Econ.) are given exemption from the Institute of Chartered Accountants' Foundation examination. To become a specialist economist or statistician it is usually necessary to take a Master's degree. The Bachelor's degrees in Sociology and the B.Sc. in Social Science and Administration provide basic qualifications for training in social work.

With regard to the choice of specialist or optional subjects, there is one golden rule to be followed: the subjects that students choose should be those they like and are good at. The syllabuses provided at the School are generally wide and comparatively flexible and, for this reason, students who are not firmly committed to a specific course for professional reasons ought not to allow their choice of courses to be dominated by thought of future careers.

Those who are in doubt about which avenue to follow should consult their tutor and a careers adviser. Students may use the Careers Service any time during their courses and also after graduation.

The Chaplaincy

The Chaplaincy is ecumenical and aims to promote the Christian faith within the School by giving support and encouragement to its Christian community and expressing its service of the whole School community in pastoral care and spiritual direction.

The School has a full-time Anglican Chaplain, The Reverend Stephen Williams. This last year has seen the appointment by the United Reformed Church and the Roman Catholic Church of two new University Chaplains whose responsibilities include work at the School. They are The Reverend Wesley Workman (United Reformed Church) and Father Pat Davies (Roman Catholic). The Chaplaincy has its office in 1 Portsmouth Street and the Chaplains are available to all members of the School staff and student bodies. There is an ever increasing number of people who wish simply to talk about their own particular lives or be prepared for baptism or confirmation.

The School, not really viewed by popular opinion to be a haven of piety, is in fact producing a growing number of men and women who wish to offer themselves for training for the ministry or entry into a religious order. We already have several ordained members of staff and licenced Church workers who also take their place within the extending work of the Chaplaincy. The Chaplains work in concert with the various Religious Societies within the Students' Union and offer a weekly framework of worship and sacramental life.

The Chaplains also coordinate the arrangements for occasions when the whole School wishes to mark some special event for instance the annual Carol Service in the Shaw Library or a memorial service to honour a member of our School who has died.

The past eighteen months have seen a great development of the Chaplaincy's work on both individual and group levels.

As has been said, all the Chaplains are here to be used and to provide any help they can. They can be contacted at 1 Portsmouth Street, L.S.E. extension 559 or at the following:

The Reverend Stephen Williams (Anglican) 12 Woburn Square, WC1	637 1975
The Reverend Wesley Workman (Free Church) 333 Essex Road, N1	226 3737
Father Pat Davies (Roman Catholic) 111 Gower Street, WC1	387 6370

Students' Union and Athletic Union

Students' Union

The objects of the Students' Union are to promote 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 second floor of the East Building.

The Union employs a number of permanent staff. There is a Welfare Officer and a Welfare Assistant. The Welfare Officer works both as an advisor e.g. on welfare rights, immigration and visa concerns and as a counsellor on personal problems. The Welfare Office also links up reading volunteers with visually handicapped students and welcomes such offers and enquiries. The assistant administers an accommodation service and deals with general welfare enquiries. The Union General Meeting, held every Thursday lunch time in the Old Theatre, is the central decision-making organ of the Union. There are three student sabbatical officers (General Secretary, Senior Treasurer and Social Secretary) who, via the Executive Committee, are responsible to the Union General Meeting. The Executive Committee of the Students' Union (10 members) is charged with carrying out decisions made by the Union General Meeting and each member has responsibility for a different aspect of Union affairs, for example, services, Academic affairs, External affairs, welfare, and so on. There are also more than fifty societies which cover a wide range of interests. Full details of Union meetings and elections and of the Committees and Societies are obtainable from the Students' Union Reception Office and are also widely advertised in the School.

The Union also provides a number of useful services in the fields of student and social welfare, entertainment and cultural and extra-mural education. Amongst these are the socials, discos and concerts organised by the Entertainments Committee and Societies. There is a free legal advice centre run by the Law Society every Monday and Thursday lunch time in Room E.295. N.U.S. cards, student rail cards and general information can be obtained from the Union Reception Office.

There is a nursery at the School with places for children between the ages of two and five. The Students' Union also subsidizes a place at another nursery for a child under two. Information on nursery places can be obtained from the Welfare Officer, Room E.295. Each half-term the Union pays for a qualified teacher/youth worker to run a holiday play group for school age children within the School. Enquiries about this to the Welfare Officer, Room E.295.

Since a large number of students at the L.S.E. come from overseas, the Union has a special sub-committee relating to the general welfare of overseas students. Each term the Union administers a hardship fund to help British and overseas self-financing students. Applications for assistance are treated in strictest confidence and should be made to the Welfare Officer of the Union. In addition the Welfare Officer will advise students of funds available within the L.S.E. or outside.

The Students' Union is a member of the National Union of Students and sends delegates to the biannual conference of the N.U.S. Students at the School are also members of the University of London union and are entitled to use all its premises and its services and to participate in its activities.

Through its Publications Committee the Union publishes a *Handbook for Students*, given free to all students and also a newspaper *Beaver* which is published fortnightly during term time. The editorial boards of these publications, are open to all students, whilst the editorial candidates are recommended by the Executive Committee of the Union to a Union Meeting, which appoints the various editors.

Athletic Union

Athletics are the responsibility of the Athletic Union which has the status of a Society within the Students' Union and is a member of the University Athletic Union and Women's Intersports Athletics Board. All students are eligible to join the Athletic Union. The subscription charged for membership of each club is £1. A.U. membership is free.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Cricket, Croquet, Cross-Country, Golf, Hockey, Judo, Karate, Mountaineering, Netball, Parachuting, Riding, Rowing, Rugby Football, Sailing, Skiing, Snooker, Squash, Table Tennis, Tennis, Yoga.

Details about club activities may be obtained from the Athletic Union Office (E.65).

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo. There are pitches for Association and Rugby football, hockey and cricket, lawn tennis courts, and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well equipped dressing room accommodation. Facilities at the School itself include a circuit room which contains a modern poly-gym multi-station weight training unit and a gymnasium suitable for basketball, table tennis, five-a-side football etc.

The Rowing Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis and Judo Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath and in Richmond Park; the Sailing Club operates at the Welsh Harp, Hendon. The Mountaineering Club meets in England and on the Continent.

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

Staff and Officers of the Students' Union and Athletic Union

STUDENT OFFICERS

General Secretary of Students' Union—Tony Donaldson
Senior Treasurer of Students' Union—Rick Young
Social Secretary of Students' Union—Steve Virgin
President of Athletic Union—R. Cresswell
Internal Vice-President of Athletic Union—Denise Bass
External Vice-President of Athletic Union—John Box
Treasurer—D. J. Rowe
General Secretary of Athletic Union—Paul Mitchell
Assistant General Secretary of Athletic Union—R. Dahill

OFFICE STAFF

Admin. Officer—Martine Mann
Welfare Officer—Elana Ehrlich
Welfare Assistant—Pauline Newmark
Accounts Officer—Sam Kung
Union Secretary—Doreen Angus
Information Centre Assistant—Ann Morse
Accounts Assistant—Bob Page

TRADING STAFF

Bar Manager—Chas Holmes
Bar Assistant Manager—Paul Whittaker
Shop and Catering Manageress—Kate Slay
Shop Assistant—Karen Kelly
Coffee Bar Staff—Miguel Santoro and Lesley Jarvis

Residential Accommodation

Approximately one fifth of the student body is accommodated in the School's own Halls of Residence and Flats. In addition there is a number of University of London Halls of Residence open to students from all its Schools and Colleges, including the L.S.E., while the Accommodation Office of the University of London helps students to find lodgings and flats in the private sector. The School places as many first year undergraduates as possible in its own accommodation, but a good proportion of students from all years are offered places.

Private Lodgings and Flats

Students who wish to find lodgings and flats in the private sector can get help from the Accommodation Office of the University of London, University of London Union, Malet Street, WC1 7HY, which maintains a register of addresses of various types in most districts of London; each student's requirements are carefully considered. New students should make application to the Accommodation Office by June of the year in which they expect to begin their course. In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast, or bed and breakfast with a regular evening meal in addition. Students whose tastes are likely to lead to their entering very fully into the life of the Union and its societies, or to spending evenings in the Library, will be well advised to seek lodgings of the former type; those who prefer to study in their own rooms may be better suited to the latter type.

School Halls of Residence and Flats

Application for places in School Halls of Residence and Flats should be made to the Assistant Registrar (Admissions) at the School. Applications should be made, if possible, by 30th April for the following October.

Fees in the Halls of Residence and Flats vary according to the facilities provided. Current rates are available on request from the Assistant Registrar (Admissions). All School Halls provide breakfast and dinner every day and lunch as well at weekends. The flats however are self-catering and the fees charged are exclusive of gas and electricity. All flats and study bedrooms in Halls have wash hand basins.

Carr-Saunders Hall and Fitzroy and Maple Street Flats

Fitzroy Street, W1P 5AE.

(Warden: E. A. Kuska, B.A., Ph.D.)

(Academic Residents (Flats): S. R. Alpern, A.B., Ph.D. and A. Shaked, B.Sc., M.Sc., Ph.D.)

Carr-Saunders Hall accommodates 157 men and women students in 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 209 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 included in the fees paid by the hall occupants, but those residents in the flats may

buy tickets for individual meals. There are garage and uncovered parking facilities for which an additional rent is charged.

Passfield Hall

Endsleigh Place, WC1H 0PW

(Warden: M. Perlman, B.B.A., Ph.D.)

Passfield Hall accommodates 205 **men** and **women** students in single, double and triple rooms. It is situated in Bloomsbury with several bus routes and Underground stations close by. The Hall is approximately 20 minutes walk from the School. The Hall is in three blocks around its own garden and has all the usual facilities including, bar, games room, common room, launderette, quiet room and limited cooking facilities. All rooms are centrally heated. Parking spaces are also available. Meals are included in the fees.

Rosebery Avenue Hall

Rosebery Avenue, London EC1R 4TY

(Warden: Kurt Klappholz, B.Sc. ECON.)

This hall opened in October 1974 and accommodates 193 **men** and **women** students in 161 single and 16 double study bedrooms. The hall is situated very close to the Sadler's Wells Theatre, is 7 minutes walk from the Angel, Islington and approximately 25 minutes walk from the School. The nearest underground stations are the Angel (Northern line) and Farringdon (District, Circle and Metropolitan lines). The hall is also on two bus routes which also pass the School. The hall has all the usual facilities including: bar, common room, launderette and amenity rooms where limited cooking facilities are provided. A catering service is provided but tickets are purchased for individual meals.

Anson Road and Carleton Road

(Academic Resident: to be appointed)

The School has 18 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.

University Halls of Residence

Canterbury Hall, College Hall and Nutford House are under the authority of the Halls of Residence Committee of the University of London. Only full-time students of the University are eligible for admission. An application form and information may be obtained from any one of the halls (a stamped addressed envelope must be sent with the enquiry), and the completed form should be sent to the hall of first choice by the end of April for admission the following October. There are occasional vacancies in the course of the academic year.

Canterbury Hall

Cartwright Gardens, WC1H 9EE

Opened in November 1946 for 222 **women** students; accommodation is in 214 single and four double study-bedrooms, all with central heating: there are common rooms, a library, concert hall, games room and squash court. Some of the single rooms have private bathrooms for which an extra charge is made. Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

College Hall

Malet Street, WC1E 7HZ

Opened in 1882 and transferred in 1932 to a new building in the University precinct. 220 **women** residents are accommodated in 108 single and 56 double study-bedrooms, all with central heating and hand-basins; there are common rooms, libraries, bar, studio and laundries. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

Near Marble Arch and on direct bus routes to the Strand and Aldwych. Accommodation for women graduates and undergraduates in 148 single and 23 double rooms; full central heating; there are common rooms, a small bar, laundries and study-room. Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

William Goodenough House

(London House for Overseas Graduates)

Mecklenburgh Square, WC1N 2AN

William Goodenough House accommodates 116 postgraduate **women** students from the British Commonwealth, ex-Commonwealth, the United States of America, and the E.E.C.

All meals are available on a cafeteria system but are not included in the fees. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common rooms. In addition there are over 100 self-contained flats for married students.

Applications, addressed to the Warden, should be made well in advance.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 406 **men** from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, coin-op laundry room. Central heating. Selection is made after consideration of the individual student's needs and his ability to benefit from and contribute to life in a residential community.

Fees include breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary and must be returned by 31 May.

Connaught Hall of Residence

36-45 Tavistock Square, WC1H 9EX

An intercollegiate hall of residence for **men**; 195 places, mainly in single rooms. The fees for the study-bedrooms include breakfast and dinner, and also lunch at weekends.

Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him before 31 May.

International Hall

Brunswick Square, WC1N 1AS

International Hall accommodates 438 **men** students. Half the rooms are reserved for students from overseas. There are 10 double rooms and 418 single rooms. Fees include

breakfast and dinner from Mondays to Fridays inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms may be obtained from the Hall Secretary and should be returned by 31 May.

London House

Mecklenburgh Square, WC1N 2AB

London House has accommodation for 315 postgraduate **men** students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It is administered by London House for Overseas Graduates.

Meals are available in the dining hall (cafeteria system) but are not included in the fees.

The House is close to three London Transport stations: King's Cross (Metropolitan, Northern, Victoria and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the School.

Application should be made direct to the Warden, London House, giving as much notice as possible.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

Hughes Parry Hall, opened in 1969, provides accommodation for 158 **men** and 120 **women** students. There are 246 single rooms and 16 double rooms, together with common rooms, library, games room, two squash courts, laundry and computer terminal.

Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

Application forms may be obtained from the Hall and should be returned by 30 April. (Please state whether man or woman when requesting application forms.)

International Students House

1-6 Park Crescent, W1N 3HE (immediately opposite Gt. Portland St. Tube Station)

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and Club facilities to **men** and **women** students from the United Kingdom and overseas. There are flats for married students and a very limited number for married students with children. A very full programme is organised; there is an information officer, who will give advice on careers, courses, travel, living in London etc., and a student adviser, who will help with problems on welfare, accommodation and personal matters. Visitors are most welcome.

Fees include bed and breakfast.

Early application is advised. Forms may be obtained from the Warden.

Afsil House

Afsil Limited, a Housing Association formed by a number of London colleges including the School, provides a number of furnished flats for married graduate students. A number of these are reserved for students of the School. In allocating the flats preference is given to students from the British Commonwealth. Most of the flats are suitable for childless married couples only, but there are a few which could accommodate a couple with a small child. Most of the flats, which are self-contained, consist of a living room, bedroom, kitchen and bathroom. Rents include central heating and the hire of furniture but do not include rates. Application forms for the flats are available from the Assistant Registrar (Admissions).

Lillian Penson Hall

Talbot Square, W2 1TT

(Warden: K. G. T. McDonnell, B.Sc. (Econ.), Ph.D.)

Telephone: 01-262 2081

Lillian Penson Hall, formerly a large hotel, is an intercollegiate hall of residence for full-time, registered, internal, postgraduate students of the University of London, both men and women and married couples without children.

Each room is centrally heated and has its own bathroom, telephone extension for incoming calls and maid service. Meals can be purchased in the dining room at reasonable prices. Fees cover accommodation only.

Application forms are obtainable from the Warden.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1982

President: Mrs. K. F. Russell

Deputy President: Dr. A. Bohm

Life Vice-President: The Right Hon. Lord Robbins

Joint Secretaries: Mrs. E. Morris and Mrs. M. Najjar

Treasurer: Mr. J. B. Selier

Assistant Treasurer: Mr. C. Coulson-Thomas

Programme Officers: Mrs. B. Asherson and Miss. E. Worth

Committee Members: Mr. B. Adams, Professor R. Chapman, Mr. P. Kapadia, Mrs. M. Murdoch, Mrs. B. R. Scharf

Ex officio: Alumnus Officer, L.S.E., Miss. A. B. Hurt

The Editors, L.S.E. Magazine: Mr. P. D. C. Davis and Lady McGregor of Durriss

The Economicals Sports Clubs' representative: Mr. B. Robinson.

Representatives of the L.S.E. Society on the Court of Governors: Mrs. B. Asherson, Mr. T. Dale and Mrs. K. F. Russell

Membership of the London School of Economics Society is open to all former students who have been registered at the School, and to all members and former members of the staff of the School. Persons not so qualified can be admitted for membership at the discretion of the Committee. Free annual membership for two years is available to former students provided they join within one year of leaving the School.

Members of the Society are granted certain privileges as regards use of the British Library of Political and Economic Science: subject to certain restrictions, they are entitled to permits to use the Library during vacations, in the evenings and in some cases during term. The *LSE Magazine*, published twice yearly, is issued to all members free of charge, and a variety of events are arranged throughout the year including an Annual Dinner and a Social Science Day.

The life subscription is £20.00 and the annual subscription is £5.00. Application forms and information relating to the Society can be obtained from the Honorary Secretary, c/o the Alumnus Office at the School.

Overseas Alumnus Groups

In addition to the London School of Economics Society there are two major overseas alumnus groups and a number of smaller ones. The object of these groups is to help former students and friends of the School to keep in touch with the School and each other and to engage in local activities, including fund-raising in support of the School's 1980s Fund appeal. Some of the groups are more formally based than others and some of them levy a local subscription. All former students resident in, or visiting, these countries are welcome to contact them.

The American Friends of LSE

The American Friends of LSE, Suite 203, 1302 Eighteenth Street N.W., Washington DC 20036, U.S.A., have established local Chapters in Boston, Chicago, Los Angeles, New York, Philadelphia, San Francisco and Washington. The American Friends welcome applications from residents of the United States who are applying for admission to a graduate programme at LSE for financial aid in the form of fee awards.

The Canadian Friends of LSE

The Canadian Friends of LSE, c/o Honeywell, Wotherspoon, Suite 500, 90 Sparks Street, Ottawa, Ontario K1P 5B4, Canada, have Regional Convenors in Calgary,

Guelph, Halifax, Kingston, Montreal, Quebec, Regina, Toronto and Vancouver.

Membership of the American group is by life or annual subscription, with a reduced rate for new alumni. Membership of the Canadian group is by annual subscription. Members receive the *LSE Magazine* and may use the Library.

There are also 'Friends of LSE' groups in Australia, Belgium, Colombia, Cyprus, Greece, Hong Kong, India, Israel, Japan, Mauritius, Mexico, Nigeria, Singapore, South Africa (Johannesburg), Spain, Switzerland (Geneva) and Venezuela. Information about these and other groups which are developing elsewhere is available from the Alumnus Officer at the School.

Friends of the London School of Economics

Trustees:

Chairman: Dr. L. Farrer-Brown

Vice-Chairman: Sir Sydney Caine

Professor W. T. Baxter, Mr. W. S. Collings, the Director, the Chairman of the Senior Common Room

Treasurer: William Harrison

Secretary: Jennifer Pinney

An association of Friends of the London School of Economics was formed in July 1957. 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 others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Recent gifts include the small organ in the Founders' Room; furniture for the Common Rooms in Halls of Residence; new curtains and furniture for the platform in the Old Theatre; furniture for the Alumnus Room in the Library in the Lionel Robbins Building, a cooled drinking water fountain and seats for the courtyard, a contribution to the refurbishing of the Vera Anstey Room and plaques identifying portraits of former Directors and eminent former teachers in the Senior Common Room. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed. The Association is one channel which people wishing to make bequests for the general benefit of the School may care to use.

The Council of the Friends is now actively seeking to increase membership and hence the benefits the Association can bring to the School. 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 organisations interested in the welfare of the School.

The Secretary will gladly send particulars of the Association on application to her at the School. There is no minimum subscription rate but the Council of the Friends have laid down guidelines of £3.50 per annum under Deed of Covenant for recent graduates and £5.00 per annum under Deed of Covenant for other members. It is hoped that members making annual donations other than under Deeds of Covenant will make rather higher contributions.

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 courses of lectures except 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 161–286 where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

Most abbreviations used will be familiar, but please note:

c.u.	course unit
B.Sc. S.S. and A.	B.Sc. in Social Science and Administration

Prefixes precede course numbers and indicate the departments responsible for the courses, as follows:

Ac	Accounting and Finance	313
An	Anthropology (Social)	318
BS	Business Studies	324
Ec	Economics	325
EH	Economic History	349
Gy	Geography	356
Gv	Government	375
Id	Industrial Relations	394
Hy	International History	404
IR	International Relations	415
Ln	Languages	430
LL	Law	436
Ph	Philosophy	481
Pn	Population Studies	488
Ps	Psychology (Social)	493
SA	Social Administration	498
So	Sociology	527
SM	Statistical and Mathematical Sciences	540

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

General Courses

The Social Sciences: an Historical Introduction

Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.
Recommended for all first-year students.

Accounting and Finance

Ac100 Introduction to Accounting

Mrs Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The balance sheet, income statement, flow of funds statement and cash flow forecasts. Business organisations and finance. Interpretation. Problems of inflation.

Recommended reading H. C. Edey, *Introduction to Accounting*; R. Lewis and I. Gillespie, *Foundation in Accounting 1*; relevant chapters of R. Lewis and M. Firth, *Foundation in Accounting 2*.

Ac100(a) Classes

Michaelmas and Lent Terms.

Ac101 Company Accounting

Mr Napier. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The nature and significance of limited liability companies; the financing of a limited company; the preparation and audit of company accounts; the legal requirements relating to company accounting information; accounting standards; recent developments in disclosure; company taxation; capital maintenance and dividend policy; accounting for acquisitions and mergers; group structures and group accounts. Accounting for inflation.

Recommended reading An introduction to the main topics covered in the course is given in P. Bird, *Understanding Company Accounts*. Relevant chapters of R. Lewis and M. Firth, *Foundation in Accounting 2*; G. A. Lee, *Modern Financial Accounting*; L. C. B. Gower, *Modern Company Law*; F. W. Paish and R. J. Briston, *Business Finance*. The latest editions should be used.

Further reading will be recommended during the course.

Ac101(a) Classes

Lent and Summer Terms.

Ac102 Accounting Systems

Mrs Day. Five meetings.

For B.Sc. (Econ.) Part II (Michaelmas Term); Dip. Acct. (Lent Term).

Syllabus Basic features of the accounting information system. Internal control. Analysis and description of accounting systems.

Recommended reading H. C. Edey, *Introduction to Accounting*.

Ac103 Introduction to Investment

Ms Rutterford. Five lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The nature and risks of finance and investment. Types of investment. The capital markets and the Stock Exchange. Investment principles according to different types of investor.

Recommended reading G. Cummings, *Investors' Guide to the Stock Market*. Further reading will be recommended during the course.

Ac103(a) Classes

Five classes, Lent and Summer Terms.

For B.Sc. c.u. main field Act. Sci.

Ac104 Elements of Financial Decision Theory

Mr Lumby. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; Dip. Acct.; Dip. Bus. Studies; M.Sc.

Syllabus The theory of long-run decision-making in the firm. Investment, financing and dividend decisions and their inter-relationships. The valuation of the firm. Problems caused by capital market imperfections. The handling of risk and uncertainty and, especially, the contribution of modern portfolio theory and the capital asset pricing model.

Recommended reading M. Bromwich, *The Economics of Capital Budgeting*; J. R. Franks and J. E. Broyles, *Modern Managerial Finance*; S. P. Lumby, *Investment Appraisal and Related*

Decisions; J. C. Van Horne, *Financial Management and Policy*. Further reading will be recommended during the course.

Ac104(a) Classes
Lent and Summer Terms.

Ac105 Budgetary Planning and Control

Professor Dev. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; Dip. Acct.; Dip. Bus. Studies; M.Sc.
Syllabus Corporate planning. Short-run planning and control in the firm. Budgetary control. Analysis of cost and revenue for pricing, output and other decisions. Presentation of information for management. Organisational and behavioural aspects of planning and control systems.
Recommended reading H. C. Edey, *Business Budgets and Accounts*; J. Arnold, B. Carsberg and R. Scapens (Eds.), *Topics in Management Accounting*; and relevant chapters of C. T. Horngren, *Introduction to Management Accounting* and of B. Carsberg, *Economics of Business Decisions*.
Further reading will be recommended during the course.

Ac105(a) Classes
Michaelmas and Lent Terms.

Ac106 Financial Accounting
Mr Noke, Professor Carsberg and Mr Napier. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II.
Syllabus Financial accounting with particular reference to company accounts. Standardisation of practice and inflation accounting. The measurement of income, costs and depreciation. The valuation of assets and firms. Current issues and empirical research in financial accounting.
Recommended reading W. T. Baxter, *Accounting Values and Inflation*; W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting*; P. Bird, *Accountability: Standards in Financial Reporting*; R. H. Parker and G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income*.
Reference should be made to standard

texts such as R. Lewis and M. Firth, *Foundation in Accounting 2* or G. A. Lee, *Modern Financial Accounting*. Further reading will be recommended during the course.

Ac106(a) Classes
Sessional.

Ac107 Management Accounting for Divisionalised Firms

Mr Choudhury. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II.
Syllabus Accounting problems of divisionalised firms. Costs and benefits of decentralisation. Evaluation of managerial and divisional performance. Pricing of internal transfers. Allocation of scarce resources to divisions. Multi-national decentralisation. Decentralisation of capital investment decisions.
Recommended reading D. Solomons, *Divisional Performance; Measurement and Control*; C. Tomkins, *Financial Planning in Divisionalised Companies*.
Further reading will be recommended during the course.

Ac107(a) Classes
Michaelmas and Lent Terms.

Ac108 History of Accounting
Mr Napier and Mr Noke. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.
Syllabus A general survey of the historical development of accounting to 1900. Topics covered will include: accounting in classical and medieval times; the early development of double-entry bookkeeping; accounting literature and practice in the 17th and 18th centuries; the influence of accounting on economic growth; formalisation of the historic cost convention; the development of corporate financial reporting. Emphasis will be placed on factors influencing present accounting practices in the U.K.
Recommended reading A. C. Littleton and B. S. Yamey (Eds.), *Studies in the History of Accounting*; T. A. Lee and R. H. Parker (Eds.), *The Evolution of Corporate Financial Reporting*; M. Chatfield, *A History of Accounting Thought*.
Further reading will be recommended during the course.

Ac108(a) Classes
Lent and Summer Terms.

Ac109 Introduction to Auditing
Professor Hinton. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II.
Syllabus Nature and objectives of auditing. Evolution of auditing philosophy and the auditor's role. Concepts of audit evidence and verifiability. Independence and accountability of the auditor. The evaluation of internal control. The audit report. Reference will be made to recent reports of company inspectors into corporate financial affairs.
Recommended reading References will be given during the course.

Ac109(a) Classes
Michaelmas and Lent Terms.

Ac110 Accounting and the Law
Mr Noke. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.
Syllabus The influence of the law on accounting thought and practice, with particular reference to the development of the law relating to financial reporting and capital maintenance since 1844. The costs and benefits of legally required disclosure. Topical legal issues relating to company accounting. Valuation of shares for legal purposes. Additional topics may be selected from the law of trusts and tax law.
Recommended reading G. J. Benston, *Corporate Financial Disclosure in the U.K. and the U.S.A.*; J. Flower, 'A Note on Capital and Income in the Law of Trust' in H. C. Edey and B. S. Yamey (Eds.), *Debits, Credits, Finance and Profits*; H. C. Edey and P. Panitpakdi, 'British Company Accounting and the Law, 1844-1900' in A. C. Littleton and B. S. Yamey (Eds.), *Studies in the History of Accounting*; T. A. Lee and R. H. Parker, *The Evolution of Corporate Financial Reporting*.
Further reading will be recommended during the course.

Ac110(a) Classes
Lent and Summer Terms.

Ac111 Stock Exchange Investment
Ms Rutterford. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II.
Syllabus Valuation of fixed interest securities and equities. Application of portfolio theory and the capital asset pricing model. Financial statement analysis. Investment strategy and type of investor. International aspects of investment. Students will have the opportunity of making real investment decisions using techniques acquired during the course.
Recommended reading W. Sharpe, *Investments* (2nd edn.).
Further reading will be recommended during the course.

Ac111(a) Classes
Michaelmas and Lent Terms.

Ac112 Computers and Accountants
Dr Walker. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.
Syllabus Computer systems as they affect accountants. Accounting in the total systems concept. Systems analysis and design. Systems development controls. Integrated accounting and forecasting systems. Application and integrity controls. Computer fraud and the role of the auditor.
The course assumes a level of knowledge equivalent to Elements of Computer Science.
Recommended reading I. Forkner and R. McLeod, *Computerized Business Systems*; B. G. Jenkins and A. Pinkney, *An Audit Approach to Computers*.

Ac112(a) Classes
Lent and Summer Terms.

Ac120 Business Finance for Trade Union Studies Course
Mr J. W. Smith. Lent Term.

ADVANCED COURSES

Ac150 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Summer Term.

Ac155 Corporate Finance

Ms Rutterford, Mr Lumby and Ms Ung. Twenty-two lectures, Sessional.

For M.Sc.

Syllabus The course examines methods of analysing investment and financing decisions of private sector companies. Topics covered will include aspects of capital budgeting, project finance, portfolio theory, the capital asset pricing model, capital structure and dividend decisions, stock market efficiency, options, leasing, mergers, and the effects of taxation and inflation on financing decisions.

Ac155(a) Classes Sessional.

Ac156 Advanced Financial Accounting

Professor Carsberg and others. Twenty-two lectures, Sessional.

For M.Sc.

Syllabus The course involves a study of the usefulness of financial reports to investors and other external users. Emphasis will be given to the development of conceptual foundations, including the objectives of financial reporting, and accounting and economic concepts of capital, income, and value. Issues having topical importance in theory and practice will be discussed.

Ac156(a) Classes Sessional.

Ac157 Managerial Accounting Professor Dev. Eleven meetings, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The course involves a study in depth of a number of problem areas in managerial accounting. Topics such as the following will be selected for detailed study: decisions on choice of activities,

output levels, and pricing; problems created by inflation; forecasting techniques; the design of management information systems; applications of operational research techniques; budgetary control and variance analysis; behavioural aspects of management accounting systems; accounting for not-for-profit organisations.

Ac158 Financial Planning and Control in Decentralised Firms Mr Choudhury. Eleven meetings, Lent and Summer Terms.

For M.Sc.

Syllabus The course focuses on the special problems of organisational structure, decision making, control, and performance evaluation in decentralised firms. Topics dealt with will include transfer pricing, cost allocation and management incentive schemes.

Ac159 Financial Statement Analysis

Ms Ung and Professor Dev. Eleven meetings, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The course is concerned with the application of modern research techniques in accounting and finance to the analysis of financial reports published by limited companies. The emphasis will be on the use of financial information by external decision takers in a variety of decision contexts, such as in equity and fixed interest security investment decisions, in credit decisions by banks and in financial distress prediction.

Ac160 Financial Management of Public Enterprises

Mr Lumby. Eleven lectures,
Lent and Summer Terms.

For M.Sc.

Syllabus The course deals with the special problems that arise in financial decision making in publicly-owned businesses. It will examine the historical development of public enterprises in the United Kingdom, their investment and pricing decisions, their organisation and financing and their accountability to, and control by, both government and Parliament.

Ac160(a) Seminar

Mr Lumby. Eleven meetings,
Lent and Summer Terms.

Ac161 Financial Management and Reporting for the Multi-national Firm

Professor Carsberg and others. Eleven meetings, Lent and Summer Terms.

For M.Sc.

Syllabus The course focuses on the special problems that arise as a result of operating in more than one country, including the need to satisfy different, and possibly conflicting, regulations for financial reporting; decisions on investment and financing allied to the management of foreign exchange transactions, and control and evaluation of performance in different environments.

Ac162 Research Topics in Accounting and Finance

Professor Carsberg and others. Ten meetings, Sessional.

For M.Sc. and research students.

Ac170 Financial Reporting and Management

Dr Walker.

Fifteen meetings, Lent and Summer Terms.

For M.Sc.

Syllabus The course provides an introduction to the uses and limitations of accounting techniques and other aspects of financial management. It deals with general principles and illustrations of applications of those principles to practical problems.

Anthropology

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; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The origins and scope of social anthropology and its relation to other subjects; its key concepts and problems. Religious belief and ritual; magic and witchcraft; symbolism and myth. The organisation of society: environment, resources and their distribution; marriage, kinship and descent. Power and social order; custom and law; conflict and change.

Recommended reading B. Malinowski, *Argonauts of the Western Pacific*; E. E. Evans-Pritchard, *The Nuer*; *Witchcraft, Oracles and Magic among the Azande*; Julian Pitt-Rivers, *People of the Sierra*; R. Fox, *Kinship and Marriage*; S. Roberts, *Order and Dispute*; P. Cohen, *Modern Social Theory*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; I. M. Lewis, *Social Anthropology in Perspective*.

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; B.A. Soc. Anth. and Med. Hist.

An101 Race and Culture

Dr Gell. Michaelmas and Lent Terms.

This course will not be given in 1982-83.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.

Syllabus Human origins and the evolution of man as a species. Adaptation and racial diversity. Toolmaking and language. Biological and evolutionary perspectives on human social behaviour. Ethology and the relation between

learned and innate behaviour. Social communication in animals and man. Early experience, attachment and the development of social relations.

Essential reading R. Hinde, *Biological Basis of Human Social Behaviour*; *Non-Verbal Communication*; J. Eibl-Eibesfeldt, *Ethology*; V. Reynolds, *The Biology of Social Action*; B. Campbell, *Human Evolution*; S. H. Katz (Ed.), *Biological Anthropology*; J. Bowlby, *Attachment*, Vol. I; J. Aitchison, *The Articulate Mammal*; M. Sahlins, *The Use and Abuse of Biology*; R. Dawkins, *The Selfish Gene*.

An101(a) Classes

In connection with Course An101.

This course will not be given in 1982-83.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.

An102 Elementary Ethnography

Dr Loizos and Dr Woodburn. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.

Syllabus Part I of the course will look at some problems in (1) Stratification; (2) Kinship, marriage and the family; (3) Witchcraft.

Recommended reading M. Marriott (Ed.), *Village India*; A. Béteille (Ed.), *Social Inequality*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*; M. Marwick (Ed.), *Witchcraft and Sorcery*.

Syllabus Part II Five societies, all of them small-scale and 'exotic', will be examined in order to explore cross-cultural variation in customary practice and ways in which social anthropologists seek to understand and explain it. This half of the course will be closely linked with our ethnographic film series (Course An400) and all students will be expected to attend it.

Essential reading R. Lee, *The !Kung San: Men, Women and Work in a Foraging Society*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; M. Young, *The Ethnography of Malinowski*; K. Heider, *Grand Valley Dani: Peaceful Warriors*; N. Chagnon, *Yanomamo: The Fierce People*.

Additional reading will be specified 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.; B.A. Soc. Anth. and Med. Hist.

An200 Studies of Kinship

Dr McKnight and Dr Kaplan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The analysis of institutions of kinship, marriage and the family. **Recommended reading** M. Fortes, *Kinship and the Social Order*; R. Fox, *Kinship and Marriage*; E. Leach, *Pul Eliya*; G. Witherspoon, *Navaho Kinship and Marriage*; J. Kaplan, *The Piaroa*; J. Goody, *The Character of Kinship*; R. Keesing, *Kin Groups and Social Structure*; E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *The Elementary Structures of Kinship*; R. Needham (Ed.), *Rethinking Kinship and Marriage*.

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; B.A. Soc. Anth. and Med. Hist.

An201(i) Economic Institutions

Dr Fuller. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The cultural framework of different economic systems and their working; the economic organization of peasant and primitive production; economic structure and kinship structure; property; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

Essential reading R. Firth (Ed.), *Themes*

in Economic Anthropology; E. E. Le Clair and H. K. Schneider (Eds.), *Economic Anthropology*; J. M. Potter, M. N. Diaz and G. M. Foster, *Peasant Society*; M. Sahlins, *Stone Age Economics*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*; H. K. Schneider, *Economic Man: the anthropology of economics*; M. Godelier, *Rationality and Irrationality in Economics*; G. Dalton (Ed.), *Tribal and Peasant Economies*; C. Forman, *The Raft Fisherman*; S. Gudeman, *The Demise of a Rural Economy*.

An201(ii) Political Institutions

Dr Sallnow. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus Political organization and political community; politics and ritual; political competition, conflict and factionalism; stratification: caste, ethnicity and class in modern world.

Essential reading G. Balandier, *Political Anthropology*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; F. Barth, *Political Leadership among Swat Pathans*; E. R. Leach, *Political Systems of Highland Burma*; A. Béteille, *Caste, Class and Power*; J. Breman, *Patronage and Exploitation*; A. Cohen, *Custom and Politics in Urban Africa*; A. L. Epstein, *Politics in an Urban African Community*.

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; B.A. Soc. Anth. and Med. Hist.

An300 Magic and Religion

Dr Fuller and Dr Sallnow. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. final yr. and other graduate students.

Syllabus Development of the anthropological study of religion. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; shamanism;

totemism; ancestor worship. Regional cults and pilgrimage. Religion and the structure of society; great and little traditions.

Essential reading E. Durkheim, *The Elementary Forms of the Religious Life*; C. Lévi-Strauss, *The Raw and the Cooked*; Totemism; M. Douglas, *Purity and Danger*; J. Middleton, *Lugbara Religion*; V. Turner, *The Forest of Symbols*; E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande*; W. Christian, *Person and God in a Spanish Valley*; R. Werbner (Ed.), *Regional Cults*; H. Hubert and M. Mauss, *Sacrifice*; S. Tambiah, *Buddhism and the Spirit Cults in North-East Thailand*.

Further reading will be suggested during the course.

An300(a) Classes

In connection with Course An300.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II.

An301 Advanced Ethnography

For B.Sc. c.u. main fields Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. Any two of the following half-unit courses must be taken.

(i) Latin America: Lowlands

Dr Kaplan. Ten lectures, Michaelmas Term.

This course is not available in 1982-83.

Syllabus 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.

Essential reading P. Lyon (Ed.), *Native South Americans*; D. Cross (Ed.), *Peoples and Cultures of Native South America*; I. Goldman, *The Cubeo*; P. Rivière, *Marriage among the Trio*; J. Kaplan, *The Piaroa*; G. Reichel Dolmatoff, *The Shaman and the Jaguar*; C. Lévi-Strauss, *The Raw and the Cooked*.

Further reading will be given during the course.

(ii) Latin America: Highlands

Dr Sallnow. Ten lectures, Lent Term.

This course is not available in 1982-83.

Syllabus Historical background; the development of the colonial and republican economies; highland ecology and production systems; power and clientage; markets, fiestas and migration. The focus of the course will be the Andean area, with comparative material being drawn from Mexico and Meso-America.

Essential reading G. Pendle, *A History of Latin America*; W. Stein, *Hualcan: Life in the Highlands of Peru*; M. Mörner, *Race and Class in Latin America*; S. Brush, *Mountain, Field and Family: The Economy and Human Ecology of an Andean Valley*; F. Cancian, *Economics and Prestige in a Maya Community*; P. Hauser, *Urbanisation in Latin America*.

(iii) Madagascar

Dr Bloch. Ten lectures, Michaelmas Term.

This course is not available in 1982-83.

Syllabus The course will deal with ethnographies of various peoples of Madagascar within the context of historical changes in Madagascar from the eighteenth century to the present day. **Recommended reading** will be given during the course.

(iv) Hunters and Gatherers of Sub-Saharan Africa and of India

Dr Woodburn. Ten lectures, Michaelmas Term.

Syllabus A discussion of the implications of recent anthropological research among hunting and gathering societies with particular attention given to Sub-Saharan Africa and to India.

Recommended reading 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*; J. C. Woodburn, 'Hunters and Gatherers Today and Reconstruction of the Past' in E. Gellner (Ed.), *Soviet and Western Anthropology*. Additional ethnographic source material will be suggested during the course.

(v) Australian Aborigines

Dr McKnight. Ten lectures, Lent Term.

Syllabus This course deals with the present day situation of Australian Aborigines as well as their traditional way of life. The main topics are social change, the relationship between the Australian Aborigines and European Australians, religious beliefs and practices, dancing, conflict and social control, local and social organization, and kinship and marriage.

Recommended reading R. M. Berndt, *Australian Aboriginal Anthropology*; A. P. Elkin, *The Australian Aborigines: How to Understand Them*; K. Maddock, *The Australian Aborigines*; J. Goodale, *Tiwi Wives*; C. W. M. Hart and A. Pilling, *Tiwi: A North Australian Society*; W. L. Warner, *A Black Civilization*; B. Spencer and F. J. Gillen, *The Native Tribes of Central Australia*; T. G. H. Strehlow, *Aranda Traditions*; M. Megitt, *Desert People*; R. Tonkinson, *The Mardudjara Aborigines*.

(vi) Melanesia

Dr Gell.

This course is not available in 1982-83.

(vii) Mediterranean

Dr Loizos. Ten lectures, Michaelmas Term.

This course is not available in 1982-83.

Syllabus This course will concentrate on the transformation of rural localities by their incorporation into the nation-state, and the national and international economy. Particular attention will be paid to the uses made of historical data, and to changes in the condition of women in an area where patriarchy has been particularly deeply entrenched.

Recommended reading J. Davis, *Peoples of the Mediterranean*; J. K. Campbell, *Honour, Family and Patronage*; J. Pitt-Rivers, *The People of the Sierra*; M. Gilks, *Saint and Sufi in Modern Egypt*; E. Gellner, *Saints of the Atlas*; V. Maher, *Women and Property in Morocco*; J. Schneider and P. Schneider, *The Political Economy of Western Sicily*; J. W. Cole and E. Wolf, *The Hidden Frontier: Ecology and Ethnicity in an Alpine Valley*; J. Davis, *Land and Family in Pisticci*; J.

Cutileiro, *A Portuguese Rural Society*; J. du Boulay, *Portrait of a Greek Mountain Village*; A. Cohen, *Arab-Border Villages in Israel*.

(viii) India

Dr Parry. Ten lectures, Lent Term.

Syllabus This course will deal with the ethnography of India with special reference to analyses of the caste system and the sociology of Hinduism.

Essential reading L. Dumont, *Homo Hierarchicus*; D. Pocock, *Kanbi and Patidar*; W. D. O'Flaherty, *Asceticism and Eroticism in the Mythology of Siva*; Veena Das, *Structure and Cognition: Aspects of Hindu Caste and Ritual*; D. Pocock, *Mind, Body and Wealth*; A. Mayer, *Caste and Kinship in Central India*; J. P. Parry, *Caste and Kinship in Kangra*; M. M. Srinivas, *Religion and Society among the Coorgs' Caste in Modern India and Other Essays*; A. Bêteille, *Caste, Class and Power*.

Students are also referred to the journal *Contributions to Indian Sociology*. Other reading will be given during the course.

Possible other areas:

Teaching *might* 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, South-East Asia.

An301(a) Classes

In connection with Course An301.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II.

An302 Linguistics and Anthropological Problems

Dr Bloch. Sessional.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; M.Sc. **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: J. B. Pride and J. Holmes, *Sociolinguistics*; J. Goody (Ed.), *Literacy in Traditional Societies*; J. J. Gumperz and D. Hymes (Eds.), *Directions in Sociolinguistics*; M. Bloch (Ed.), *Political Language, Oratory and Traditional Society*; B. Berlin and P. Kay, *Basic Color Terms*; R. Bauman and J. Sherzer, *Explorations in the Ethnography of Speaking*; B. Malinowski, *The Language of Magic and Gardening (Coral Gardens and their Magic, Vol. II)*; B. L. Whorf, *Language, Thought and Reality*; D. Hymes (Ed.), *Language in Culture and Society*; J. Searle, *Speech Acts*; R. Lakoff, *Language and Woman's Place*. Further reading will be given during the course.

An302(a) Classes
In connection with Course An302.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

Note: Students taking Anthropological Linguistics should also attend Course Ln100.

An303 Advanced Theory of Social Anthropology: Selected Topics and History

Dr Bloch and Dr Parry. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.A. Soc. Anth. and Med. Hist. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Selected Topics

Syllabus Michaelmas Term: Types of interpretation and explanation used in social anthropology.

Essential reading C. Lévi-Strauss, *Structural Anthropology II*; B. Wilson (Ed.), *Rationality*; R. A. Manners and D. Kaplan (Eds.), *Theory in Anthropology*; M. Godelier, *Perspectives in Marxist Anthropology*; R. Needham, *Structure and Sentiment*; M. Bloch, *Marxist Analyses and Social Anthropology*; P. Bourdieu, *Outline of a Theory of Practice*; J. Piaget, *Structuralism*; A. R. Radcliffe Braun, *Structure and Function in Primitive Society*; C. Geertz, *The Interpretation of Cultures*; M. Sahlins, *Culture and Practical Reason*; S. Lukes, *Durkheim*.

Syllabus Lent Term: Selected themes from the history of anthropology.

Essential reading G. Stocking, *Race, Culture and Evolution*; J. W. Burrow, *Evolution and Society*; H. Maine, *Ancient Law*; E. Evans-Pritchard, *Theories of Primitive Religion*; E. Durkheim, *Elementary Forms of the Religious Life*; R. Bendix, *Rules of Sociological Method*; R. Bendix, *Max Weber: an Intellectual Portrait*; M. Weber, *The Sociology of Religion*; R. Hertz, *Death and the Right Hand*; L. Levy-Bruhl, *How Natives Think*.

An303(a) Classes
In connection with Course An303.

An304 Social Aspects of Political and Economic Development

Dr Loizos and Dr Wallman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. final yr. **Syllabus** Anthropological perspectives on development and change in Third World/rural and European/industrial settings, with explicit emphasis on research methods throughout.

Michaelmas Term: Dr Loizos - Selected Topics in Rural Development

Essential reading G. Barraclough, *An Introduction to Contemporary History*; P. Marris, *Loss and Change*; I. Oxaal, T. Barnett and D. Booth, *Beyond the Sociology of Development*; S. Wallman (Ed.), *Perceptions of Development*; P. Worsley (Ed.), *Two Blades of Grass*.

Lent Term: Dr Wallman - Ethnic Relations in Industrial Europe

Essential reading M. Banton (Ed.), *Social Anthropology of Complex Societies*; A. Cohen (Ed.), *Urban Ethnicity*; A. L. Epstein, *Ethos and Identity*; C. Mitchell (Ed.), *Social Networks in Urban Situations*; S. Wallman (Ed.), *Ethnicity at Work*.

Further reading will be given during the course.

An304(a) Classes
In connection with Course An304.

An400 A Programme of Ethnographic Films

Dr Woodburn, Michaelmas and Lent Terms.

For all students, undergraduate and graduate, taking Anthropology as any part of their course.

An500 Seminar on Anthropological Theory
Professor Lewis and others. Sessional.

For senior graduate students. Admission by permission.

An501 Field Research Seminar (Anthropology)

Dr Loizos and others. Michaelmas Term.

For all graduate students currently engaged in preparing theses.

An502 Teaching Seminars (Anthropology)

Dr Parry and Dr Kaplan.

Sessional for full-time students.

Separate seminars for part-time students will also be arranged by Dr Bloch and Dr McKnight.

For M.Phil. graduate students taking qualifying examinations and M.Sc.

An503 Thesis-Writing Seminar
Dr Woodburn. Lent and Summer Terms.

For research students.

An504 Intercollegiate Seminars for Staff and Senior Graduate Students

To be arranged.

Admission by permission of Seminar Chairman.

Academic Visitors in the Department of Anthropology

Professor Asen Balikci
University of Montreal.

Professor Ian Keen
University of Queensland.

Occasional lectures on special subjects may be arranged.

Business Studies

BS100 Selected Issues in Business Policy, Organisation, and Financial Management

Professor Edey, Professor Roberts, Professor Thurley and Professor Yamey. Seminars and lectures, Sessional.

For Dip. Bus. Studies.

Recommended reading A. P. Robson, *Essential Accounting for Managers*; J. R. Franks and J. E. Broyles, *Modern Managerial Finance*; A. J. Merrett and A. Sykes, *The Finance and Analysis of Capital Projects* (2nd edn.); H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; C. F. Bloom and H. A. Northrup, *Economics of Labour Relations*; P. B. Doeringer et al. *Industrial Relations in International Perspective*; P. Prasow and E. Peters, *Arbitration and Collective Bargaining*; Cuthbert and Hawkins (Ed.), *Company Industrial Relations Policies*; D. McFarlane (Ed.), *Readings in Personnel Management*; T. Lupton (Ed.), *Wage Payment Systems*; R. Bennett, *Managing Personnel and Performance*; T. Devos, *U.S. Multinationals and Worker Participation in Management*; B. C. Roberts (Ed.), *Towards Industrial Democracy*; R. Taylor, *The Fifth Estate*.

Further references will be given during the course.

Other courses for the Diploma are listed under their various subject headings.

Economics

Ec100 Economics A1

Mr Klappholz.

Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc., Soc. Psych.; optional for Dip. Soc. Plan.
In certain cases students can choose between courses Ec100 and Ec101.

Syllabus The pervasive effects of scarcity. The appraisal of institutions and policies in the light of some recent developments in economics. Markets, market failure and political failure. Aims and policies regarding inflation and employment.

Ec100(a) Classes

Sessional.

Ec101 Economics A2

Dr Barr and Dr Whitehead.

Thirty-six lectures, Sessional.

For B.Sc. (Econ.) Parts I and II;
B.A./B.Sc. c.u. main fields Geog., Man. Sci., Soc. Anth., Soc., Soc. Psych.; B.Sc. S.S. and A. 1st yr.; Dip. Acct.; Dip. Bus. Studies; Dip. Man. Sci.; M.Sc. final yr.
In certain cases students can choose between courses Ec100 and Ec101.

Syllabus This course gives a foundation in economic theory, primarily for those who have done no economics before. The course is suitable for those who intend to do further economics, either specialist or non-specialist. No knowledge of algebra is assumed. The course covers standard micro- and macro-economic theory and its extensions, and some aspects of income distribution. Topics dealt with include demand and supply, theories of utility and cost, market structures, optimality, theories of wages and labour supply, macro-economic equilibrium in the goods and money markets, unemployment, inflation, and the balance of payments.

Recommended reading The main textbooks include W. A. Baumol and A. S. Blinder, *Economics: Principles and Policy*; R. G. Lipsey, *An Introduction to Positive Economics*; P. A. Samuelson, *Economics*. Useful introductions to the subject include M. Stewart, *Keynes and After*, J. Robinson, *Economic Philosophy*.

Ec101(a) Classes

Ec102 Economics B

Professor Morishima. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.

Syllabus The course on purpose deviates from the orthodox line with the intention of providing an alternative method of thinking for those students who have already studied A-level economics. The first half discusses the determination of prices of various commodities such as agricultural and mineral products (in perfectly organised markets with auctioneers), manufacturing products (by the full cost principle), bills of foreign exchange (in a competitive market without auctioneer), and so on. The second half examines an economy which imports raw materials (agricultural and mineral products) and exports manufacturing products for the quantity mechanism for market clearing. The effects of Keynesian fiscal expansion as well as the effects of monetarist control of government finance and banking will also be discussed.

Recommended reading J. R. Hicks, *The Social Framework*; M. Morishima, *The Economic Theory of Modern Society*; P. A. Samuelson, *Economics*.

Ec102(a) Classes

Sessional.

Ec103 Basic Mathematics for Economists

Dr Shorrocks. Thirty lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Man. Sci., Geog., Soc. Psych.; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus

A: (MICHAELMAS AND LENT TERMS)

Elementary functions; vectors and matrices; differentiation and simple integration; maximisation of functions; economic applications.

B: (LENT AND SUMMER TERMS) Functions of several variables; constrained optimisation; elementary dynamic models.

C: (LENT AND SUMMER TERMS) c.f. course SM100.

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

Ec104 Introduction to Mathematical Economics

Dr Glaister. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.

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 using elementary mathematical tools. Extensive use will be made of M. A. M. Smith's book.

Recommended reading R. G. Lipsey, *An Introduction to Positive Economics*; M. A. M. Smith, *A Mathematical Introduction to Economics*.

Ec104(a) Classes

Ec105 Economic Aspects of British Social Services

Dr Barr and Professor Layard. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. Option I.

Syllabus The objectives of state activity in the social services and the forms of state activity that are appropriate.

Redistribution in cash and kind. The economics of education, health and housing, income redistribution, National Insurance, and non-contributory income support schemes.

Selected reading J. Le Grand and R. Robinson, *The Economics of Social Problems*; 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; N. A. Barr, "Labour's Pension Plan: A Lost Opportunity?", *British Tax Review*, Nos. 2 and 3, 1975.

Ec110 General Economics

Mr Marin and Dr Le Grand.

Twenty-four lectures, Sessional. For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. 2nd or 3rd yr.

Syllabus This is a course of general economics for students with some training in elementary economics. It will concentrate on macro-economic and micro-economic problems (with examples based primarily on the U.K.) including unemployment, inflation, economic growth, industrial policy, health care, education and income distribution. An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

Ec110(a) Classes

Twenty classes, Sessional.

Ec111 Economic Principles

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Bus. Studies; Dip. Econ.

Description of course An intermediate level course covering the theory of the household and firm; partial and general equilibrium analysis of exchange and production; the determination of employment, the price level, the rate of inflation and the balance of payments.

(i) Micro-Economic Theory

Mr Gould. Twenty lectures, Michaelmas and Lent Terms.

Recommended reading Main texts: D. Laidler, *Introduction to Microeconomics*; J. Hirschleifer, *Price Theory and Applications*.

Detailed reading will be given at the beginning of the course.

(ii) Macro-Economic Theory

Dr Hindley. Twenty lectures, Michaelmas and Lent Terms.

Recommended reading R. Dornbusch and S. Fischer, *Macroeconomics*; T. F. Dernburg and D. M. McDougall, *Macroeconomics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

Ec111(a) Classes

Twenty-four classes, Sessional.

Ec112 Problems of Applied Economics

Professor Atkinson and Mr Marin.

Sessional.

For B.Sc. (Econ.) Part II; Dip. Econ.

(i) Applied Micro-Economics

Description of course The course will deal with the application of economic principles and quantitative methods to applied economic problems. It will concentrate on a selection of topics of current interest, covering both micro- and macro-economics. A detailed outline of the contents of the course and a reading list will be circulated at the beginning of the course.

(ii) Applied Macro-Economics

Description of course Inflation, unemployment and stabilisation in closed and open economies.

Useful background reading J. Trevithick, *Inflation*; J. Fleming, *Inflation*.

Detailed reading will be given at the beginning of the course.

Ec112(a) Classes

Ec113 Principles of Economics Treated Mathematically

Dr Cowell and Professor

Nickell. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.; Dip. Econometrics.

(i) Micro-Economics

Syllabus Economic principles using mathematical methods where appropriate. Consumer and producer theory, price determination, general equilibrium and welfare economics.

Recommended reading H. Gravelle and R. Rees, *Microeconomics*; E. Malinvaud,

Lectures on Microeconomic Theory; H. Varian, *Microeconomic Analysis*.

(ii) Macro-Economics

Syllabus Macroeconomic models: the demand for real output, the monetary sector. Stability. The labour market and inflation. The international sector. Elementary mathematical methods will be used where appropriate.

Recommended reading R. Dornbusch and S. Fischer, *Macroeconomics*; D. J. Ott, A. F. Ott and J. H. Yoo, *Macroeconomic Theory*.

Ec113(a) Classes

Ec114 Mathematical Economics

Dr Gale and Dr Horsley. Forty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; M.Sc. prelim. yr.

Ec114(a) Classes

Ec115 Econometric Methods

Mr Pudney. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Stats.; Dip. Econ.

(Note It will be assumed that the students attending this course have taken Elementary Statistical Theory.)

Syllabus Methods of statistical estimation and inference in the linear regression model. Problems arising in simultaneous and dynamic economic models, illustrated by applied econometric work.

Recommended reading J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; J. Kmenta, *Elements of Econometrics*; J. Johnston, *Econometric Methods* (2nd edn.); J. Stewart, *Understanding Econometrics*.

Ec115(a) Classes

Twenty-five classes.

Ec116 Practical Econometrics

Dr Wills. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd yr.; Dip. Econometrics; M.Sc. prelim yr.

Syllabus An introduction to the application of econometrics. A discussion of the design of simple econometric models and the interpretation of econometric estimates, with computer application.

Recommended reading J. Stewart, *Understanding Econometrics*; K. Wallis, *Topics in Applied Econometrics*.

Ec117 Applied Econometrics Dr Desai. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; Dip. Econometrics; M.Sc. prelim. and final yrs.

Description of course An introduction to recent developments in the theory and practice of econometric modelling of economic relationships.

Recommended reading M. Desai, *Applied Econometrics*; J. S. Cramer, *Empirical Econometrics*.

A full reading list will be distributed at the beginning of the course.

Ec118 The Micro-Foundations of Macro-Economics Dr Sutton. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus Markets with imperfect information. The analysis of consumers; sequential search rules in product markets and in labour markets. The analysis of firms: market equilibrium in quasi-competitive models. Non-search models and the persistence of price dispersion. Applications to the micro-foundations of macro-economics. Fixprice and fixwage models, and the nature of Keynesian unemployment equilibrium. Flexprice and flexwage models, and the micro-foundations of the Phillips curve.

Recommended reading M. Rothschild, 'Models of Market Organisation with Imperfect Information: A Survey', *Journal of Political Economy*, 1973; F. H. Hahn, 'Keynesian Economics and General Equilibrium Theory: Reflections on Some Current Debates' in G. C. Harcourt (Ed.), *The Microfoundation of Macroeconomics*; James Tobin, 'Inflation and Unemployment' *American Economic Review*, 1972.

Ec119 Cost-Benefit Analysis Dr Glaister. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus Pure and applied cost-benefit analysis. The prerequisite level of economic theory will be commensurate with that provided by course Ec113, Principles of Economics Treated Mathematically. The level of mathematics will also be similar.

Recommended reading P. R. G. Layard (Ed.), *Cost Benefit Analysis*; D. W. Pearce and C. H. Nash, *The Social Appraisal of Projects*.

Further reading will be given at the beginning of the course.

Ec120 Inflation Mr Thomas. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus A critical survey of some econometric studies of inflation. Single equation models of price and wage inflation in a closed economy. The Phillips curve. Long-run and short-run relationships. Simultaneous equation estimation. The role of trade unions. The formation of expectations. Monetarist theories of inflation. Inflation in the world economy. Incomes policy and the control of wage and price inflation.

Recommended reading R. A. Jackman, C. Mulvey and J. Trevithick, *The Economics of Inflation* (2nd edn.); M. J. Desai, *Testing Monetarism*; R. J. Ball and P. Doyle (Eds.), *Inflation*; J. Kmenta, *Elements of Econometrics*, chapters 8 and 13.

Further reading will be given at the beginning of the course.

Ec123 Quantitative Economics Classes

Twenty Classes, Michaelmas
and Lent Terms.

Ec124 Seminar in Quantitative Economics

Dr Desai and Mr Thomas.
Lent Term.

For B.Sc. (Econ.) Part II.

Ec130 The History of Economic Thought

Lord Robbins. Forty lectures,
Michaelmas and Lent Terms.

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

Syllabus The history of economic thought from the Greeks to the early XXth century. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

Recommended reading The set books by Ricardo and Marshall; M. Blaug, *Economic Theory in Retrospect*. Also: A. Monroe, *Early Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; James A. Gherity, *Economic Thought A Historical Anthology*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; W. Letwin, *The Origins of Scientific Economics*; R. W. Meek, *The Economics of Physiocracy; Precursors of Adam Smith 1750-1776*; H. Higgs, *The Physiocrats*; S. Hollander, *The Economics of Adam Smith; The Economics of David Ricardo*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. Hollander, *David Ricardo*; M. Bowley, *Nassau Senior and Classical Economics*; G. T. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of International Trade*; F. W. Fetter, *Development of British Monetary Orthodoxy, 1797-1825*; 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; The Evolution of Modern Economic Theory*; D. P. O'Brien, *The Classical Economists*; T. W. Hutchison, *A Review of Economic Doctrines 1870-1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, I. Band. A full guide to reading will be distributed at the beginning of the course.

Ec130(a) Classes

Twenty classes, Sessional.

Ec131 Advanced Economic Analysis

Dr Sutton, Dr Dougherty and
Dr Pissarides. Thirty lectures,

Michaelmas and Lent Terms.

For B.S. (Econ.) Part II; Dip. Econ.
Description of course 1. Markets with imperfect information. Market equilibrium in quasi-competitive models. Market breakdown; the market for lemons. Signalling equilibria. 2. Applications to the microfoundations of macroeconomics. Keynesian unemployment equilibrium. Microfoundations of the Phillips curve. 3. Monetary and fiscal policy; government financing and wealth effects. Open economy problems; exchange rate overshooting. Choice of optimal stabilization instruments. Monetary policy with rational expectations. 4. Determination of the rate of profit in the Fisherian model; applications.
Recommended reading M. Rothschild, 'Models of Markets with Imperfect Information: A Survey', *Journal of Political Economy*, 1973; E. Malinvaud, *The Theory of Unemployment Reconsidered*; C. Pissarides, *Labour Market Adjustment*; C. R. S. Dougherty, *Interest and Profit* (chaps. 1-3,7,8).

Ec131(a) Classes

Twenty classes, Michaelmas and
Lent Terms.

Ec132 Economics of Industry Professor Yamey. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip.
Bus. Studies; Dip. Econ.

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. An outline and references will be given at the beginning of the course.

Ec132(a) Classes

Ec133 Selected Topics in the Economics of Industry and Trade

Professor Yamey, Mr Gould,
Mr de Meza, Dr Whitehead and
others. Twenty-two lectures,
Sessional.

For B.Sc. (Econ.) Part II.

Syllabus Topics will be selected from the following: the structure of industry; the economics of licensing; industrial policy;

the joint stock company; the multinational company; the patent system; insurance markets; product liability; organised futures markets; international commodity schemes; pricing practices, systems and policies; innovation; government policies in respect of monopoly and competition, small business, state enterprises, location of industry.

Ec134 Theory of Business Decisions

Professor Foldes. Twenty-two lectures of one-and-a-half hours, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Dip. Econ.

Syllabus The course emphasises the concepts of decision theory and their relationship to economics rather than mathematical or computational methods. A selection will be made from the following topics:

Programming, including shadow prices and their use in schemes of decentralisation. Concepts of probability, including discussion of objective and subjective interpretations. Expected utility. Decision rules for problems involving risk, with selected applications e.g. to insurance or investment problems.

Random processes, information structures, trees and sequential decisions. Concepts of uncertainty analysis, including Bayes and minimax solutions of games against nature and zero-sum two person games.

Organisations considered as games and as teams. Survey of informal organisation theory.

Recommended reading W. Baumol, *Economic Theory and Operations Analysis* (4th edition, chaps. 1-8, 12, 15, 17-19); R. D. Luce and H. Raiffa, *Games and Decisions* (chaps. 1-7, 13); H. Raiffa, *Decision Analysis: Introductory Lectures on Choices under Uncertainty*. Further references will be given during the course.

Ec134(a) Classes

Ec135 Economics of Investment and Finance

Professor Foldes. Fifty lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; M.Sc. final yr.

Syllabus A selection from the following topics: Formulation of problems of intertemporal choice and concepts of income, capital and interest. Optimal policies for accumulation, depletion and replacement of assets. Emergence, appraisal and control of projects. Treatment of risk in the theory of value and capital. Spot and forward markets, sure and contingent contracts. Selection of risky assets, including risk pooling, diversification and insurance. Portfolio selection and pricing in the case of quoted securities. Speculative prices as random processes. The cost of corporate capital, including the effects of dividend policy, gearing, taxation and inflation. Comparison between private and public investment appraisal.

Recommended reading J. Hirshleifer, *Investment, Interest and Capital*; T. E. Copeland and J. F. Weston, *Financial Theory and Corporate Policy* or E. F. Fama, *Foundations of Finance*; M. Allais, "Method of Appraising Economic Prospects of Mining Exploration over Large Territories", *Management Science*, July 1957. Further references will be given during the course.

Ec135(a) Classes

Ec136 Labour Economics Dr Richardson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Econ.
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 inflation, incomes policy.
Recommended reading will be given at the beginning of the course.

Ec136(a) Twenty Classes

Ec137 The Economics of Public Finance

Professor Prest. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: Dip. Econ.

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 and N. A. Barr, *Public Finance in Theory and Practice* (6th edn.); R. A. Musgrave, *Fiscal Systems*; R. A. and P. B. Musgrave, *Public Finance in Theory and Practice* (3rd edn.); R. A. Musgrave, *Theory of Public Finance*.

Ec137(a) Classes

Ec138 Current Issues in Public Finance

Dr Le Grand. Five meetings, Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Econ.
Syllabus A number of current issues in public sector economics will be discussed from the following: the objectives of income redistribution, public choice and the efficiency of government, systems of preference revelation for public goods, national insurance and social security.
Note Students are also referred to Ec143(iii) Economic Aspects of Taxation, Poverty and Redistribution.

Ec139 Monetary Theory Mr Jackman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.
Description of course The nature and function of money. The banking system and financial intermediation. Classical monetary theory and the Keynesian revolution. Modern theories of the demand for money. The control of the money supply, the transmission mechanism of monetary policy and the impact of money on economic activity. The monetarist counter-revolution: neutrality, inflation and rational

expectations. The theory of monetary policy.

Recommended reading H. Visser, *The Quantity of Money*; D. Wrightsman, *An Introduction to Monetary Theory and Policy* (2nd edn.); C. A. E. Goodhart, *Money, Information and Uncertainty*; D. Laidler, *The Demand for Money* (2nd edn.); M. J. Artis and M. K. Lewis, *Monetary Control in the United Kingdom*.

Ec139(a) Classes Fifteen classes, Michaelmas and Lent Terms.

Ec140 International Monetary Theory

Professor Day. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Econ.
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*; M. Chacholiades, *International Monetary Theory and Policy*; H. G. Johnson, *International Trade and Economic Growth* (esp. chaps. 4 and 6); R. A. Mundell, *International Economics*.

Ec141 The British Monetary System

Mr Alford. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Econ.
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 in the U.K.

Recommended reading A. D. Crockett, *Money* (2nd edn.); J. R. S. Revell, *The British Financial System*; D. Gowland, *Monetary Policy and Credit Control*; M. J. Artis and M. K. Lewis, *Monetary Control in the United Kingdom*. For recent developments see *Bank of England Quarterly Bulletin*, *Midland Bank Review*, *The Banker*.

Ec141(a) Classes Ten classes, Lent Term.

Ec142 International Monetary Institutions

Professor Day. Lent Term.

For B.Sc. (Econ.) Part II; Dip. Econ.
Description of course It will primarily be concerned with international monetary history and institutions but will include some discussion of international monetary theory.

Recommended reading B. J. Cohen, *Organizing the World's Money*; L. B. Yeager, *International Monetary Relations*; R. Solomon, *The International Monetary System 1945-1976*; F. Hirsch, *Money International*; R. V. Aliber, *The Political Economy of Monetary Reform*.

Ec143 Introduction to Economic Policy

For B.Sc. (Econ.) Part II; Dip. Econ.

(i) Macro-Economic Management Mr Ormerod. 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 Professor Dorrance. Ten meetings, Michaelmas Term.

Syllabus 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.

Recommended reading C.S.O., *United Kingdom Balance of Payments, 1967-1977; National Income and Expenditures, 1967-77*; I.M.F., *Balance of Payments Manual* (4th edn.), 1977; *The Monetary Approach to the Balance of Payments*; B. J. Cohen, *Organizing the World's Money*; L. A. Metzler, 'The Theory of International Trade' in H. S. Ellis, *A Survey of Contemporary Economics*; A. O.

Krueger, 'Balance of Payments Theory', *Journal of Economic Literature*, March 1969; S. Alexander, 'Effects of Devaluation on a Trade Balance', *Staff Papers*, Vol. II; J. Frenkel and H. G. Johnson, *The Monetary Approach to the Balance of Payments*; A. P. Thirlwall, *Balance of Payments Theory*; R. Dornbusch, *Open Economy Macroeconomics* (chap. 13).

(iii) Economic Aspects of Taxation, Poverty and Redistribution

Professor Atkinson. Ten
meetings, Lent 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 effects of government budget on the distribution of income. Poverty and income maintenance. Different schemes and their relation to the structure of income tax. A reading list will be distributed at the beginning of the course.

Ec143(a) Classes

Ec144 The Economics of the Welfare State

Dr Barr and Dr Le Grand.
Twenty-four lectures, Sessional.
For B.Sc. (Econ.) Part II.

Description of course The course investigates economic aspects of the welfare state, interpreted broadly to include social insurance, retirement pensions, non-contributory benefits, health care, education and housing. The objectives of the welfare state are discussed, followed by analysis of the instruments at the state's disposal for achieving those objectives. The focus of the course is on the underlying economic principles; institutions are not emphasised though, where appropriate, reference will be made to those of the U.K. and other countries, particularly the United States. It will be assumed that students have taken Economic Principles (Ec111) or equivalent.

Recommended reading A. R. Prest and N. A. Barr, *Public Finance in Theory and Practice*; A. J. Culyer, *The Political Economy of Social Policy*; L. McClements, *The Economics of Social Security*; J. G.

Cullis and P. A. West, *The Economics of Health*; R. V. F. Robinson, *Housing Economics and Public Policy*; M. Blaug, *An Introduction to the Economics of Education*; J. Le Grand, *The Strategy of Equality*.

Further reading will be given at the beginning of the course.

Ec144(a) Classes

Ec145 International Economics Dr Kuska and Mr Steuer.

Twenty lectures, Michaelmas
and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.
Description of course The course will cover the theory of comparative cost, tariff theory, customs unions, the benefits and costs of foreign investment and other related topics. 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 A. K. Dixit and V. Norman, *Theory of International Trade*; B. Sodersten, *International Economics*; H. G. Grubel, *International Economics*; H. R. Heller, *International Trade; International Monetary Economics*; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. Bhagwati (Ed.), *International Trade*; R. N. Cooper (Ed.), *International Finance*.

Additional recommended reading will be given at the beginning of the course.

Ec145(a) Classes

Ec146 Economic Development: Introduction to Development Economics

Professor Myint. Twenty
lectures, Michaelmas and Lent
Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.;
M.Sc. final yr.; Optional for Dip. Soc.
Plan.

Syllabus Concepts and measurements 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*; 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*.

Ec146(a) Classes

Twenty classes, Michaelmas and
Lent Terms.

Ec147 Economic Institutions Compared

Professor Wiles and Dr Scott.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.
Description of course Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

Recommended reading M. Bornstein, *Comparative Economic Systems, Models and Cases*; R. L. Carson, *Comparative Economic Systems*; A. Nove, *The Soviet Economic System*; B. Ward, *The Socialist Economy*.

Further reading will be given during the course.

Ec147(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

Ec148 Introduction to National Planning

Professor Wiles and Dr Gomulka. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Econ. **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*; Mahbub-ul-Haq, *The Strategy of Economic Planning: A Case Study of Pakistan*.

Further reading will be given during the course.

Ec148(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

Ec149 The Economics and Geography of Transport

Professor Foster and Dr K. R. Sealy. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; Dip. Geog. Students take Section I and either Section II or Course No Ec 150. 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. The application of cost benefit analysis to transport. Problems of pricing and analysis. Urban transport problems and planning. Early traffic studies; land use — transportation surveys and modelling techniques used in planning. Spatial problems in urban transport planning. **Recommended reading: Section I** K. M. Gwilliam and P. J. Mackie, *Economics and Transport Policy*; D. L. Munby, *Readings in the Economics of Transport*; C. D. Foster, *The Transport Problem*

(Revised Edn.); A. J. Harrison, *Economics of Transport Appraised*; J. M. Thomson, *Modern Transport Economics*; A. A. Walters, *The Economics of Road User Charges*; Ian S. Jones, *Urban Transport Appraisal*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; D. N. M. Starkie, *Transportation Planning, Policy and Analysis*; S. Bendixson, *Instead of Cars*; J. M. Thomson, *Transport Economics*; C. A. Nash, *Public versus Private Transport*; P. R. White, *Planning for Public Transport*; J. M. Thomson, *Great Cities and their Traffic*; D. A. Hensher, *Urban Transport Economics*; M. Buchanan et al, *Transport Planning for Greater London*; S. Plowden *Taming Traffic*; K. Button, *The Economics of Urban Transport*; J. Black, *Urban Transport Planning*.

Description of course: Section II An introduction to the economics and geography of air transport. The economic characteristics of civil aircraft; geography of routes and networks, networks and costs; airport siting and development; airport planning policy in the U.K. (N.B. For the environmental aspects of transport development see Course Gy313.)

Recommended reading: Section II A. H. Stratford, *Air Transport Economics in the Supersonic Era* (2nd edn.); Board of Trade, *British Air Transport in the Seventies*, Edwards Committee, Cmnd. 4018; M. R. Straszheim, *The International Airline Industry*; K. R. Sealy, *Airport Strategy and Planning*; Department of Trade, *Airport Strategy for Great Britain*, Vols. I and II; S. B. Richmond, *Regulation and Competition in Air Transportation*; W. E. O'Connor, *Economic Regulation of the World's Airlines*; R. De Neufville, *Airport Systems Planning*; N. K. Taneja, *Airline Traffic Forecasting*.

Ec149(a) Classes

Ec150 Transport Economics Treated Mathematically

Dr Glaister. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.; Dip. Geog. Students take this course or course No. Ec149 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 S. Glaister, *Fundamentals of Transport Economics*; A. A. Walters in D. L. Munby, *Readings in the Economics of Transport*; W. J. Baumol and D. F. Bradford in *American Economic Review* 1970; T. A. Domencich and D. McFadden, *Urban Travel Demand*; P. R. Stopher and A. H. Meyburg, *Urban Transportation Modelling and Planning*.

Ec151 Economic Applications of Game Theory

Professor Dasgupta. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II. **Syllabus** Exploration of solution concepts in game theory to problems in the theory of externalities, oligopoly and resource allocation under differential information. Students should also attend SM120 Games.

Ec151(a) Classes

Five classes, Lent Term.

Note: For Economic Analysis of Law See Course Number LL127 Dr Hindley, Mr Gould, Mr Klappholz and Mr Bishop. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II. For details of this course see the Law section.

ADVANCED COURSES IN ECONOMICS

Ec202 Preliminary-Year Micro-Economics

Dr Perlman. Michaelmas and Lent Terms.

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 J. Hirshleifer, *Price Theory and its Applications* are good general texts.

Ec202(a) Classes

Sessional.

Ec203 Preliminary-Year Macro-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* (3rd edn., part I 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*.

Ec203(a) Classes

Sessional.

Ec210 Final-Year Mathematics for Economists

Dr Kuska. Twenty lectures, September 1982.

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 A. C. Chiang, *Fundamental Methods of Mathematical Economics*.

Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: Chiang, Chaps. 6–10; E. DOWLING, *Mathematics for Economists*, Chaps. 1–4 (Chaps. 5–12 would be useful) or T. Yamane, *Mathematics for Economists*, chaps. 1, 2 and 3 or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1–10.

Ec210(a) Classes

Ten classes, September 1982.

Ec211 Final-Year Statistics for Economists

Dr Magnus. Twenty lectures, September 1982.

For M.Sc. final yr.

Description of course Descriptive statistics, probability theory, random variables and frequency distributions, the binomial and normal distributions, sampling distributions, estimation, hypothesis testing, confidence intervals, linear regression, correlation.

Reading J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; J. Kmenta, *Elements of Econometrics*.

Ec211(a) Classes

Ten classes, September 1982.

Ec212 Final-Year Micro-Economics

Professor Layard and Professor Atkinson. Twenty two-and-a-half hour lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course 1. Welfare Economics. 2. Consumer Demand and application to pricing and investment and to labour supply. 3. Production theory. 4. Behaviour under uncertainty. 5. General equilibrium. 6. Decisions over time. 7. Imperfect competition. 8. Disequilibrium and constraints.

Selected reading P. R. G. Layard and A. A. Walters, *Microeconomic Theory*; H. Varian, *Microeconomic Analysis*; A. B. Atkinson and J. E. Stiglitz, *Lectures on Public Economics*; H. Gravelle and R. Rees, *Microeconomics*.

Ec212(a) Classes

Ec213 Introduction to the Economics of Uncertainty

Dr Horsley. Eight lectures, Michaelmas Term.

For M.Sc.

Description of course Utility theory and decision theory. Theories of the consumer, portfolio theory, and insurance. Theories of the firm. Uncertainty in market models.

Ec214 Final-Year Macro-Economics

Professor Buiter. Forty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course The determination

of output, employment and the price level. Consumption, investment, monetary and portfolio theory. Open economy macroeconomics. Rational expectations and economic policy design. Stock-slow models. Equilibrium and disequilibrium approaches to unemployment.

Selected reading W. H. Branson, *Macroeconomic Theory and Policy* (2nd edn.); R. Dornbusch, *Open Economy Macroeconomics*.

Ec214(a) Classes

Ec215 Growth and Capital Theory

Dr Gomulka and Dr Dougherty. Ten lectures, Lent Term.

Optional for M.Sc. final yr.

Recommended reading M. Kalecki, 'A Theory of Commodity, Income and Capital Taxation' in *Economic Journal*, 1937 and 'A Theory of Profits' in *Economic Journal*, 1942; N. Kaldor, 'Alternative Theories of Distribution' in *Review of Economic Studies*, 1955-56; L. L. Pasinetti, 'Rate of Profit and Income Distribution in Relation to the Rate of Economic Growth' in *Review of Economic Studies*, 1962; C. R. S. Dougherty, *Interest and Profit*, chaps. 1, 9-12.

Ec216 Methods of Economic Investigation

For M.Sc. final yr.

(i) Econometric Theory and Case Studies

Professor 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 M. B. Stewart and K. F. Wallis, *Introductory Econometrics*; K. F. Wallis, *Topics in Applied Econometrics*; J. Kmenta, *Elements of Econometrics*.

A detailed list of articles will be given at the beginning of the course.

(ii) Practical Applications

Mr Thomas. Eight fortnightly lectures, Michaelmas and Lent Terms.

Description of course Computer estimation and analysis of econometric models.

Ec216(a) Classes

Ec219 Theory of Economic Growth

Professor Morishima. Twenty hours, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course The course discusses various theories of dynamic economics. The main points will be classical, neo-classical and Keynesian views of economic growth; dynamic economics with money; existence and stability of growth equilibrium; flex-price and fixed-price models; disequilibrium analysis; econometric analysis of growth.

Selected reading J. R. Hicks, *Capital and Growth*; J. R. Hicks, *Capital and Time*; F. H. Hahn and R. C. O. Matthews, 'The Theory of Economic Growth: A Survey' (*The Economic Journal*, December 1964); E. Malinvaud, *The Theory of Unemployment Re-Considered*; M. Morishima, *The Theory of Economic Growth: Dynamic Economic Theory*.

Ec220 Theory of Investment Planning

Professor Dasgupta. Twenty-two meetings of two hours, Sessional.

For M.Sc. prelim. and final yrs.

Description of course Multiple goals and the principles of social cost benefit analysis. Optimality, duality and accounting prices. Incomplete rankings and quasi-optimality. Distributional goals, welfare weights and discounting. Valuation of labour, investment and natural resources. Notions of optimum population. Interest groups and feasibility constraints. Decentralized planning mechanisms, with special reference to the problem of incentives; prices versus quantities in plan implementation. **Suggested reading** United Nations, *Guidelines for Project Evaluation*; I. M. D. Little and J. A. Mirrlees, *Project*

Appraisal and Planning for Developing Countries; P. Dasgupta, *The Control of Resources*; C. Blitzer, P. B. Clark and L. Taylor, *Economy-Wide Models and Development Planning*.

Ec221 History of Economic Thought

For M.Sc. final yr.

(i) Classical Economics

Professor Myint and Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

(ii) Economic Theory in Retrospect (Seminar)

Professor Myint and Dr Perlman. Sessional.

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*.

Ec222 Introduction to International Trade and International Monetary Economics

For M.Sc. final yr.

(i) Theory

Dr Hindley and Dr Kuska. Ten lectures, Michaelmas Term. **Recommended reading** A good introduction to International Trade is provided by Caves and Jones, *World Trade and Payments*. A good introduction to International Monetary Economics is to be found in Dornbusch, *International Macroeconomics*.

(ii) History and Institutions

Professor Dorrance. Ten lectures, Michaelmas Term. **Recommended reading** B. J. Cohen, *Organizing the World's Money*; L. B. Yeager, *International Monetary Relations*;

R. Solomon, *The International Monetary System 1945-1976*; F. Hirsch, *Money International*; R. V. Aliber, *The Political Economy of Monetary Reform*; J. K. Horsefield, *The International Monetary Fund 1945-1965*; M. de Vries, *The International Monetary Fund 1966-1971: Annual Reports of International Monetary Fund, Bank for International Settlements*; IBRD, *World Development Report*, 1980.

Ec223 International Trade Theory and Commercial Policy
Dr Hindley. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc. final yr.

Ec223(a) Classes
Michaelmas and Lent Terms.

Ec224 International Monetary Economics
Dr Kuska and Professor Buiters. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc. final yr.

Ec224(a) Classes
Sessional.

Ec226 Theory of Optimal Decisions
Professor Foldes. Twenty-five lectures of one-and-a-half hours, Sessional.
For M.Sc. final yr.
This course will not be given as a separate course in 1982-83 but suitably qualified students may offer the subject "Theory of Optimal Decisions" in the M.Sc. Econ. examination. Such students should attend course Ec135, Economics of Investment and Finance. Familiarity with material covered in Ec134 is assumed; students who have not followed this or an equivalent course may need to attend some of the lectures (not classes) for Ec134.

Ec227 Labour Economics.
Professor Layard and Professor Hart. Thirty-five lectures, Michaelmas and Lent Terms.
For M.Sc. final yr. and other graduate students.

(i) Labour Supply and Demand and Earnings Inequality
Professor Layard. Twenty lectures, Michaelmas and Lent Terms.

Syllabus 1. Labour supply: hours of work; labour force activity of women; occupational choice and human capital formation; education and training. 2. The inequality of earnings: the role of ability, education, family background, unions and luck; lifetime income; evaluating redistributive policies. 3. Labour demand: marginal productivity; demand for men and hours; cyclical variation; discrimination; specific training. 4. Unemployment: structure of unemployment and vacancies; duration and flow; determinants of individual unemployment and aggregate unemployment, long-term and over the cycle; explanation of current unemployment and wage inflation. **Recommended reading** J. F. Burton *et al.*, *Readings in Labour Market Analysis*. Other readings will be recommended during the course.

(ii) Micro Foundations of Wage Inflation and Unemployment
Professor Layard and Professor Hart. Fifteen lectures, Michaelmas and Lent Terms. **Recommended reading** E. S. Phelps *et al.*, *Micro Foundations of Employment and Inflation Theory*; C. Pissarides, *Labour Market Adjustment*.

Ec228 Monetary Economics
Dr Gale and Dr Pissarides. Thirty-five lectures, Sessional.
For M.Sc. final yr. **Description of course** The course will provide students with an introduction to modern monetary analysis and with a unified treatment of important topics in current monetary theory and applied monetary economics.

Ec228(a) Classes
Ten classes, Michaelmas and Lent Terms.

Ec229 Banking and Monetary Policy
Mr Alford. Ten lectures, Lent Term.
For M.Sc. final yr. and other interested students.

Ec231 Welfare Analysis for Transport Economics
Dr Glaister. Five lectures, Michaelmas Term.
For M.Sc. final yr.

Ec232 Economics of Transport: Road and Rail
Professor Foster. Five lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. main field Geog.; Dip. Geog.; M.Sc. final yr.

Ec233 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.

(ii) Shipping and Ports
Professor Bennathan. Four lectures, Summer Term.
For M.Sc. final yr. **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*.

Ec232/233(a) Transport Economics (Class)
Sessional.

Ec234 Transport and Urban Economics (Seminar)
Professor Foster, Dr Glaister, Mr Jackman and Dr Whitehead. Lent Term.
Presentation and discussion of papers by research students, staff members and visitors.

Note Students should also attend course Ec150 Transport Economics Treated Mathematically.

Ec235 Elementary Cost-Benefit Analysis and Valuation of Intangibles
Professor Foster. Six lectures, Lent Term.
For M.Sc. final yr.

Ec236 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 problems of public goods, externalities and their interrelations. Problems of the optimum supply of particular government services will also be discussed. Taxes on personal and corporate income, expenditure, value added and wealth will be analysed in detail. **Selected reading** R. A. Musgrave, *The Theory of Public Finance*; R. A. Musgrave, *Fiscal Systems*; J. E. Meade, *The Structure and Reform of Direct Taxation*; A. S. Blinder, R. M. Solow *et al.*, *The Economics of Public Finance*; A. R. Prest and N. A. Barr, *Public Finance in Theory and Practice*, 6th edn.; C. S. Shoup, *Public Finance*; R. A. Musgrave and P. B. Musgrave, *Public Finance in Theory and Practice*, 3rd edn.; A. B. Atkinson and J. E. Stiglitz, *Lectures on Public Economics*.

Ec237 Seminar in Public Sector Economics
Professor Prest. Fortnightly, Sessional.
For M.Sc. final yr. Others may attend by permission of the teacher concerned.

Ec238 Public Enterprise Economics
Professor Bös. Six hours, Lent Term.
For M.Sc. final yr. **Description of course** Pricing and investment policies of public enterprises.

Ec239 The Economics of Multilevel Government

Dr Le Grand. Five lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The problems posed by different levels of government, e.g. the optimum multilevel structure of government and the sort of fiscal relationships which should exist among the different levels of government, both in terms of equity and the allocation of resources. The emphasis will be on the theoretical rather than the institutional aspects of the subject. A background knowledge of the theory of public goods would be useful.

Recommended reading W. Oates, *Fiscal Federalism*.

Ec240 Economics of Industry

Professor Yamey. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Analysis of the structure of industries: size of plants and firms; concentration; vertical integration; specialisation and diversification; new entry. 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*; O. E. Williamson, *Markets and Hierarchies*; R. Posner, *Antitrust Law: An Economic Perspective*.

Ec240(a) Classes

Lent and Summer Terms.

Ec242 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. Plan.

Description of course The application of economic analysis in the context of less developed countries. Standard topics are treated at an advanced level. Characteristics of poor economies. The vicious circle of poverty and the widening

gap. Implications of migration and population growth. Development of markets. Policies of less developed countries towards industrialization, international trade and stabilization.

Recommended reading P. T. Bauer, *Dissent on Development; Equality, Third World and Economic Delusion*; Y. Hayami and V. W. Ruttan, *Agricultural Development and International Perspectives*; S. Kuznets, *Modern Economic Growth*; W. A. Lewis, *Development Planning*; A. I. MacBean, *Export Instability and Economic Growth*; G. M. Meier, *Leading Issues in Development Economics*; H. Myint, *Economic Theory and the Underdeveloped Countries*; *The Economics of the Developing Countries*; L. Reynolds, *Image and Reality in Economic Development*; T. W. Schultz, *Transforming Traditional Agriculture*.

Further references will be given during the course, with an emphasis placed on recent literature.

Ec243 Seminar on the Economics of Less Developed Countries

Professor Bauer, Professor Myint and Mr Steuer.

Michaelmas and Lent Terms, in conjunction with Course Ec242. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Myint, to whom application should be made in writing.

Ec244 Aspects of Economic Development (Classes)

Fifteen classes, Lent and Summer Terms.

Ec245 Soviet Economic Development

Mr A. Smith. Twenty-five lectures, Sessional.

For M.Sc. final yr. Also suitable for undergraduates.

Description of course The changing institutional framework and mechanisms of the economy, 1917-70: their intellectual origins; the actual performance of the economy. Parallel problems in other communist countries.

Recommended reading N. Spulber, *The Soviet Economy*, 2nd edn.; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook); A. Nove, *Economic History of the USSR*.

Further reading will be given during the course.

Ec246 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.

Ec247 National Economic Planning: Command-type and Indicative

For M.Sc. final yr.

(i) The actual Implementation of Plans: the Range of possible Social and Economic Mechanisms

Professor Wiles. Ten lectures, Michaelmas Term.

Recommended reading A. Brody and A. Carter (Eds.), *Contributions to Input-Output Analysis*, Vol. 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*; L. Johansen, *Lectures in Macroeconomic Planning*, Vols. 1 and 2; D. Liggins, *National Economic Planning in France*; P. Bauchet, *Planning. The French Experience*; C. Blitzer, P. Clark and L. Taylor (Eds.), *Economy-wide Models and Development Planning*; M. Bor, *The Aims and Methods of Soviet Planning*; A. Nove and D. M. Nuti (Eds.), *Socialist Economics*; A. Qayum, *Techniques of National Economic Planning*.

(ii) Quantitative Methods

Dr Gomulka. Twenty lectures, Lent Term.

Description of course Aggregative, input-

output and programming models. Convex programming, shadow prices and decentralised procedures. Models of balances and the French FiFi model.

Ec248 Planning and Comparative Economics (Seminar)

Dr Gomulka and Professor Wiles. Sessional.

For M.Sc. final yr.

Attendance is by permission of Dr Gomulka or Professor Wiles.

Ec249 System Control, Stability and Game-Theoretic Approach to Planning

Dr Zaubergerman. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Recommended reading will be given at the beginning of the course.

Ec250 Economics of Education and Manpower Planning

Dr Psacharopoulos. Ten lectures, Michaelmas Term.

This course will not be given in 1982-83.

For M.Sc. final yr.; Dip. Soc. Plan. and other graduate students.

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 Ec227 Labour Economics.

Ec253 Marx, Walras and Keynes in the Light of Contemporary Economic Analysis
For M.Sc. final yr.

(i) Value and Methodology

Professor Wiles. Lent Term.
Syllabus Ricardo's and Marx's micro-economics: Labour theory of value. Theory of exploitation. Transformation problem. The methodology of Smith, Ricardo, Marx, the Historical School, the Marginalists, Keynes, Friedman.
Recommended reading K. Marx, *Capital* Vol. I chaps. 1-3, Vol. III chap. 12; M. Morishima, *Marx's Economics*; P. A. Samuelson in *Journal of Economic Literature* June 1971; Piero Mini, *Philosophy and Economics* chap. 13; M. Friedman, "The Methodology of Positive Economics" in his *Essays in Positive Economics*; P. Wiles in *J.P.K.E.* 1979.

(ii) Marx, Keynes and the Neo-Classicals

Dr Desai. Michaelmas and Summer Terms.

Syllabus Theory of a monetary economy as contrasted to a barter economy in the writings of Marx, Wicksell, Walras, Hayek, Myrdal and Keynes.
(I) Marx's three circuits of capital and the theory of money and accumulation.
(II) Wicksell's theory of monetary equilibrium and its critique and reformation by Myrdal, Hayek and Keynes.
(III) Keynes' General Theory as a monetary theory of production.
(IV) Money in a Walrasian general equilibrium model.
Recommended reading Marx, *Capital*, Vol. 2; M. J. Desai, *Marxian Economics*; K. Wicksell, *Interest and Prices, Lectures in Political Economy* Vol. 2; G. Myrdal, *Monetary Equilibrium*; F. Hayek, *Prices and Production*; J. M. Keynes, *A Treatise on Money*, Vol. 1; *General Theory of Employment, Interest and Money*; E. R. Weintraub, *Microfoundations of Macroeconomics*.

Ec254 Marx, Walras and Keynes in the Light of Contemporary Economic Analysis (Seminar)

Dr Desai.
Lent and Summer Terms.
For M.Sc. final yr.

Ec255 Economic Organisation of the European Community
Professor Dorrance and others. Sessional.

For M.Sc. final yr.
Description of course A selection of the key economic issues in the process of European integration will be examined. Students will be encouraged to follow one of these topics in the form of a seminar paper. The issues covered will include customs union, monetary union, agricultural policy, and fiscal harmonization. The series of seminars concurrent with the course will include both outside speakers and student presentations.
Recommended reading F. Machlup, *A History of Thought on Economic Integration*; F. Machlup (Ed.), *Economic Integration, Worldwide, Regional, Sectoral*; J. Meade, *The Theory of Customs Union*; D. Swann, *The Economics of the Common Market*; A. M. El-Agraa, *The Economics of the European Community*.

Ec256 Economic Organisation of the European Community (Seminar)

Professor Dorrance, Mr Marin and others. Michaelmas and Lent Terms.
For M.Sc. final yr.

Ec257 Basic Economic Concepts

Professor Dorrance. Twenty lectures, Michaelmas Term.
Syllabus A survey of some of the basic concepts and non-mathematical approaches widely used in the analysis of economic problems. This course is intended for students taking degrees in departments other than Economic History, Economics and Statistics, Computing, Demography, Mathematics and Operational Research who consider that their previous training in economic theory is not adequate for the analysis of some of the problems that arise in their work.

Ec258 The Economics of Inequality

Professor Atkinson, Dr Cowell and Dr Shorrocks. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.
Description of course Concepts of justice. The measurement of inequality and poverty. Theories of income and wealth distribution. Public policy towards income and wealth inequality.
Background reading A. B. Atkinson, *The Economics of Inequality*.
Recommended reading will be given at the beginning of the course.

Ec258(a) Classes

Ten classes, Lent and Summer Terms.

Ec259 Seminar on Economic Inequality

Professor Atkinson, Dr Cowell and Dr Shorrocks. Five seminars, Lent Term.
For M.Sc. final yr.

Ec260 The Relationship between Industrial Structure and Technological Change

Professor Dasgupta. Ten lectures, Lent Term.
For M.Sc. final yr.
Syllabus These ten lectures, somewhat theoretical in orientation, will examine models that enable one to study the relationship between market structure and the nature of technological change when both are endogenous. The aim will be to develop simple game theoretic models that will enable one to make contact with several stylized observed relationships between industrial structure and the pace of innovative activity.

Ec261 Inventive Activity, Diffusion and the Dynamics of Long-Term Growth

Dr Gomulka. Ten lectures, Lent Term.
For M.Sc. final yr.
Syllabus Measures of short and long term effects of technological change on outputs

and prices in the n-sector case. Neo-classical versus evolutionary theory of innovation. Optimal direction of technological change. Optimal size of the R & D sector. Models of technological diffusion and growth. Interpretation of the variation in innovation and productivity growth among countries and over time.

Ec262 Institutional and Cultural Factors in Technological Change
Professor Wiles. Nine lectures, Lent and Summer Terms.

For M.Sc. final yr.
Recommended reading E. Mansfield, *The Economics of Technological Change*; J. Needham, *The Grand Titration*; NATO Directorate of Economic Affairs, *East-West Technological Cooperation*, Brussels, 1976; P. Wiles in *Lloyds Bank Review*, 1978; E. Zaleski *et al.* *Science in the USSR*.

Ec263 Technological Change and Transfer (Seminar)

Dr Gomulka and Professor Dasgupta. Lent Term.
For M.Sc. final yr.

ADVANCED COURSES IN ECONOMETRICS AND MATHEMATICAL ECONOMICS

Ec300 Preliminary-Year Seminar in Economics

Professor Atkinson and Professor Dasgupta. Michaelmas and Lent Terms.
For M.Sc. prelim. yr.

Ec301 Preliminary-Year Seminar in Econometrics

Dr Desai and Dr Magnus. Sessional.
For M.Sc. prelim. yr.

Ec302 Graduate Seminar for Advanced Quantitative Economics

For M.Sc. final yr.

(i) Professor Sargan, Dr Desai and Mr Pudney.
Michaelmas Term.

For students taking Quantitative Economics I.

Syllabus The course aims to introduce students to the best examples of applied econometrics available in the journals. Topics include duality theory, discrete choice, rational expectations, causality and exogeneity, disequilibrium models. A reading list will be given at the start of the course.

(ii) Professor Nickell. Lent Term.

For students taking Quantitative Economics II.

Syllabus 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.

Ec303 Advanced Quantitative Economics I and II

For M.Sc. final yr.

(i) Dr Desai and Mr Pudney.
Ten lectures, Michaelmas Term.

For students taking Quantitative Economics I.

Syllabus Methodological topics will be covered as: regression methods, non-linear estimation procedures, forecasting with applications to rational expectation models, optimal control models and models of the firm.

(ii) Professor Nickell. Ten lectures, Lent Term.

For students taking Quantitative Economics II.

Syllabus The course will be devoted to modern macro-economics and the problem of discriminating between 'equilibrium' and 'disequilibrium' viewpoints.

Ec304 Macro-Economic Models

Mr Pudney. Five lectures, Summer Term.

For M.Sc. final yr.

Ec305 Introduction to General Equilibrium

Dr Gale. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.

Ec306 Topics in Advanced Mathematical Economics

Dr Shaked. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.
Syllabus Debreu Scarf theorem. Markets with continuum of traders. Monopolistic competition and product differentiation.

Ec307 Imperfect Competition

Professor Hart. Ten lectures, Lent Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.

Ec308 Equilibrium and Information

Mr Repullo. Ten lectures, Lent Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.

Ec309 Economies with Incomplete Markets

Dr Gale. Ten lectures, Lent Term.

For M.Sc. final yr.; Optional for students taking Advanced Mathematical Economics I.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.

Ec310 Organization and Information

Professor Dasgupta. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.

Description of course A theory of organization will be developed with special attention to differential information possessed by agents. Organizational coordination will be discussed in the context of the theory of teams, to be followed by the problem of incentives arising due to moral hazard and adverse selection.

Suggested reading K. J. Arrow, *The Limits of Organization*; C. B. McGuire and R. Radner (Eds.), *Decision and Organization*.

Ec311 Public Economics

Dr Horsley. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.
Syllabus The programming approach to optimality and equilibrium. The Diamond-Mirrlees Theorems, productive efficiency and optimal taxation. Externalities and public goods. Revelation of preferences and incentive compatibility. Accounting prices and Social Benefit-Cost analysis.

Ec312 Intertemporal Economics

Dr Lane. Ten lectures, Lent Term.

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.
Syllabus Exhaustible resources, optimum population growth and intergenerational equality.

Ec313 Duality, Programming and Economic Theory

Dr Horsley. Ten lectures, Lent Term.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics.
Syllabus Optimisation in infinite dimensional spaces. Measure and integration. Applications to quality equilibrium and economics of uncertainty.

Ec314 Seminar in Mathematical Economics

Professor Hart and Dr Gale. Fortnightly, Sessional.

For M.Sc. final yr.

Ec315 Asymptotic Theory for Econometrics

Professor Sargan. Ten hours, Michaelmas Term.

For M.Sc. final yr.

Description of course Probability limits, asymptotic distribution functions, mean square convergence, stochastic orders of magnitude, central limit theorems. Maximum likelihood estimation, likelihood ratio tests.

References H. Cramer, *Mathematical Methods of Statistics*; C. R. Rao, *Linear Statistical Inference and its Applications*.

Ec316 Advanced Econometric Theory

Professor Sargan. Twenty lectures, Sessional.

For M.Sc. final yr.

Description of course Simultaneous dynamic models. Instrumental variables. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates. Significance tests.

Recommended reading P. Schmid, *Econometrics*; H. Theil, *Principles of Econometrics*; E. Malinvaud, *Statistical Methods of Econometrics*.

Ec317 Bayesian and Decision Theory Methods

Professor Sargan. Ten lectures, Lent Term.

For M.Sc. final yr.

Ec318 Quantal Choice

Dr Wills. Five lectures, Michaelmas Term.

For M.Sc. final yr.

Ec319 Details to be announced.

Ec320 Statistical Forecasting and Control

Mr Harvey. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course Forecasting methods based on the Kalman filter; time-varying parameter models; unobserved component models. Control theory.
Recommended reading A. C. Harvey, *Time Series Models*; G. Chow, *Analysis and Control of Dynamic Economic Systems*.

Ec321 Non-Linear Techniques in Econometrics

Mr Davidson. Ten lectures, Lent Term.

Description of course Numerical methods for non-linear optimization. Identification. Maximum likelihood and minimum distance estimations. Non-linear simultaneous equations models.

Ec322 Matrix Differential Calculus and Econometrics

Dr Magnus. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course Moore-Penrose inverse, Kronecker products, differentiability in R^n , Jacobian and Hessian matrices. Identifiability. Chain rules. Optimization. Lagrange multipliers. The general linear model. Maximum likelihood estimation. Linear structures. Symmetry, position definiteness and other restrictions. Inequalities.

Ec323 Seminar in Econometrics

Dr Desai, Mr Harvey and Professor Sargan. Fortnightly, Sessional.

For M.Sc. final yr.

ADVANCED COURSES IN REGIONAL AND URBAN PLANNING STUDIES

Ec400 Elements of Urban and Regional Economics

Dr Whitehead. Seventeen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Determinants of residential and industrial location; city and regional income determination, growth and decline;

government intervention: problems of externalities, the provision of local public goods, investment and output decisions, pricing, taxation and subsidy within an urban and regional context.

Distributional aspects of urban and regional decisions. Inter-area trade.

Recommended reading H. Richardson, *Regional and Urban Economics*; K. J. Button, *Urban Economics: Theory and Policy*; A. J. Harrison, *Economics of Land Use Planning*; H. Armstrong and J. Taylor, *Regional Economic Policy and its Analysis*; G. McCrone, *Regional Policy in Britain*; L. Needleman, *Economics of Housing*.

Further reading will be suggested at the beginning of the course.

Students should also attend Course No. Ec235.

Ec400(a) Classes

Ten classes, Michaelmas and Lent Terms.

Ec401 Seminar in Regional and Urban Economics

Professor Day and Mr Jackman. Fifteen meetings, Lent and Summer Terms.

M.PHIL./PH.D. IN ECONOMICS

Ec410 Topics in Economic Analysis

Professor Atkinson and others. Thirty seminars, Michaelmas and Lent Terms.

Description of course The course will provide selective coverage of promising research areas in economics.

Ec411 Seminar in Research Strategy

Mr Steuer and Dr Desai. Twenty hours, Michaelmas and Lent Terms.

Description of course The seminar will emphasize the selection of research topics and the design of feasible research programmes.

Ec412 Seminar for Research Students in Economics

For all students registered for M.Phil. or Ph.D. degrees in Economics.

The seminar meets weekly throughout the academic year. The basic purpose of the seminar is to present and discuss work which bears on the problems of selecting and defining research topics, and work which bears on the successful execution of economic research. The approach is informal and an emphasis is placed on allowing adequate time, more than one week on a single paper if necessary, so that questions raised by the speaker or the participants may be satisfactorily resolved. Members of the seminar may suggest and agree on inviting outside speakers. The majority of the papers consist of students' research work at various stages of progress. For suggestions or questions contact Mr Steuer.

OTHER ADVANCED COURSES

For courses intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

Ec450 Money and Macro-Economics Workshop

Mr Alford, Dr Pissarides and Professor Buitter. Sessional.

The workshop is for academic staff, research students, academic visitors and others invited to attend. On occasion M.Sc. students may attend by permission. It will cover theory, empirical testing and current problems and policy in the field of monetary and macro-economics.

Ec451 Workshop in Labour Economics

Professor Layard. Fortnightly, Lent Term.

The workshop will consider current research in Labour Economics.

Ec452 Seminar on Unemployment

Professor Layard. Fortnightly, Sessional.

This is primarily a staff seminar, but students wishing to attend should ask Professor Layard.

LSE COURSE FOR BANKERS ONLY

Ec470 International Financial Institutions

Professor Dorrance. Six lectures.

For LSE Course for Bankers students only.

Ec471 The Law of International Banking and Finance

Mr Tennakoon. Twelve lectures. For LSE Course for Bankers students only.

Ec472 The Analysis of Financial Decisions

Mr Lumby and Ms Rutterford. Six lectures of two hours.

For LSE Course for Bankers students only.

Ec473 Stock Exchange Investment

See Course Ac111.

Ec474 Cash Flow Analysis and Capital Budgeting

Mr Templeton. Six lectures of two hours.

For LSE Course for Bankers students only.

Ec475 Banking and Money Markets

Mr Alford. Six meetings.

For LSE Course for Bankers students only.

Ec476 International Monetary Experience

Professor Dorrance. Six meetings.

For LSE Course for Bankers students only.

Ec477 Group Discussion Meetings

Twelve meetings.

For LSE Course for Bankers students only.

These meetings are run by the participants themselves, with teachers present at some meetings. They provide the opportunity for each participant to make a presentation for group discussion on his own experiences or interests in banking and finance. Participants should come to the course with some suitable material already prepared; all are encouraged to make a presentation, although this is not compulsory.

Ec478 Banking Seminar I: Technical Banking Topics

Twenty-one seminars of one-and-a-half hours.

For LSE Course for Bankers students only.

The seminars on banking techniques will be given by very experienced bankers from leading London banks. The topics will cover:

Introduction to lending appraisal
Corporate lending and balance sheet
lending and balance sheet interpretation
Case studies in lending appraisal
(3 seminars)
Overseas bonding
Acceptance credits and bill finance
(3 seminars)
Financial futures
International financial markets
(2 seminars)
Foreign exchange forecasting
Country risk
Euro-dollar syndicated credits
(3 seminars)
Project finance
Electronic banking (2 seminars)
Accounting standards for banks

Ec479 Banking Seminar II: The Domestic and International Operations of Banks in London

Nine seminars of one-and-a-half hours.

For LSE Course for Bankers students only. These seminars will be given by leading figures with long experience and will cover:

The London Clearing Banks
The Accepting Houses
The British Overseas Banks
The American Banks in London
Consortium Banks
Bank of England Supervision
Banking - the Corporate Customer's View (3 seminars)

Ec480 Academic Seminars

Six seminars of one-and-a-half hours.

For LSE Course for Bankers students only.

A number of distinguished academics at the London School of Economics will give seminars to the Course for Bankers on aspects of their own specialist fields of study which will be of interest to the course. These seminars will include: Economic Development, Peter Bauer, Professor of Economics
The East European Economies, Peter Wiles, Professor of Economics
Unemployment, Richard Layard, Professor of Economics
U.S. Economic Policy, William Letwin, Professor of Government

Ec481 Visits to Markets and Institutions in London

For LSE Course for Bankers students only.

The Stock Exchange
A Firm of Stockbrokers
The London Metal Exchange
The London Commodity Exchange
Lloyds of London
The Baltic Exchange
The Foreign Exchange Market
The Euro-currency and Sterling Deposit Markets
The London Discount Market
A London Clearing Bank Head Office

Economic History

EH100 The Economic History of Great Britain and the U.S.A., 1850-1939

Mr Baines and Mr Potter.
Twenty-four lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Syllabus This course is intended as an introduction to the main themes of British and American economic history between 1850 and 1939, for both specialist and non-specialist students. It will also examine the processes of economic development and the role of Britain and America in the development and vicissitudes of the international economy.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; E. Hobsbawm, *Industry and Empire 1750-1950* (1969); G. Holmes, *Britain and America: A Comparative Economic History, 1850-1939* (1976); J. Potter, *The American Economy between the World Wars*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; B. W. Poulson, *Economic History of the United States* (1981); R. M. Robertson and G. M. Walton, *History of the American Economy* (1979); P. Temin, *Causal Factors in American Economic Growth in the Nineteenth Century* (1973).
FOR REFERENCE: G. C. Allen, *British*

Industries and their Organisation (1959 or 1961 edn.); H. C. Allen and C. P. Hills (Eds.), *British Essays in American History*; W. Ashworth, *An Economic History of England, 1870-1939*; A. W. Coats and R. M. Robertson (Eds.), *Essays in American Economic History*; R. Floud and D. McClosky, *The Economic History of Britain Since 1700*, Vol. II; A. Harrison, *The Framework of Economic Activity*; M. A. Jones, *American Immigration*; A. G. Kenwood and A. L. Locheed, *The Growth of the International Economy*; W. A. Lewis, *Economic Survey 1919-39*; P. Mathias, *The First Industrial Nation*; G. Porter, *The Rise of Big Business, 1890-1910*; H. N. Scheiber (Ed.), *United States Economic History: Selected Readings*; P. B. Trescott, *Financing American Enterprise*; L. J. Williams, *Britain and the World Economy, 1919-70*.

EH100(a) Classes
Twenty-three classes, Sessional.

EH101 Modern British Society in Historical Perspective

Professor Barker, Dr Earle, Mr Falkus, Professor Hannah, Dr C. M. Lewis and Professor Wrigley. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I; Trade Union Studies.

Syllabus This course is intended for all students who wish to have an historical background to present-day events and not just for those who are proposing to read Economic History in Part II. The three main landmarks in Britain's economic and demographic growth — the later eighteenth century, the later nineteenth century and the years just after the Second World War — will be considered first of all, followed by such topics of current interest as imperialism, the rise of big business, urbanization, poverty, the changing role of women and of the state, class structure, industrial relations, leisure and the media, studied against this broad historical background.

Recommended reading The session's complete programme of lectures and classes (specifically linked to the lectures) and associated reading will be distributed at the beginning of the course.

EH101(a) Classes
Twenty-four classes, Sessional.

EH102 English Economic History in its European Background from 1603 to 1830

Dr Earle. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.
Recommended reading will be given at the beginning of the course.

EH102(a) Classes
Twenty classes, Michaelmas and Lent Terms.

EH103 Economic and Social History of Britain from 1815
Professor Barker and Dr Hunt.
Twenty lectures, Michaelmas

and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
Syllabus Topics include 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; education, the poor law, women in history.
Recommended reading will be given at the beginning of the course.

EH103(a) Classes

Eighteen classes, Michaelmas and Lent Terms.

EH105 Economic History of Western Europe from 1815

Dr Kennedy. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

Syllabus This is an outline course on the economic development of Western Europe since 1815. Attention will be focused on changes in France, Germany, Holland, Belgium and Sweden, but reference will also be made to the experiences of Spain, Italy, Switzerland, Denmark, and Norway. The first half of the course will deal with the process and consequences of industrialization before 1914. The second half will consider the sequence of economic disintegration and integration which has characterized Western Europe since 1914, concluding with an examination of the emergence of the European Economic Community.

Preliminary reading S. Kuznets, *Modern Economic Growth*; J. Mokyr, *Industrialization in the Low Countries, 1795-1850*; D. S. Landes, *The Unbound Prometheus*; S. Pollard, *Peaceful Conquest*; H. J. Habakkuk, *Population Growth and Economic Development Since 1750*; I. Svennilson, *Growth and Stagnation in the European Economy*; F. Caron, *An Economic History of Modern France*; A. S. Milward, *The German Economy at War*; J. R. T. Hughes, *Industrialization and Economic History*; A. Shonfield, *Modern Capitalism*.

EH105(a) Classes

Twenty-five classes, Sessional.

EH106 Economic History of the United States of America

(i) 1790-1865

Mr Potter. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.
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) 1865-1929

Professor Erickson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; 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 during the period.

(ii)(a) Classes

Ten classes, Lent Term.

(iii) The U.S.A. since 1930

Mr Potter, Professor Erickson and others. Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; 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) Students are also advised to consult the reading list for course EH100.

TEXTBOOKS: W. E. Brownlee, *Dynamics of Ascent, a History of the American Economy* (1974); 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); S. P. Lee and P. Passell, *A New Economic View of American History* (1979); A. W. Niemi, *U.S. Economic History* (2nd edn., 1980); B. W. Poulson, *Economic History of the United States* (1981); R. M. Robertson and Gary Walton, *History of the American Economy* (1979); H. N. Scheiber, H. Vatter and H. U. Faulkner, *American Economic History* (1976); S. Ratner, J. H. Soltow and R. Sylla, *The Evolution of the American Economy* (1979).

OTHER WORKS: R. Andreano (Ed.), *The Economic Impact of the American Civil War*; A. G. Bogue, *From Prairie to Corn Belt*; A. D. Chandler, *Strategy and Structure; The Visible Hand*; L. V. Chandler, *America's Greatest Depression, 1929-41*; S. Coben and F. G. Hill, *American Economic History: Essays in Interpretation*; C. Danhof, *Change in Agriculture in the Northern United States, 1820-70*; C. J. Erickson, *Invisible Immigrants*; 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*; 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*; G. Green,

Finance and Economic Development in the Old South; E. F. Haites, J. Mak and G. Walton, *Western River Transportation*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; R. Higgs, *Competition and Coercion: Blacks in the American Economy, 1865-1914*; J. R. T. Hughes, *The Governmental Habit*; 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*; Albro Martin, *Enterprise Denied*; 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*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; G. Porter and H. Livesay, *Merchants and Manufacturers*; J. Potter, *The American Economy between the World Wars*; N. Rosenberg, *Technology and Economic Growth*; E. K. Spann, *The New Metropolis: New York City, 1840-57*; Herbert Stein, *The Fiscal Revolution in America*; W. P. Strassman, *Risk and Technological Innovation*; R. P. Swierenga, *Pioneers and Profits*; G. R. Taylor, *The Transportation Revolution*; P. Temin, *Iron and Steel in Nineteenth-century America; Did Monetary Forces Cause the Great Depression?; The Jacksonian Economy*; R. Timberlake, *The Origins of Central Banking in the U.S.*; Brinley Thomas, *Migration and Economic Growth*; H. G. Vatter, *The Drive to Industrial Maturity: The U.S. Economy, 1860-1914*; Margaret Walsh, *The American Frontier Revisited*; Gavin Wright, *The Political Economy of the Cotton South*.

EH107 Modern British Business in Historical Perspective 1900-1980

Professor Hannah, Dr G. Jones, Dr Liebenau and staff from the Business History Unit. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Acct.; Dip. Bus. Studies.

Syllabus This course attempts to integrate the writings of economists, sociologists, historians and others on the rise of "managerial capitalism" in the context of

the twentieth century history of British business. Comparisons are made with the experience of other countries, particularly with Germany and America. Topics include the historical background to the rise of the corporate economy; advantages and disadvantages of large scale enterprise; rising industrial concentration; the divorce of ownership and control; multinationals; technology and science in business; the role of the state; the professionalisation of management and the recruitment of business leaders; developments in labour management; and the social responsibility of business. The course includes case studies of major British firms as well as a thematic treatment of major issues in interpreting the modern corporation.

EH107(a) Classes

Twenty-four classes, Sessional.

EH108 Economic History of England, 1216-1603

Dr Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist. 2nd yr.

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; B.A. Soc. Anth. and Med. Hist. 2nd yr.

EH109 A Comparative Study of Modern Economic Development in Russia, Japan and India

Mr Falkus and Dr G. Jones.

Twenty-three lectures,

Michaelmas and Lent Terms.

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 concen-

trate 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*; G. C. Allen, *Short History of Modern Japan*; J. Hirschmeier and T. Yui, *Development of Japanese Business, 1600-1973*; A. J. Youngson (Ed.), *Economic Development in the Long Run*; N. Charlesworth, *British Rule and the Indian Economy, 1800-1914*.

EH109(a) Classes

Twenty-three classes, Sessional.

EH110 Economic History of Latin America since Independence

Dr C. M. Lewis. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus While examining themes which assume a continental dimension, emphasis will be placed upon a comparative study of the economic growth and development of Argentina, Brazil and Mexico during the nineteenth and twentieth centuries. The course will consider, amongst other factors, the nature of national economic change, the causes and consequences of incorporation within the international economy, and the economics of recent socio-political developments.

Recommended reading C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; J. C. Brown, *A Socio-Economic History of Argentina*; K. Duncan and I. Rutledge (Eds.), *Land and Labour in Latin America*; W. P. Glade, *The Latin American Economies*; C. Furtado, *The Economic Growth of Brazil*; C. Furtado, *The Economic Development of Latin America*; E. Perez Lopez, *Mexico's Recent Economic Growth*; J. R. Scobie, *Revolution on the Pampas*; C. W. Reynolds, *The Mexican Economy*.

EH110(a) Classes

Twenty classes, Sessional.

EH111 Introduction to Quantitative Methods in Economic History

Mr Potter and Dr Kennedy.

Twenty lectures, Sessional.

For B.Sc. (Econ.) Part II; graduate students in Economic History and others interested.

Syllabus and recommended reading will be given during the course.

EH112 Problems in Social History (Seminar)

Professor Erickson and Mr

Burrage. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and interested graduate students.

EH113 Economic and Social History of England, 1377-1485 (Classes)

Dr Bridbury.

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

EH114 Economic and Social History of England 1660-1714 (Class)

Dr Earle.

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

EH115 Economic and Social History of England 1760-1825 (Class)

Mr Falkus.

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

EH116 Britain and the International Economy, 1929-1936 (Class)

Mr Baines.

For B.Sc. (Econ.) Part II.

EH117 Problems in Quantitative Economic History (Class)

Mr Falkus and Dr Kennedy.

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

EH118 Britain and the International Economy, 1919-1964 (Class)

Mr Baines.

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

EH119 The Economy of England, 1350-1500 (Inter-collegiate Classes)

Dr Bridbury. Michaelmas and

Lent Terms for third year,

Summer year for second year.

For B.A. Hist. 2nd and 3rd yrs.

EH130 British Labour History, 1815-1939

Dr Hunt and Mr Baines.

Twenty-two 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 History of Transport from the Turnpike to the Motorway

Professor Barker. Sessional.

For M.Sc. and other interested graduate students by permission.

Syllabus This course will concentrate upon the contribution of transport improvement to economic and social

change rather than narrowly upon transport modes themselves. The different functions of water (river, canal and coastal) and road transport in the pre-railway period will be briefly considered and the railways' role in performing both will be stressed. The work on railways by modern economic historians in Britain and America will be studied, as will the provision of public transport in the rapidly-growing towns of the nineteenth century. At least half the course will be devoted to the rise of the motor industry in Europe and America during the twentieth century and the development of road/rail competition first in passenger and then in goods traffic. The problems of urban transport and international aspects of transport, and in particular the competition between air and sea travel, will also be covered in their historical context.

Recommended reading FOR REFERENCE
D. H. Aldcroft, *British Transport since 1914*; P. S. Bagwell, *The Transport Revolution*; T. C. Barker and C. I. Savage, *An Economic History of Transport in Britain*; H. J. Dyos and D. H. Aldcroft, *British Transport*.
A detailed reading list will be given at the beginning of the course.

EH132 The Sources and Historiography of the Economic History of England, 1350-1500 (Seminar)
Dr Bridbury. Sessional.

EH133 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)
Dr Earle. Sessional.
For M.Sc. and all interested graduate students.

EH134 The Sources and Historiography of British Economic History from the later Eighteenth Century (Seminar)
Professor Barker and Dr Kennedy. Weekly, Sessional.
For M.Sc. Other graduate students may attend by permission.

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EH135 Workshop in Economic History
Professor Barker, Dr Kennedy and others.

(i) Fortnightly, Michaelmas and Lent Terms.

For research students.

(ii) Fortnightly, Lent and Summer Terms.

For M.Sc.

EH136 The Sources and Historiography of the Economic History of the U.S.A., 1890-1930 (Seminar)
Professor Erickson and Mr Potter. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students.

EH138 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)
Dr Earle. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

For research students.

EH139 Seminar on Modern Economic History
Professor Barker and Mr Falkus. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

For research students.

EH140 American Population from Colonial Times to the Present (Seminar)
Mr Potter. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students.

EH141 Economic History of the U.S.A., 1873-1939 (Seminar)
Professor Erickson. Sessional.

For M.Sc.; M.A. (Area Studies), 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.

EH142 Aspects of Latin American Economic History since Independence (Seminar)

Dr C. M. Lewis. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students by permission.

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 F. Cardoso and E. Faletto, *Dependency and Development in Latin America*; R. Cortes Conde and S. J. Stein (Eds.), *Latin America: A Guide to Economic History*; E. V. da Costa, *Da Monarquia à República*; K. Duncan and I. Rutledge, *Land and Labour in Latin America*; C. Furtado, *Economic Development of Latin America*; W. P. Glade, *The Latin American Economies*; T. Halperin Donghi, *Historia Contemporánea de América Latina*; T. Halperin Donghi, *The Aftermath of Revolution in Latin America*; A. O. Hirschman, *A Bias for Hope*; D. C. M. Platt, *Latin America and British Trade*; D. C. M. Platt (Ed.), *Business Imperialism, 1840-1930*; M. Rapoport, *Gran Bretaña, Estados Unidos y Las Clases Dirigentes Argentinas*.

EH143 Quantitative Economic History Discussion Group

Mr Baines, Dr Kennedy and Professor Floud. Sessional.

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For any interested students. At Birkbeck College.

EH144 Modern Business History (Seminar)

Professor Hannah. Michaelmas Term.

For M.Sc. final yr. and other interested graduate students.

Syllabus Accounting history and methods. Survey of the techniques and problems of business history. This will include the study of several of the more scholarly histories of British companies which have appeared since the early 1950's.

Preliminary reading T. C. Barker, R. H. Campbell, P. Mathias and B. S. Yamey, *Business History* (Historical Association pamphlet, 2nd edn. 1971); B. Supple (Ed.), *Essays in Business History* (1977); K. A. Tucker (Ed.), *Business History, Selected Readings* (1977); L. Hannah (Ed.), *Management Strategy and Business Development* (1976).

A full reading list, which will include a number of company histories, will be made available during the course.

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 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: All students registered for B.A. and B.Sc. degrees in Geography by course units are required to attend a departmental field class during the first year of the course and to submit a written report. A number of second and third year course units require attendance at field classes and/or the carrying out of field work. Information will be given to students choosing these options. A proportion of examination marks may be allocated for field work in these units. B.Sc. (Econ.) students are not required to undertake fieldwork in Part II of the degree.

Gy100 Human Geography

Professor E. Jones and Dr Spence. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog. 1st yr., Soc., Soc. Psych.

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. Dicken and P. E. Lloyd, *Modern Western Society*; B. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; B. E. Coates, R. J. Johnston and P. L. Knox, *Geography and Inequality*; D. T. Herbert, *Urban Geography: A Social Perspective*; D. Keeble, *Industrial Location and Planning in the United Kingdom*; P. L. Knox, *Social Well Being: A Spatial Perspective*; D. T. Herbert and D. M. Smith, *Social Problems and the City: Geographical Perspectives*; P. E. Lloyd and P. Dicken, *Location in Space: A Theoretical Approach to Economic Geography*; D. M. Smith, *The Geography of Social Well Being in the United States*; *Human Geography: A Welfare Approach*; *Where the Grass is Greener: Living in an Unequal World*; P. G. Hall, *Urban and Regional Planning*; B. Berry et al., *The Geography of Economic Systems*; B. Berry, *The Human Consequences of Urbanisation*; J. Blunden et al., *Fundamentals of Human Geography*; P. Haggett, *Geography: A Modern Synthesis*.

Gy100(a) Human Geography Classes

Weekly, Sessional.

For B.Sc. (Econ.); B.Sc. c.u. main fields Soc., Soc. Psych.

Gy100(b) Human Geography Classes

Fortnightly, Sessional.

For B.A./B.Sc. c.u. main field Geog. 1st yr.

Gy101 Physical Geography

Professor Embleton, Dr M. Jones and Miss Coleman. Sixty lectures, Michaelmas and Lent Terms.

Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.

Syllabus The nature and development of physical geography and its component sciences. Global-scale considerations of energy, earth structure, plate tectonics, macro-atmospheric processes, ecosystems. Water in the atmosphere and on and in the Earth; drainage basins. Time and change: geochronology, biogeography and

time, Ice Ages and glaciation, periglaciation, climatic and sea-level change. Weathering, soils and man. Weather systems, climate and man. Pollution and conservation.

Recommended reading R. G. Barry and R. J. Chorley, *Atmosphere, Weather and Climate*; W. D. Billings, *Plants, Man and the Ecosystem*; A. L. Bloom, *The Surface of the Earth*; K. W. Butzer, *Geomorphology from the Earth*; T. J. Chandler, *Modern Meteorology and Climatology*; S. P. Clark, *The Structure of the Earth*; R. L. Donahue, *Soils*; R. F. Drassmann, *Environmental Conservation*; C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils*; H.M.S.O., *A Course in Elementary Meteorology*; R. D. O. Good, *Geography of Flowering Plants*; M. Neuburger, T. G. Eddinger and W. D. Bonner, *Understanding our Atmospheric Environment*; E. P. Odum, *Ecology* (Modern Biology Series); *Fundamentals of Ecology* (1968); R. J. Rice, *Fundamentals of Geomorphology*; H. Riehl, *Introduction to the Atmosphere*; K. Simmons, *Ecology of Natural Resources*; A. G. Tansley, *Britain's Green Mantle* (1968); H. Walter, *Vegetation of the Earth*; N. Pears, *Plant Geography*; W. Pennington, *History of British Vegetation*; N. Polunin, *Plant Geography*.

Gy101(a) Physical Geography Classes

Fortnightly, Sessional.

For B.A./B.Sc. c.u. main field Geog. 1st yr.

Gy103 Theory and Techniques of Spatial Analysis

Dr Board, Miss Scoging and others. Forty lectures, 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.; Dip. Geog.

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** R. J. Chorley and P. Haggett, *Models in Geography*; R. Abler, J. S. Adams and P. Gould, *Spatial Organisation*; M. R. Spiegel, *Theory and*

Problems of Statistics; R. J. Chorley and B. A. Kennedy, *Physical Geography: a systems approach*; G. P. Chapman, *Human and Environmental Systems: A Geographical Appraisal*; D. Gregory, *Ideology, Science and Human Geography*; D. Ebdon, *Statistics in Geography, a Practical Approach*; J. Silk, *Statistical Concepts in Geography*; R. Hammond and P. S. McCullagh, *Quantitative Techniques in Geography, An Introduction*; G. B. Norcliffe, *Inferential Statistics for Geographers*; J. Irvine, I. Miles and J. Evans (Eds.), *Demystifying Social Statistics*; A. Robinson, R. Sale and J. Morrison, *Elements of Cartography* (4th edn.); M. S. Monmonier, *Maps, Distortion, and Meaning*; D. J. Cuff and M. T. Mattson, *The Design and Production of Thematic Maps*; D. J. Unwin, *Introductory Spatial Analysis*.

Gy103(a) Classes

In connection with Course Gy103.

Gy200 Advanced Quantitative Geography

Dr Frost and others. Ten lectures and ten practicals, Michaelmas Term. There will also be revision classes in the Summer Term.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp., Act. Sci.

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*.

Gy201 Applied Spatial Analysis

Dr Frost and others. Ten lectures and ten practicals in addition to Gy200, Lent Term. There will also be revision classes in the Summer Term.

For B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp., Act. Sci.;

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*.

Gy202 Elements of Hydrology

Dr Pitman. Twenty-five lectures and classes, Sessional.

For B.A./B.Sc. c.u. main field Geog.

Syllabus The hydrological cycle. Water on hillslopes, in the soil and in the vegetation. The catchment system and run-off in stream channels. Basic concepts of ground water hydrology. Water in relation to human activity, especially clearance and agricultural activity, urban and flood hydrology and irrigation.

Recommended reading R. C. Ward, *The Principles of Hydrology* (2nd edn.); R. J. Chorley, *Water, Earth and Man*; J. C. Rodda, R. A. Downing and F. M. Law, *Systematic Hydrology*.

Note Four, from a possible eight, practical exercises must be completed and three days of field work.

Gy203 Geomorphology I

Dr Brunsdon, Professor Embleton and Miss Scoging. 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 compulsory 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 Geo-*

morphology; C. Embleton and C. A. M. King, *Glacial Geomorphology*; C. Embleton and C. A. M. King, *Periglacial Geomorphology*; C. Embleton and J. B. Thornes, *Process in Geomorphology*; D. Carroll, *Rock Weathering*; D. Loughnan, *Weathering of the Silicate Minerals*; A. Young, *Slopes*; K. J. Gregory and D. Walling, *Drainage Basin Form and Process*; R. U. Cooke and A. Warren, *Geomorphology in Deserts*; C. Ollier, *Weathering*; J. L. Davies, *Geographical Variation in Coastal Development*; C. A. M. King, *Beaches and Coasts*.

Gy203(a) Classes

Ten practical classes of two hours in connection with Course Gy203.

Gy204 Biogeography

Dr Yates. An intercollegiate course. At King's College.

Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The structure and functioning of ecosystems; productivity and its measurements; the movement of nutrients within ecosystems. The ecosystem and the environment; succession; edaphic and microclimatic factors; pollution and its biological assessment. The history of the flora and vegetation of N. W. Europe since the start of the Tertiary. The present vegetation communities of the British Isles and the origin of the British flora. Geographical elements.

Biogeography on a world scale; plant areas and dispersal mechanisms; the role of the movement of the continents. Endemism; age of area; relic floras; indicator species; floral evolution. The ecosystems of the world; their structure and history. The description and analysis of vegetation.

Recommended reading E. P. Odum, *Ecology*; R. F. Dassman, *Environmental Conservation*; J. R. Matthews, *Origin and Distribution of the British Flora*; W. Pennington, *History of British Vegetation*; H. Walter, *Vegetation of the Earth*.

Note Ten days field work 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*; 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

Dr Rees, Mr D. K. C. Jones and Miss Scoging. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog.

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 T. O'Riordan, *Environmentalism*; R. Arvill, *Man and Environment*; I. Burton and R. W. Kates, *Readings in Resource Management and Conservation*; Barbara Ward and Rene Dubois, *Only One Earth*; A. Kneese and B. T. Bower, *Managing Water Quality*; T. R. Detwyler, *Man's Impact on Environment*; P. R. Ehrlich and A. H. Ehrlich, *Population, Resources and Environment*; J. Maddox, *The Doomsday Syndrome*; G. F. White, *Natural Hazards*; A. Goudie, *The Human Impact*; I. Burton, R. W. Kates and G. F. White, *The Environment as Hazard*; J. Whittow, *Disasters*; N. W.

Holdgate, *A Perspective of Environmental Pollution*.

Gy206(a) Classes

Ten fortnightly classes, Michaelmas and Lent Terms in connection with Course Gy206.

Note This course may involve some fieldwork.

Gy208 The Location of Economic Activity

Dr Estall, Dr Rees and Dr J. E. Martin. Forty-two lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog.

2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** An examination of geographical influences on decision making. Factors affecting investment decisions will be evaluated, and attention will be paid to both theoretical and empirical explanations of the location patterns of economic activity. Traditional and behavioural approaches will be adopted, and illustrative material will be drawn, as appropriate from the agricultural, mining, manufacturing and service sectors.

Recommended reading P. E. Lloyd and P. Dicken, *Location in Space: A Theoretical Approach to Economic Geography* (2nd edn.); R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography* (4th edn.); E. C. Conkling and M. Yeates, *Man's Economic Environment*; R. J. Chorley and P. Haggett, *Socio-Economic Models in Geography*; A. Weber, *Theory of the Location of Industries*; D. M. Smith, *Industrial Location*; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing*; R. H. T. Smith, E. J. Taaffe and L. J. King, *Readings in Economic Geography*; R. J. Struyk and F. J. James, *Intra Metropolitan Industrial Location*; F. E. I. Hamilton (Ed.), *Contemporary Industrialisation*; F. E. I. Hamilton (Ed.), *Spatial Perspective on Industrial Organisation and Decision Making*; R. Dorfman, *Prices and Markets*.

Gy208(a) Classes

Ten fortnightly classes, Michaelmas and Lent Terms in connection with Course Gy208.

Gy209 Social Geography: Spatial Change and Social Process

Dr Duncan, Mr Green and Professor E. Jones. Forty lectures and classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog. **Syllabus** An introduction to the nature, scope and methods of social geography focused around the links between spatial change and social process. Reference is made to the emergence of urban, regional and under-development problems, to state intervention in these problems, and to the explanation of spatial patterns.

Recommended reading R. J. Johnston, *Geography and Geographers*; R. E. Pahl, *Patterns of Urban Life*; National Community Development Project, *The Costs of Industrial Change*; P. Saunders, *Urban Politics*; G. Stedman Jones, *Outcast London*; D. Seers et al., *Underdeveloped Europe*; B. Roberts, *Cities of Peasants*; C. Cockburn, *The Local State*; E. Jones and J. Eyles, *Introduction to Social Geography*; R. Mellor, *Urban Sociology in an Urbanised Society*; P. Knox, *Urban Social Geography*.

Gy210 Urban Geography: an Evolutionary Approach

Dr Warnes, Dr B. S. Morgan and Professor E. Jones. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog. **Syllabus** Origins, growth and processes of urbanization, with particular reference to the evolution of the British city in the context of social and economic change. An assessment of the factors influencing the internal structure of the city.

Recommended reading H. Carter, *Urban Geography*; D. T. Herbert and R. J. Johnston (Eds.), *Social Areas in Cities*; B. T. Robson, *Urban Analysis*; P. Daniels, *Office Location*; P. Scott, *Geography and Retailing*; P. J. Ambrose and B. Colenutt, *The Property Machine*; R. Mellor, *Urban Sociology in an Urbanised Society*; S. Lansley, *Housing and Public Policy*; P. Knox, *Urban Social Geography*.

Gy211 Population Geography and Resources

Dr Warnes. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The course will provide substantive knowledge of the factors influencing the distribution, size and change of populations at micro- and world scales, as well as an introduction to several important areas of geographic theory relating to population topics. There will also be instruction in the evaluation of data sources and in the use of descriptive and analytical methods applicable to the subject. Population as a resource and the geographic implications of growing and declining populations are examined.

Recommended reading P. R. Cox, *Demography*, Cambridge 1970; G. J. Demko, H. R. Rose and G. Schnell (Eds.), *Population Geography: A Reader*; D. J. Bogue, *Principles of Demography*; W. Petersen, *Population*; R. I. Woods, *Population Analysis in Geography*; H. R. Jones, *Population Geography*.

Gy212 Historical Geography: British Isles

Dr Yates and Mr Green. 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 from the Roman period to the late 19th century (with special reference to England) from prehistoric times to the nineteenth century, illustrating concepts, source material and methodology employed in the subject. Reference is made to the evolution of rural settlement and agriculture and the transition to an industrial urban society.

Recommended reading R. A. Dodgshon and R. A. Butlin, *An Historical Geography of England and Wales*; 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. Lyon, *Anglo-Saxon England and the Norman Conquest*; J. Thirsk (Ed.), *English Peasant Farming*; A. R. H. Baker and R. A. Butlin (Eds.), *An Agrarian History of England and Wales IV*; *Studies of Field Systems in the British Isles*; G. E.

Mingay and J. D. Chambers, *The Agricultural Revolution 1750-1880*; M. Dobb, *Studies in the Development of Capitalism*; E. A. Wrigley (Ed.), *Nineteenth Century Society*.

Gy212(a) Historical Geography (Class)

Twenty classes, Sessional.

Gy215 Soil Science

Dr Pitman. Twenty-two lectures, Sessional and appropriate laboratory work.

For B.A./B.Sc. c.u. main field Geog. 2nd 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*; Fitzpatrick, *Soils*; H. Jenny, *The Soil Resource*.

Gy215(a) Classes

Twelve practical classes in connection with Course Gy215.

Gy220 Economic and Regional Geography of the British Isles

Professor Wise and Mr Sinclair. Forty-five lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **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*; 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*; 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*; H. Clout (Ed.), *Changing London*; J. T. Coppock, *An Agricultural Atlas of England and Wales: An Agricultural Geography of Great Britain*; A. Edwards and A. Rogers (Eds.), *Agricultural Resources*; Clarendon Press, *Atlas of Britain*; E. Jones and D. J. Sinclair, *The Atlas of London* (1968); M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; G. McCrone, *Regional Policy in Britain*; J. W. House (Ed.), *The U.K. Space: Resources, Environments and the Future*; P. Hall and others, *The Containment of Urban England*; D. Keeble, *Industrial Location and Planning in the United Kingdom*; J. Blunden, *The Mineral Resources of Britain*; J. Fernie, *A Geography of Energy in the U.K.*; M. Blacksell and A. Gilg, *The Countryside: Planning and Change*; A. MacEwen and M. MacEwen, *National Parks: Conservation or Cosmetics?*; R. H. Best, *Land Use and Living Space*; R. Dennis and H. Clout, *A Social Geography of England and Wales*.

Gy221 Europe

Mr Sinclair, Dr Hamilton, Dr J. E. Martin and Dr Yates. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** The contemporary geography of Europe: its spatial attributes examined in the context of political and economic integration. Comparative analyses of national and regional planning for economic development and social progress. Studies of selected areas in Western and Eastern Europe to exemplify themes in the relationship between society and its environment.

Recommended reading K. Allen and M. C. MacLennan, *Regional Problems and Policies*; J. Bethemont and J. Pelletier, *Italy*; J. R. Boudeville, *Problems of Regional Economic Planning*; D. Burtenshaw, *Economic Geography of West Germany*; H. D. Clout (Ed.), *Regional*

Development in Western Europe; H. D. Clout, *The Geography of Post-War France*; J. T. Connor and W. L. Batt (Eds.), *Area Redevelopment Policies in Britain and the Countries of the Common Market*; T. H. Elkins, *Germany*; A. Emanuel (Ed.), *The Regional Factor in Economic Development*; R. A. French and F. E. I. Hamilton, *The Socialist City*; P. Hall and D. Hay, *Growth Centres in European Urban Systems*; F. E. I. Hamilton, *Planned Economies*; J. A. Heller, *North Rhine-Westphalia*; G. W. Hoffman (Ed.), *A Geography of Europe: Problems and Prospects*; G. W. Hoffman (Ed.), *Eastern Europe, Essays in Geographical Problems*; J. W. House, *France: An Applied Geography*; R. Lee and P. E. Ogden, *Economy and Society in the E.E.C.*; R. E. H. Mellor and E. A. Smith, *Europe: A Geographical Survey*; R. E. H. Mellor, *Eastern Europe*; O.E.C.D., *Structural Reform Methods in Agriculture*; D. Swann, *The Economics of the Common Market*; J. N. Tupper, *France*; F. E. I. Hamilton, *Poland's Western and Northern Territories*; M. T. Wied, *West Germany*.

Gy223 The United States of America: Geographical Patterns of Resources and Economic Development

Dr Estall. Twenty lectures, Michaelmas Term.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** A systematic review of the changing physical and human resources of the continent; an analysis of modern developments and problems in leading sectors of the economy. Emphasis is placed throughout on national issues, such as the problems of the agricultural and manufacturing sector, evolution of the metropolitan system, energy supply and demand, patterns of poverty, environmental concern, and the implications of government activities. **Recommended reading** R. C. Estall, *A Modern Geography of the United States*; Oxford Regional Economic Atlas, *The United States and Canada*; The Report of the Commission on Population Growth and the American Future, *Population and the American Future*; M. Clawson, *America's Land and its uses*; H. H. Landsberg, *Natural Resources for U.S. Growth*; E. N. Cameron (Ed.), *The Mineral Position of the United States*; E.

L. Allen, *Energy and Economic Growth in the United States*; T. R. Ford (Ed.), *Rural U.S.A., Persistence and Change*; N. M. Hansen, *Rural Poverty and the Urban Crisis*; N. M. Hansen, *The Challenge of Urban Growth*; G. Sternlieb and J. W. Hughes (Eds.), *Post-Industrial America: Metropolitan Decline and Inter-Regional Job Shifts*; J. H. Cumberland, *Regional Development Experiences and Prospects in the United States*.

Gy223(a) Classes Five classes, Lent Term.

Gy224 Latin America I: Pre-Industrial Societies Dr Newson. Twenty-two lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **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*.

Gy225 The Third World: a Social and Economic Basis Professor Morgan and Dr Newson. Twenty-three lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** The aim of the course is to introduce students to the social and economic characteristics of the Third World and the development problems it faces. It will thus examine in general terms several aspects of the geography of

the Third World, including economics, geography, population, and urbanisation and planning, and assess the applicability of models developed in the respective branches of the subject to the Third World. It will also discuss various models of development as applied to the Third World.

Recommended reading G. Breese, *Urbanisation in Developing Countries*; H. Brookfield, *Interdependent Development*; E. Boserup, *The Conditions of Agricultural Growth*; C. Clark and M. Haswell, *The Economics of Subsistence Agriculture*; P. P. Courtenay, *Plantation Agriculture*; D. Dwyer, *People and Housing in Third World Cities*; D. Dwyer (Ed.), *The City in the Third World*; A. Frank, *Capitalism and Underdevelopment in Latin America*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning*; A. Gilbert (Ed.), *Development Planning and Spatial Structure*; S. Goodenough, *Values, Relevance and Ideology in Third World Geography*; D. Gregg, *The Harshlands*; Y. Hayami and V. W. Ruttan, *Agricultural Development: an international perspective*; B. S. Hoyle, *Spatial Aspects of Development*; N. Long, *An Introduction to the Sociology of Rural Development*; W. Manshard, *Tropical Agriculture: a geographical introduction and appraisal*; W. B. Morgan, *Agriculture in the Third World*; G. Myrdal, *The Challenge of World Poverty*; T. W. Schultz, *Transforming Traditional Agriculture*; M. P. Todaro, *Economics for a Developing World*.

Gy300 Geomorphology II Professor Embleton and Mr D. K. C. Jones. Forty 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 may 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*; A. S. Goudie,

Environmental Change; F. W. Shotton, *British Quaternary Studies*; D. Q. Bowen, *Quaternary Geology*; A. Straw and K. M. Clayton, *Eastern and Central England*; D. K. C. Jones, *The Shaping of Southern England*; D. K. C. Jones, *Southeast and Southern England*.

Gy301 Geomorphology III Dr Brunnsden and Professor 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*; C. Embleton *et al.*, *Geomorphology: Present Problems, Future Prospects*; A. G. Wilson and M. J. Kirkby, *Mathematics for Geographers and Planners*; J. B. Thornes and D. Brunnsden, *Geomorphology and Time*.

Gy302 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 Palaeo-climatology*.

Gy302(a) Climatic Change (Classes)

In conjunction with Course Gy302. **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.

Gy303 Geography of Local Administration

Mr Hoggart. Twenty-two lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus An examination of geographic aspects of local government organisation and of the spatial consequences of local government decisions. Emphasis is placed on local government's contributions to democracy and territorial justice.

Recommended reading R. L. Lineberry and I. Sharkansky, *Urban Politics and Public Policy* (3rd edn.); P. Dunleavy, *Urban Political Analysis*; P. Saunders, *Urban Politics*; J. Dearlove, *The Reorganization of English Local Government*; J. La Groye and V. Wright, *Local Government in Britain and France*; J. J. Harrigan, *Political Change in the Metropolis*; K. R. Cox, *Conflict, Power and Politics in the City*.

Gy304 Spatial Aspects of Economic Development

Dr Frost, Dr Hamilton and Dr Rees. Forty lectures and ten seminars, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.; Dip. Geog. **Syllabus** The course will examine the spatial objectives, processes and achievements of economic development on the regional, national and international planes. Emphasis will be placed upon selected topics, primarily the following: resources and their importance in growth models and investment appraisal; elements which influence the spatial patterns of labour market operations and occupational structures; the roles of contact patterns and information flows in industry and business in regional development and in regional policies; direct and indirect effects of government decision-making, foreign direct (multinational-corporate) investments and infrastructures on spatial development patterns, and the assessment of the character and purpose of world systems approaches and of models of

regional development. Examples will be drawn from various market and non-market economics.

Recommended reading M. Clawson, *Natural Resources and International Development*; D. W. Pearce and J. Rose (Eds.), *The Economics of Natural Resource Problems*; B. Higgins, *Economic Development*; A. R. Kuklinski (Ed.), *Growth Poles and Growth Centres in Regional Planning*; S. Amin, *Unequal Development and Imperialism*; F. E. I. Hamilton (Ed.), *Contemporary Industrialisation: Spatial analysis and regional development*; F. E. I. Hamilton (Ed.), *Industrial Change: International Experience and Public Policy*; F. E. I. Hamilton and G. J. R. Linge (Eds.), *Spatial Analysis, Industry and The Industrial Environment*. Vol. 1. *Industrial Systems*; Vol. 2. *International Industrial Systems*; Vol. 3. *Regional Economics and Industrial Systems*.

Gy305 The Geography of Rural Development

Mr Sinclair, Mr Hoggart and Professor Morgan. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd and 3rd yrs.; B.Sc. (Econ.) Part II. **Syllabus** Changes in rural economy and society in the 20th century, particularly since 1950. Land as a resource; the impact of urban and industrial expansion, and of demographic change. An examination of rural planning, including settlement policy, service provision, housing, transport, recreation, amenity and landscape. Agricultural and agrarian policies: the contemporary experience. **Recommended reading** M. C. Whitby and K. G. Willis, *Rural Resource Development* (2nd edn.); J. Ashton and W. H. Long (Eds.), *The Remoter Rural Areas of Britain*; R. B. Franter (Ed.), *The Future of Upland Britain*, 2 Vols.; M. Bell (Ed.), *Britain's National Parks*; M. Blacksell and A. Gieg, *The Countryside: Planning and Change*; J. A. Patmore, *Land and Leisure*; J. Davidson and G. Wibberley, *Planning and the Rural Environment*; L. Tweeten and G. L. Brinkman, *Micropolitan Development*; G. F. Summers et al., *Industrial Invasion of Non-metropolitan America*; H. Newby, *Green and Pleasant Land*; I. Hodge and M. C. Whitby, *Rural Employment*; F. H.

Buttel and H. Newby (Eds.), *The Rural Sociology of Advanced Societies*.

Gy306 Advanced Economic Geography: Agriculture

Mr Sinclair and Professor Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** Concepts and methods in the geography of agriculture. The nature of agricultural resources: land, labour, capital and management. Agriculture and the market. The evolution, location and structure of agricultural systems. The diffusion of agricultural techniques. Competition for agricultural land. The role and status of agriculture in economic development.

Recommended reading W. B. Morgan and R. J. C. Munton, *Agricultural Geography*; A. Edwards and A. Rogers, *Agricultural Resources*; J. T. Coppock, *An Agricultural Geography of Great Britain*; J. Ashton and S. J. Rogers, *Economic Change in Agriculture*; W. C. Found, *A Theoretical Approach to Rural Land-Use Patterns*; W. B. Morgan, *Agriculture in the Third World*; R. King, *Land Reform*; I. Bowler, *Government and 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 of Agriculture (Class)

Ten classes, Michaelmas and Lent Terms in connection with course Gy306.

Gy307 Advanced Social Geography I: Planning, Housing and Urban Change

Mr Drewett and Dr Duncan. Twenty lectures/seminars, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** The course considers the development of the urban problem and the housing question, particularly in Britain but also with reference to other

advanced societies.

Detailed coverage will be given to housing provision and policy, urban land, and planning policy, together with their relationship to urban change and conflict. **Recommended reading** P. Ambrose and B. Colenutt, *The Property Machine*; Benwell Community Development Project, *Private Housing and the Working Class*; N. Ginsburg, *Class, Capital and Social Policy*; P. Hall et al., *The Containment of Urban England*; D. Massey and A. Catelano, *Capital and Land*; S. Merrett, *State Housing in Britain*; National Community Development Project, *Profits Against Houses*.

Gy308 Advanced Social Geography II: Spatial Inequalities

Mr Hoggart, Professor E. Jones and Dr B. S. Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** Socio-spatial inequality is examined by reference to status, class and power. The focus is on the nature and determinants of spatial inequality at both regional and intra-regional scales. Attention will also be given to social and political movements emerging in association with socio-spatial inequality, such as nationalist movements in peripheral areas.

Recommended reading B. E. Coates, R. J. Johnston and P. L. Knox, *Geography and Inequality*; K. R. Cox, *Location and Public Problems*; D. M. Smith, *Where the Grass Grows Greener*; T. R. Lee, *Race and Residence*; D. Herbert and D. M. Smith, *Social Problems and the City*.

Gy309 Urban and Regional Systems

Mr Drewett and Dr Spence. Fourteen lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog.; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc. **Syllabus** Theoretical and technical aspects of analysing urban and regional systems in the context of planning national

settlement systems. Definition of concepts; historical growth and evolution of urban systems. City size, location and differentiation. Inter-City linkages, diffusion and conflict. Models of intra-urban land use allocation and land conversion, multiplier forecasting, and spatial demographic accounting.

Metropolitan interdependencies and alternative national settlement strategies. **Recommended reading** B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; L. S. Bourne and J. W. Simmons (Eds.), *Systems of Cities*; G. Cameron and L. Wingo (Eds.), *Cities, Regions and Public Policy*; G. Chadwick, *A Systems View of Planning*; M. Chisholm, A. E. Frey and P. Haggett (Eds.), *Regional Forecasting*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning*; P. Hall, H. Gracey, R. Drewett and R. Thomas, *The Containment of Urban England*; N. Hansen (Ed.), *Human Settlement Systems*; 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*; A. Pred, *City Systems in Advanced Economies*; A. G. Wilson, *Urban and Regional Models in Geography and Planning*.

Gy309(a) Classes

In connection with course Gy309.

Gy310 Planning and its Geographical Impact

Mr Diamond and Dr Hebbert. Forty lectures and ten classes, Sessional. An intercollegiate course.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus The origins and development of the city and regional planning movements in Britain and abroad, current systems and objectives compared, and an assessment of the extent to which town and country planning has affected the geography of Britain.

Recommended reading J. B. Cullingworth, *Town and Country Planning in England and Wales*; C. D. Buchanan, *Traffic in*

Towns; P. J. O. Self, *Cities in Flood*; J. Ardill, *The New Citizen's Guide to Town and Country Planning*; J. W. House (Ed.), *The U.K. Space*, Chap. 6, Part IV; J. H. Tetlow and A. Goss, *Homes, Towns and Traffic*; P. G. Hall, *Urban and Regional Planning*; D. A. Kirby, *Slum Housing and Residential Renewal*; A. Ravetz, *Remaking Cities*; H. Evans (Ed.), *New Towns: the British Experience*; G. Manners et al., *Regional Development in Britain*; D. H. McKay and A. W. Cox, *The Politics of Urban Change*; D. MacLennan and J. B. Parr (Eds.), *Regional Policy: Past Experience and New Directions*; I. Alexander, *Office Location and Public Policy*; M. Clawson and P. Hall, *Planning and Urban Growth: an Anglo-American Comparison*; R. H. Best, *Land Use and Living Space*; P. Hall (Ed.), *The Inner City in Context*.

Further references including official planning studies and periodical literature will be given during the course.

Gy311 Environmental Management in Britain

Dr Rees and Mr D. K. C. Jones. Twenty lectures and ten seminars, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus The course will focus on the practical problems of formulating, implementing and evaluating environmental control policies and environmental management systems in a British context. The development of the environmental planning system in Britain: local government functions, water authorities, Health and Safety Executive. Countryside planning, etc. The nature of pollution in Britain. The costs and benefits from pollution control. Constraints on management—political, social, legal and economic. Aspects of public participation. Emphasis will be laid on water and air quality, conservation and landscape planning.

Recommended reading Royal Commission on Environmental Pollution Reports 1-8; M. MacEwen (Ed.), *Future Landscapes*; R. Gregory, *The Price of Amenity*; R. H. Kimber and J. J. Richardson (Eds.), *Campaigning for the Environment*; P. Smith (Ed.), *The Politics of Physical Resources*; J. D. Parker and E. Penning-

Rowse, *Water Planning in Britain*; G. Wibberley and J. Davidson, *Planning and the Rural Environment*; M. Blacksell and A. Gilg, *The Countryside: Planning and Change*; B. Green, *Countryside Conservation*; M. MacEwen and A. MacEwan, *National Parks: Conservation or Cosmetics?*; R. Mabey, *The Common Ground*; M. Shoard, *The Theft of the Countryside*; F. Sandbach, *Environment, Ideology and Policy*; A. Porteous, K. Attenborough and C. Pollitt, *Pollution, the Professionals and the Public*; J. Bugler, *Polluting Britain*; J. Barr, *Derelict Britain*; K. L. Wallwork, *Derelict Land*.

Note: This course may involve fieldwork.

Gy312 Environmental Management in Britain (Seminar)

Dr Rees, Mr D. K. C. Jones and others. Six seminars, Lent Term.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Gy313 Environmental Evaluation and Planning in Transport

Dr K. R. Sealy. Twenty lectures and five classes, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus A review of environmental problems created by road and air transport at local and regional levels is followed by a study of selected topics at greater length. Finally, attention is directed towards the preparation of overall assessments of environmental impact needed for planning purposes.

Recommended reading J. Catlow and C. G. Thirlwall, *Environmental Impact Analysis*; Research Report 11 (Planning), Department of the Environment; A. Lassiere, *The Environmental Evaluation of Transport Plans*; Research Report 8 (Transport) Department of the Environment; A. H. Stratford, *Airports and the Environment*; K. R. Sealy, *Airport Strategy and Planning*; D. N. M. Starkie and D. M. Johnson, *The Economic Value of Peace and Quiet*; Report of the Committee on Noise (Wilson Report), Noise, Cmd. 2056, 1963, and sequel

Second Survey of Aircraft Noise Annoyance Around London; Office of Population and Surveys, Social Survey Division, 1971, Noise Advisory Council Reports, e.g. *Neighbourhood Noise, Traffic Noise: vehicle regulations and enforcement, Aircraft Noise: Flight routeing Near Airports*; Department of the Environment, *Planning and Noise*, Circular 10/73; *Landscape Evaluation*, Symposium, Inst. British Geographers, 66, 1975; *Methods of Landscape Analysis*, Symposium, Landscape Research Group, 1967; Urban Motorways Committee, *New Roads in Towns: Development and Compensation*, Cmd. 5124, H.M.S.O.; P. H. Parkin et al., *London Noise Survey*, Building Research Station, 1968; Department of Transport, *Report of the Advisory Committee on Trunk Road Assessment (Leitch Committee)*, H.M.S.O., 1977; D. W. Pearce, *The Valuation of Social Cost*. Periodical literature will be recommended during the course.

Gy314 Geography of Rural Settlement

Dr Shepherd. Twenty-five lectures, Sessional. An inter-collegiate course at Queen Mary College.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Gy315 Map Design and Evaluation

Dr Board. Twenty-three meetings, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus The essential role of maps to store and convey spatially distributed information and for way-finding. The value of theoretical models of cartographic communication. The influence of user requirements on map design. Sources of locational information and data for the content of maps and the problems associated with the form in which they exist. Choosing the graphic elements appropriate to the purpose and constraints imposed.

Methods of evaluating maps in the laboratory and the field. **Recommended reading** P. C. Muehrcke, *Map Use: Reading, Analysis and Interpretation*; V. D. Hopkin and R. M. Taylor, *Human Factors in the Design and Evaluation of Aviation Maps*; A.

Robinson, R. Sale and J. Morrison, *Elements of Cartography* (4th edn.); G. C. Dickinson, *Maps and Air Photographs* (2nd edn.); D. J. Cuff and M. T. Mattson, *The Design and Production of Thematic Maps*.

Gy316 Environmental Change
Miss Gardner. Forty lectures and four seminars, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus Study of the nature, chronology and causes of environmental changes throughout the Quaternary era, and the evidence used to evaluate change.

Particular emphasis is placed on low-latitude regions.

Recommended reading A. S. Goudie, *Environmental Change*; C. Vita-Finzi, *Recent Earth History*; K. Butzer, *Environment and Archaeology*.

Gy322 North America: 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; Dip. Geog.

Syllabus A broad review of regional disparities in economic structure and performance and some theoretical explanations thereof. A detailed analysis of the changing economic and social geography of selected regions and contrasting regional problems. An appraisal of government programmes for area development. The Appalachian regional development plan.

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*; B. L. Weinstein and R. E. Firestone, *Regional Growth and Decline in the United States*; J. Friedmann and W. Alonso, *Regional Development and Planning: A Reader* (1964 edn.); M. Yeates, *North American Urban Patterns*; Special Studies: G. Sternlieb and J. W. Hughes (Eds.), *Post-Industrial America: Metropolitan Decline and Inter-Regional Job Shifts*; D. C. Perry and A. J. Watkins (Eds.), *The Rise of the Sunbelt Cities*; 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*; G. Sternlieb and J. W. Hughes (Eds.), *Revitalizing of the North-East: Prelude to an Agenda*; L. M. Alexander, *The North Eastern United States*; J. Gottman, *Megalopolis*; K. Ross Toole, *The Rape of the Great Plains*; J. H. Garland (Ed.), *The North American Midwest*; J. H. Cumberland, *Regional Development, Experiences and Prospects in the United States of America*; C. H. Martin and R. A. Leone, *Local Economic Development*; R. H. Durenburger, *California: The Last Frontier*. For Canada: see P. Camu, E. P. Weeks and Z. W. Sametz, *The Economic Geography of Canada, with an Introduction to the 68-region System*; T. N. Brewis, *Regional Economic Policies in Canada*; R. M. Irving (Ed.), *Readings in Canadian Geography* (3rd edn.).

Gy323 Latin America II: Industrial Societies

Dr Newson. Twenty-two lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

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*; H. Brookfield, *Interdependent Development*; 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*; N. Long, *An Introduction to the Sociology of Rural Development*; D. Preston and P. Odell, *Societies and Economies in Latin America*.

Gy324 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.; Dip. Geog.

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*; R. A. French and F. E. I. Hamilton, *The Socialist City*; F. E. I. Hamilton, *Planned Economies*; I. Koropeckyj and G. Schroeder, *Regional Economies in the Soviet Union*.

Courses Gy400–Gy402 are compulsory for students reading Geography for M.Sc. together with one other course from Gy404–Gy408. Students registered for M.Phil. and Ph.D. are however normally expected to attend courses Gy400–Gy402 and if relevant to their interests courses from Gy404–Gy408. Other courses listed as Gy409–Gy411 are available for students reading for M.Phil., Ph.D. or Research Fee. In addition courses may be recommended for M.Sc. students, e.g. Gy452, Quantitative Methods in Regional and Urban Planning Studies.

Students should consult their supervisors in selecting courses which meet the specific requirements of their degree

syllabus or course of study.

Gy400 Geographical Concepts and Methods

Professor E. Jones, Mr Drewett and others. Twenty lectures, Michaelmas Term.

Syllabus An introduction to research methodology in Geography. A review of the development of different research paradigms and the influence of different geographical schools of thought. Critical analysis of the growth in the use of scientific method and logical positivism, the development of behavioural phenomenological studies, research into welfare, social and public policies, and the development of materialist, radical and structuralist approaches.

Recommended reading D. Amedeo and R. G. Golledge, *An Introduction to Scientific Reasoning in Geography*; H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolution*; K. R. Popper, *The Logic of Scientific Discovery*; S. Toulmin, *The Philosophy of Science*; R. J. Chorley and P. Hagget (Eds.), *Models in Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; L. J. King, *Statistical Analysis in Geography*; S. Gale and G. Olsson (Eds.), *Philosophy in Geography*; B. J. L. Berry (Ed.), *The Nature of Change in Geographical Ideas*; J. I. Clarke and P. Pinchemel, *Human Geography in France and Britain*; D. W. Harvey, *Explanation in Geography*; R. J. Johnston, *Geography and Geographers: Anglo-American Human Geography since 1945*; D. Gregory, *Ideology, Science and Human Geography*; D. Gregory, *Social Theory and Spatial Structure*; M. E. Harvey and B. P. Holly, *Themes in Geographic Thought*.

Gy401 Geographical Concepts and Methods (Seminar)

Mr Drewett and others. Fourteen seminars, Lent and Summer Terms.

Syllabus In the Lent term members of the academic staff will explore the major research themes and methodological problems in selected areas of the subject. Presentations in the Summer term will be

based on course papers by M.Sc. students.

Recommended reading will be given during the course.

Gy402 Research Techniques and Design

Dr K. R. Sealy and Dr Warnes. Ten lectures, Michaelmas Term.

Syllabus The relationship between methodology and research design and techniques. An introduction to experimental and research design, including questionnaire design and social survey techniques.

Recommended reading J. Made, *The Tools of Social Science*; R. Huggett, *Systems Analysis in Geography*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; D. W. Lang, *Teach Yourself Critical Path Analysis*; C. H. Waddington, *The Scientific Attitude: Tools for Thought*; T. W. Freeman, *The Writing of Geography*; A. D. Hodgkiss, *Maps for Books and Thesis*; C. D. Harris, *Bibliography of Geography Part 1. Introduction to General Aids; Report of the Committee on Data Protection Cmnd. 7341.*

Gy403 Computing Theory and Practice

Mr C. Whitehead. Five lectures and five practical classes, beginning in the sixth week of the Michaelmas Term.

Gy404 Quantitative Techniques Class

Dr Spence and Dr Frost. Six classes, beginning in the fifth week of the Michaelmas Term.

Gy405 Information Collection, Presentation and Communication (Class)

Dr Board. Five classes, beginning in the sixth week of the Michaelmas Term.

Note: Additional classes will be arranged for specific topics if required.

Gy406 Geographical Project Seminar

Dr Board. Fifteen seminars, Lent and Summer Terms.

Syllabus Presentations by M.Phil., Ph.D. and M.Sc. students of papers based on their own work stressing research objectives and methodological problems.

Gy407 Geographical Research Seminar

Dr Board, Dr Duncan and Dr Hebbert. Nineteen seminars, Michaelmas and Lent Terms.

Syllabus Presentation of research problems by speakers either from outside the School or who are visiting the London School of Economics.

Gy410 Social Change and Urban Growth (Class)

Professor E. Jones and Mr Drewett. Twenty classes,

Michaelmas and Lent Terms.

Syllabus Urbanisation is a major social process with far-reaching implications for the urban and social geography of the developed and developing worlds. The aim of the course is to introduce concepts which geographers believe to be basic to the understanding of the processes and to the spatial patterns which are its outcome. Two or three of the following specific aspects will be discussed: effects of urbanisation on city growth; the constraints of the housing market on such changes; squatting as a phenomenon of rapid growth, particularly in the third world; segregated social areas such as ghettos; intra-urban migration and social areas; the relationship between economic organisation, class, income, mobility and residential location in the industrialising city.

Recommended reading B. J. L. Berry, *The Human Consequences of Urbanisation*; D. J. Dwyer, *The City in the Third World*; T. G. McGee, *The Urbanisation Process in the Third World*; L. Reissman, *The Urban Process*; J. Friedmann and R. Wulfi, *The Urban Transition*; P. Hall *et al.*, *The Containment of Urban Britain.*

Gy411 Regional Policy and Planning

Mr Drewett, Mr Diamond, Dr Estall and Dr Hamilton.

Fourteen lectures and seminars, Michaelmas and Lent Terms.

Syllabus The main goals of regional policy have been the reduction in regional welfare differences, the stimulation of development areas and the relief of pressure from concentration in congested areas. The course aims to trace the evolution of planning as a response by governments to such problems. Within the context of regional growth theory and regional planning theory, the goals, instruments and achievements of regional planning will be assessed in the context of national variations in socio-economic and political structures. The first part will deal with Regional Planning Theory and the European Experience. This will be taken by all students. The second part will relate to specific regional policy and planning in Europe or North America and the student must opt for one of these areas.

Recommended reading to be announced.

Gy412 Resource Management and Environmental Planning

Dr Rees. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; problems of common property resources; scarcity problems, causes and nature of declining environmental quality, and environmental perception. (b) Management of productive resources in the public and private sectors, including investment appraisal and impact analysis, administrative needs and policy formulation. (c) Management for environmental quality; aims and techniques of decision-making, administration, law, political constraints, public participation and the role of pressure groups. These issues will be considered both for advanced and less developed economies.

Recommended reading T. O'Riordan, *Perspectives on Resource Management*; T. O'Riordan, *Environmentalism*; J. Burton and R. Kates, *Readings in Resource Management and Conservation*; D. W. Pearce, *Environmental Economics*; A. V. Kneese and B. T. Bower, *Managing Water Quality, Economics, Technology and Institutions*; A. M. Freeman, R. H. Haveman and A. V. Kneese, *The*

Economics of Environmental Policy; T. O'Riordan, *Progress in Resource Management and Environmental Planning*, Vols. 1 and 2; F. Sandbach, *Environment, Ideology and Policy.*

Gy413 Spatial Aspects of Change in Economic Activity (Seminar)

Dr J. E. Martin. Sixteen seminars, Michaelmas and Lent Terms.

Syllabus Movement and change at the scale of the enterprise; decision-making in relation to location; linkage and movement. Change at the city scale; metropolitan economic advantage; processes of locational shift. Regional industrial growth and change; the industrial mix and evolving regional advantage.

Recommended reading R. D. Dean, W. H. Leahy and D. L. McKee (Eds.), *Spatial Economic Theory*; D. M. Smith, *Industrial Location: an Economic Geographical Analysis*; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation and Decision-Making*; L. Collins and D. F. Walker (Eds.), *Locational Dynamics of Manufacturing Activity*; J. Rees, G. J. D. Hewings and H. A. Stafford, *Industrial Location and Regional Systems*; H. D. Watts, *The Large Industrial Enterprise*; R. Oakey, *High Technology, Industry and Industrial Location*; P. M. Townroe and N. J. Roberts, *Local-External Economics for British Manufacturing*; F. E. I. Hamilton and G. J. Linge (Eds.), *Spatial Analysis, Industry and the Industrial Environment*. Vol. 1 *Industrial Systems*; Vol. 2 *International Industrial Systems*; P. M. Townroe, *Industrial Location Decisions*; M. J. Cooper, *The Industrial Location Decision-Making Process*; P. M. Townroe, *Industrial Movement: Experience in the U.S. and the U.K.*; M. Edel and J. Rothenberg (Eds.), *Readings in Urban Economics*; A. Pred, *The Spatial Dynamics of U.S. Urban-Industrial Growth, 1800-1914*; P. A. Groves, *Towards a Typology of Intra-Metropolitan Manufacturing Locations.*

Gy414 Geography of Transport Planning (Class)

Dr K. R. Sealy. Sessional.

Syllabus This course will be particularly concerned with the spatial aspects of the

transport problem but will include a consideration of related economic and technical problems. The main subjects covered include network analysis; transport planning models; transport and economic development; measurement and evaluation of environmental problems. Examples will be drawn mainly from road and air transport. Where appropriate courses in economics and historical aspects may be included.

Recommended reading C. D. Foster, *The Transport Problem*, (2nd edn.); K. Kinsky, *Transportation Networks*, Chicago University Department of Geography Research Paper No. 84; P. Haggett and R. J. Chorley, *Network Analysis in Geography*; Lane, Powell and Prestwood Smith, *Analytical Transport Planning*; S. Jones, *Urban Transport Appraisal*; K. R. Sealy, *Airport Strategy and Planning*; R. Taylor, *Noise*; B. S. Hoyle, *Transport and Development*; D. A. Hensher, *Urban Transport Economics*; R. de Neufville, *Airport Systems Planning*.

Gy415 Cartographic Communication

Dr Board. Fifteen lectures, Sessional.

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*; A. H. Robinson and B. Bartz Petchenik, *The Nature of Maps*; D. J. Cuff and M. T. Mattson, *The Design and Production of Thematic Maps*; L. Guelke (Ed.), *Maps in Modern Geography*.

Gy416 Regional Problems of the United States (Seminar)

Dr Estall. Twenty-two seminars, Sessional.

This course is held for students taking the M.A. Area studies degree at the Institute of United States studies and for M.Sc. Econ. Hist.

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*; G. Sternlieb and J. W. Hughes (Eds.), *Post Industrial America: Metropolitan Decline and Inter Regional Job Shifts; Revitalisation of the North East: Prelude to an Agenda*; 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*.

Gy417 Social Theory and Urban and Regional Questions (Seminar)

Dr Duncan, Dr Hebbert and Ms Massey. Twenty seminars, Sessional.

For M.Sc. and other graduate students.

Syllabus The relationship between Marxist and other perspectives in general social theory and the empirical analysis of the "urban" and "regional" problems. A number of introductory seminars on uneven development, the urban question, the problem of the capitalist state and underdevelopment, followed by analysis of particular issues according to the interests of graduate students. Topics will probably include the production of the built environment, the land question, the new international division of labour, the local estate, and the regional and urban questions in peripheral capitalism.

ADVANCED COURSES IN REGIONAL AND URBAN PLANNING STUDIES

Gy450 Regional and Urban Planning Problems (Seminar)
Professor Day, Professor Self, Mr Diamond, Dr Hebbert, Mr Jackman and Dr Dunleavy. An interdepartmental seminar, Summer Term.

Gy451 Spatial Theory in Regional and Urban Planning (Seminar)

Mr Diamond, Michaelmas and Lent Terms.

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 and E. J. Kaiser, *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 Policy*; J. Friedmann and C. Weaver, *Territory and Function*; P. Haggett et al, *Locational Models*; 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*; A. Pred, *City Systems in Advanced Economies*; M. E. Sant, *Industrial Movement and Regional Development*; L. S. Bourne, *Urban Systems*.

Other references will be given during the course.

Gy452 Quantitative Methods in Regional and Urban Planning Studies

Dr Frost. Ten lectures, 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.

Gy454 Urban Plans and Regional Policies: A Comparative Course
Dr Hebbert. Ten seminars, Michaelmas Term.

This course will not be given in 1982-83.

Open to other interested graduate students by permission.

Syllabus This seminar will examine the historical evolution in both advanced and developing countries, of two related fields of environmental planning: local regulation of land use and building, and broad policy for the geographical distribution of development. Topics will include the rise of modern town planning 1890-1914, interwar experiments in regional planning, the postwar reforms of urban planning law, changing concepts of the urban master plan, the treatment of space in national economic development plans, the concepts of functional and political regionalism, the relation between environmental and land use controls, and lastly, the implications of the above-mentioned developments for the training and professionalization of urban and regional planners.

Recommended reading J. Friedmann and C. Weaver, *Territory and Function*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. Hayward and M. Watson, *Planning Politics and Public Policy*; P. Hall, *Urban and Regional Planning*; W. Stohr, *Regional Development: Experiences and Prospects in Latin America*; J. Friedmann and W. Alonso, *Regional Policy*; D. Slater, *Underdevelopment and Spatial Inequality: Approaches to the Problem of Regional Planning in the Third World*; L. Rodwin, *Nations and Cities: A Comparison of Strategies for Urban Growth*; A. Gilbert, *Development Planning and Spatial Structure*; M. Pacione (Ed.), *Problems and Planning in Third World Cities*; B. Ward, *The Home of Man*; G. Cherry, *Shaping an Urban World*; A. Turner, *Cities of the Poor: Settlement Planning in Developing Countries*; H. Stretton, *Urban Planning in Rich and Poor Countries*; A. Kuklinski, *Regional Development and Planning*.

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.); Professor of Geography.
M. E. Frost, B.A., M.Sc., Ph.D.; Lecturer in Geography.
Rita A. M. Gardner, B.Sc.; Lecturer in Geography.
D. R. Green, B.A. (Cantab.); Lecturer in Geography.
K. Hoggart, B.Sc., M.Sc. (Salford); 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.; Senior 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.
J. I. Pitman, B.Sc., Ph.D. (Hull); Lecturer in Geography.
J. C. Pugh, M.A. (Cantab.), Ph.D., F.R.I.C.S.; Professor of Geography.
A. M. Warnes, B.A. (Hull), Ph.D. (Salford); Lecturer in Geography.
E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

Government

Gv100 An Introduction to Political Thought: the Greeks

Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.A. (Hist.).

Syllabus Greek thought on politics is treated here as the first sustained attempt at the rational explanation through discussion and dialogue of the processes of human government, and of the degree to which members of the social community can or ought to participate in government. This subject primarily requires a knowledge of the political ideas of Plato and Aristotle, in particular of Plato's *Republic* and Aristotle's *Politics*.

For this purpose, some introductory material is also included about the previous history of Greek political thinking, and the characteristics of Athenian democracy. Particular attention is paid to the treatment in Plato and Aristotle of the following topics:
(a) The nature of the political community
(b) The relationship between political knowledge and political activity
(c) The nature of government and law
(d) The differing types of constitution
(e) The meaning of justice and morality in politics

Preliminary reading A. R. Burn, *The Pelican History of Greece* (Penguin); T. A. Sinclair, *A History of Greek Political Thought* (Routledge Paperback); E. Barker, *Greek Political Theory: Plato and his Predecessors* (Methuen University Paperback); J. B. Morrall, *Aristotle* (George Allen and Unwin, Political Thinkers Series Paperback); R. G. Mulgan, *Aristotle's Political Theory* (Oxford University Press Paperback); R. Hall, *Plato* (George Allen and Unwin, Political Thinkers Series Paperback); F. M. Cornford, *The Republic of Plato* (Oxford University Press Paperback); T. J. Saunders, *The Politics of Aristotle*, revised edition (Penguin Classics).
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.

Syllabus A study of the varying types of political argument, distinguished according to whether their design depends upon the practical attempt to persuade or the theoretical commitment to understand; and distinguished according to level of abstraction. Attention will be given primarily to: discussions of technical skill in politics; rhetorical argument; political philosophy; and ideology. These types will be studied in relation to (usually) four texts, which may be varied from year to year. In 1980-81 the texts were: 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

Gv102 Political Thought

Mr Minogue. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.

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.

Gv104 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten lectures, Lent Term.

Optional for B.Sc. (Econ.) Part II; B.A. Hist.

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. **Recommended reading** H. A. Deane, *The Political and Social Ideas of St. Augustine*; T. Gilby, *Principality and Polity: Aquinas and the Rise of State Theory in the West*; A. Gewirth, *Marsilius of Padua*, Vol. I; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; J. B. Morrall, *Political Thought in Mediaeval Times*; J. B. Morrall, *The Mediaeval Imprint*.

Gv105 Political Thought (Texts) Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.
Plato: Dr Morrall
Aristotle: Dr Morrall
Machiavelli: Mr Minogue
Hobbes: Dr von Leyden
Rousseau: Mr Charvet
Hegel: Professor Kedourie
Mill: Mr Thorp
Locke: Dr von Leyden

Gv106 French Political Thought Professor Cranston. Ten lectures, Lent Term.

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 J. W. Allen, *Political Thought in the Sixteenth Century* (1951); F. J. C. Hearnshaw, *Social and Political Ideas of the Renaissance and Reformation* (1925); K. Martin, *French Liberal Thought in the Eighteenth Century* (1958); C. Frankel, *The Faith of Reason* (1948); E. Cassirer, *The Philosophy of the Enlightenment* (1951); J. Droz, *Histoire des doctrines politiques en France* (1948); M. Leroy, *Histoires des idées sociales en France* (1947-1954); J.-J. Chevallier, *Les grandes oeuvres politiques* (1949); J. P. Mayer, *Political Thought in France* (1961); R. Soltau, *French Liberal Thought in the Nineteenth Century* (1931); J. Touchard, *Histoire des idées politiques* (1962).

Gv107 Political Philosophy Mr Charvet and Dr Rosen. Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.
Syllabus Philosophy: its characteristics and methods, and its place in the study of politics. The origins and grounds of moral judgments. The nature of the state. Authority and power. Compulsion persuasion and consent. Responsibility and punishment. Political obligation. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom. Historical explanation and the problem of determinism. The aims and methods of political science. Property and distributive justice. Theories of democracy and equality.

Recommended reading C. G. Field, *Political Theory*; J. R. Lucas, *The Principles of Politics*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; J. D. Mabbott, *The State and the Citizen*; B. Barry, *Political Argument*; H. L. Hart, *The Concept of Law*; T. D. Weldon, *The Vocabulary of Politics*; M. Oakshott, *Rationalism in Politics*; S. Wolin, *Politics and Vision*; M. Cranston, *Freedom*; E. F. Carr, *Morals and Politics*; P. Laslett (Ed.), *Philosophy, Politics and Society* (I and II); D. D. Raphael, *Problems of Political Philosophy*; K. R. Popper, *Conjectures and Refutations*; D. D. Raphael, *Political Theory and the Rights of Man*; A. P. d'Entrèves, *The Notion of the State*.

Gv107(a) Class Lent Term.

For second-year students.

Gv107(b) Class Michaelmas and Lent Terms.

For third-year students.

Gv109 Modern Political Thought Mr Thorp. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.
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, Proudon, 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* (Ed. Markham or Ionescu); K. Marx, *Selected Writings* (various editions); 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, *The Man versus the State*; B. Bosanquet, *The Philosophical Theory of the State*.

GENERAL READING OR FOR REFERENCE: L. Lancaster (Ed.), *Masters of Political Thought*, Vol. 3; J. Bowle, *Politics and Opinion in the Nineteenth Century*; J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltau, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; E. Kedourie, *Nationalism*; R. G. Collingwood, *The Idea of History*; R. Aron, *Main Currents in Sociological Thought I*; E. Barker, *English Political Thought 1848-1914*; W. Y. Elliott, *The Pragmatic Revolt in Politics*; A. Gray, *The Socialist Tradition*; M. Mandelbaum, *History, Man and Reason*; S. S. Wolin, *Politics and Vision*; F. L. Baumer, *Modern European Thought*; E. F. Carr, *Morals and Politics*.

Further reading will be given in lectures and classes.

Gv109(a) Class For second year students.

Gv109(b) Class For third year students

Gv110 The Political Thought of Hegel and Marx Professor Kedourie. Fifteen lectures, Michaelmas and Lent Terms.

For undergraduate and graduate students.
Syllabus The main lines of Hegel's political thought; the Hegelian tradition and its transformations. The political thought of Marx.

Gv149 Modern Politics and Government Class Mr Wolf-Phillips. Twenty-five classes, Sessional. For Trade Union Studies.

Gv150 Modern Politics and Government with special reference to Britain

Dr R. S. Barker, Professor G. W. Jones, Dr Dunleavy and Professor Self. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Soc.; Trade Union Studies.
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; economic and social influences upon the political system; the relations between politics and administration; the possible meanings of the public interest; and the relation of democratic theories to the methods of reaching government decisions. The principal part of the course is an examination 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 CONCEPTS AND THEORIES: B. Barry, *Political Argument*; B. Crick, *In Defence of Politics*; S. E. Finer, *Comparative Government* (Part I); S. M. Lipset, *Political Man*; R. Miliband, *The State in Capitalist Society*; P. Dunleavy, "Alternative Theories of Liberal Democratic Politics" in D. Potter (Ed.), *Society and the Social Sciences*; J. S. Mill, *Representative Government*; J. D. B. Miller, *The Nature of Politics*; W. Bagehot, *The English Constitution*; S. H. Beer, *Modern British Politics*; A. H. Birch, *Representative and Responsible Government*; BRITISH GOVERNMENT: A. H. Hanson and M. Wallis, *Governing Britain*; R. M. Punnett, *British Government and Politics*; R. Rose, *Politics in England Today*; B. C. Smith, *Policy Making in British Government*; J. Blondel, *Voters, Parties and Leaders*; R. G. S. Brown and D. R. Steel, *The Administrative Process in Britain*; R. Clutterbuck, *Protest and the Urban Guerrilla*; S. E. Finer, *Anonymous Empire*; A. King, *The British Prime Minister*; S. A. Walkland and M. Ryle, *The Commons Today*; H. M. Drucker (Ed.), *Multi-Party Britain*; I. McLean, *Elections*; Geoffrey Alderman, *British Elections*; P. G. Richards, *The Reformed Local Government System*; P. Singer, *Democracy and Disobedience*; S. A. de Smith, *Constitutional and Administrative Law*; T. Smith, *The Politics of the Corporate Economy*; H. Street, *Freedom, the Individual and the Law*; L. Tivey, *Nationalisation in British Industry*; MODERN POLITICAL ANALYSIS: R. Dahl, *A Preface to Democratic Theory*; A. Downs, *An Economic Theory of Democracy*; C. E. Lindblom, *Politics and Markets*; S. Lukes, *Power: A Radical View*; W. A. Robson, *Welfare State and Welfare Society*.

Gv150(a) Classes
For undergraduates.

Gv151 History of British Politics from the Seventeenth to the Twentieth Century
Mrs Bennett. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II.
Syllabus A historical study of the political and institutional arrangements prevailing at any given period between 1660 and 1922, of the events and ideas associated with them, and the process by which they change and develop. Major themes will include the attempt to work the restoration compromise; the working out of the Revolution of 1688; the growth of political stability; the impact of major wars and of foreign revolution on the constitution; the changing roles of Monarchy, Cabinet and Parliament in the period and the interaction between them; the development of the two-party system; political reform and the emergence of a political structure which welds together strong government and representative democracy; and the stresses affecting this system at the end of the period covered. **Recommended reading** will be given at the beginning of the course.

Gv151(a) Class
Ten fortnightly classes,
Sessional.

Gv152 History of British Politics in the Twentieth Century
Mr Beattie and Mr Barnes.
Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.
Syllabus and **recommended reading** will be given at the beginning of the course.

Gv152(a) Class
Twelve fortnightly classes,
Sessional.

Gv153 Modern British Government
Seminars chosen from a list of options which will include the following.
For B.Sc. (Econ.) Part II.
Section (ii) also for M.Sc.

(i) Political Ideas in the United Kingdom
Dr R. S. Barker. Twenty-two seminars, Sessional.
Syllabus Ideology—the uses and meanings

of the word. Levels of political thinking in Britain. The development of the state and the accompanying political debate. Concepts of citizenship and nationality. The ideological character of party politics.

Introductory reading R. Barker, *Political Ideas in Modern Britain*; S. H. Beer, *Modern British Politics*; Sir Ernest Barker, *Political Thought in England from Herbert Spencer to the Present Day*; Raymond Williams, *Culture and Society 1780–1950*; H. Pelling (Ed.), *The Challenge of Socialism*; P. W. Buck (Ed.), *How Conservatives Think*; A. Bullock and M. Shock (Eds.), *The Liberal Tradition, From Fox to Keynes*.

A full syllabus and reading list will be given out at the start of the course.

(ii) Political Behaviour with special reference to British Political Parties, the Electorate and the Mass Media

Dr Nossiter. Twenty-two seminars, Sessional.
Syllabus Political Culture. Political Learning and Socialisation. Electoral behaviour, Political Parties. Mass communications and politics.
Recommended reading R. Rose, *Politics in Britain Today*; R. E. Dowse and J. Hughes, *Political Sociology*; R. Miliband, *The State in Capitalist Society*; D. Kavanagh, *Political Culture*; T. Tapper, *Political Education and Stability*; D. E. Butler and D. Stokes, *Political Change in Britain*; R. Rose, *Electoral Behaviour*, Chap. 10; C. Seymour-Ure, *The Press, Politics and the Public*, esp. chapter on The Political Impact of Mass Media; Glasgow University Media Group, *Bad News and More Bad News*; J. G. Blumler and D. McQuail, *Television and Politics*; J. G. Blumler, 'The Political Effects of Television' in J. Halloran (Ed.), *The Effects of Television*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; L. Minkin, *Labour Party Conference*; A. Beattie (Ed.), *English Party Politics*, 2 Vols.; A. H. Birch, *Political Integration and Disintegration*; B. Stacey, *Political Socialisation in Western Society*.

Gv153(ii)(a) Class
Fifteen classes, Michaelmas and Lent Terms.

(iii) Cabinet Government and the National Policy Process

Mrs Bennett and Mr Barnes.
Ten lectures, Michaelmas Term and ten seminars, Lent Term.

Syllabus This course will centre on the British Cabinet and will analyse the process of policy making from this perspective. The working of the Cabinet, its committees, its administrative machinery and its relationships with the Departments of State, Parliament and the party apparatuses will be covered. Special attention will be devoted to the relationship between permanent officials and politicians and to the role of the Prime Minister's personal staff.

Introductory reading R. H. S. Crossman, *Inside View; Diaries of a Cabinet Minister*, Vol. I; Gordon Walker, *The Cabinet*; A. King (Ed.), *The British Prime Minister*; J. P. Mackintosh, *The British Cabinet*; H. Morrison, *Government and Parliament*; B. C. Smith, *Policy Making in British Government*; H. Wilson, *Governance of Britain*.

A full reading list will be issued at the beginning of the course.

Gv153(iii)(a) Class
Eight classes, Michaelmas Term.

Gv154 Administrative Organization and Behaviour
Dr R. M. Thomas and Mr Dawson. Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and 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*; R. G. S. Brown and D. R. Steel, *The*

Administrative Process in Britain; R. Thomas, *The British Philosophy of Administration*; Sir Richard Clarke, *New Trends in Government*; D. Keeling, *The Management of Government*; C. Hood, *The Limits of Administration*; J. Garrett, *Managing the Civil Service*; P. Kellner and Lord Crowther Hunt, *The Civil Servants*; J. Fesler, *Public Administration: Theory and Practice*; H. Seidman, *Politics, Position and Power*; J. D. Millett, *Organization for the Public Service*; L. C. Gawthrop, *Bureaucratic Behaviour in the Executive Branch*; H. Hecló, *A Government of Strangers*; F. F. Ridley and J. Blondel, *Public Administration in France*; M. Crozier, *The Bureaucratic Phenomenon*; H. Jacoby, *The Bureaucratization of The World*; F. Heady, *Public Administration, A Comparative Perspective*; W. Guy Peters, *The Politics of Bureaucracy*.

Gv155 Public Administration (Class)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.

Suitable for students attending Gv154 and related Public Administration teaching.

Syllabus This course ranges from analyses of the work and behaviour of civil servants and ministers, to theories of power, conflict and bureaucracy. Specific British government organizations, like the Civil Service and public corporations, are examined as well as problems of managing complex government organizations, such as accountability, control, general management and decision-making.

Recommended reading M. Albrow, *Bureaucracy*; C. Barnard, *The Functions of the Executive*; J. Bourn, *Management in Central and Local Government*; R. G. S. Brown and D. R. Steel, *The Administrative Processes in Britain* (2nd edition); P. Self, *Administrative Theories and Politics*; J. Garrett, *Managing the Civil Service*.

Gv156 British Government and Bureaucracy

Professor G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and graduate students.

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. Public policy making.

Recommended reading

GENERAL AND INTRODUCTORY: J. Stanyer and B. Smith, *Administering Britain*; R. G. S. Brown and D. R. Steel, *The Administrative Process in Britain*; W. Thornhill (Ed.), *The Modernization of British Government*; R. A. Chapman and A. Dunsire, *Style in Administration*; B. C. Smith, *Policy-Making in British Government*.

HISTORY: H. Parris, *Constitutional Bureaucracy*; H. R. G. Greaves, *The Civil Service in the Changing State*; G. K. Fry, *Statesmen in Disguise*; D. N. Chester and F. M. G. Wilson, *The Organisation of British Central Government*; H. Daalder, *Cabinet Reform in Britain*; R. Chapman and J. R. Greenaway, *The Dynamics of Administrative Reform*.

THEORIES AND PRACTICE: P. Self, *Administrative Theories and Politics*; R. J. S. Baker, *Administrative Theory and Public Administration*; M. Spiers, *Techniques and Public Administration*; R. Thomas, *The British Philosophy of Administration*.

CIVIL SERVICE: The Fulton Committee, *The Civil Service* (Cmnd. 3638); R. A. Chapman, *The Higher Civil Service in Britain*; F. F. Ridley (Ed.), *Specialists and Generalists*; C. H. Sisson, *The Spirit of British Administration*; 11th Report of the Expenditure Committee, *The Civil Service* (Session 1976-77, H.C. 535); P. Kellner and Lord Crowther-Hunt, *The Civil Servants*.

REFORMS: Haldane Report, *Report of the Machinery of Government Committee* (Cd. 9230); H.M.S.O., *The Reorganisation of Central Government* (Cmnd. 4506); D. Keeling, *Management in Government*; J. Garrett, *Managing the Civil Service*; Sir Richard Clarke, *New Trends in Government*; J. Bourn, *Management in Central and Local Government*.

RESOURCES AND POLICY: H. Hecló and A. Wildavsky, *The Private Government of Public Money*; Lord Diamond, *Public*

Expenditure in Practice; M. Shanks, *Planning and Politics*; M. Wright (Ed.), *Public Spending Decisions*.

THE TOP: J. Haines, *The Politics of Power*; H. Wilson, *The Governance of Britain*; J. Bruce Gardyne and N. Lawson, *The Power Game*; R.I.P.A., *Policy and Practice*.

PRESSURE GROUPS AND THE ADMINISTRATIVE PROCESS: R. Gregory, *The Price of Amenity*; J. J. Richardson and A. G. Jordan, *Governing under Pressure*.

LOCAL GOVERNMENT: P. G. Richards, *The Reformed Local Government System*; J. Stanyer, *Understanding Local Government*; R. A. W. Rhodes, *Control and Power in Central-Local Government Relations*; Central Policy Review Staff, *Relations Between Central Government and Local Authorities*.

PUBLIC ENTERPRISE: L. Tivey, *Nationalisation in British Industry*; N.E.D.O., *A Study of U.K. Nationalised Industries*; H.M.S.O., *The Nationalised Industries* (Cmnd. 7131).

AD HOC AGENCIES: D. C. Hague *et al.*, *Public Policy and Private Interests*; T. J. Cartwright, *Royal Commissions and Departmental Committees in Britain*; Outer Circle Policy Unit, *What's Wrong with Quangos?*

Gv157 Aspects of Comparative Local Government

Professor G. W. Jones. Ten lectures, Michaelmas Term.

For M.Sc. and other interested students. **Syllabus** A study of the local government systems of a number of countries both developed and underdeveloped. The organization, functions and areas of local authorities, their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning, metropolitan and big-city government.

Recommended reading S. Humes and E. M. Martin, *The Structure of Local Government*; D. C. Rowat, *International Handbook on Local Government Reorganization*; A. H. Marshall, *Local Government Finance*; Institute of Commonwealth Studies, *A Revival of Government and Administration*; Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; J. Lagroye

and V. Wright, *Local Government in Britain and France*; D. N. Nelson, *Local Politics in Communist Countries*; W. A. Robson and D. E. Regan (Eds.), *Great Cities of the World*; A. H. Walsh, *The Urban Challenge to Government*; Layfield Committee on Local Government Finance, Appendix 5, *Report on Foreign Visits*; R. A. Dahl and E. R. Tufté, *Size and Democracy*; J. W. Fesler, *Area and Administration*; A. Maass, *Area and Power*; L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies*; S. Tarrow *et al.*, *Territorial Politics in Industrial Nations*; R. C. Fried and F. F. Rabinowitz, *Comparative Urban Politics*; D. S. Wright, *Understanding Inter-governmental Relations*. Other books and articles will be recommended at the beginning of the course.

Gv158 Aspects of Comparative Local Government (Seminar)

Professor G. W. Jones and Dr Dunleavy. Lent Term.

For M.Sc. and other interested graduate students.

Gv159 Urban Politics

Dr Dunleavy. Ten lectures, Michaelmas Term.

For M.Sc. and other interested students. **Syllabus** The scope and history of urban studies in social science and the emergence of urban politics as a key sub-field. The role of state intervention in structuring the development of consumption processes. Types of social consumption and the imperatives of state intervention. Institutional arrangements in the state apparatus: Tiebout effects, the dual state thesis, etc. Functional change and fiscal centralization. Urban conflicts, political alignments and urban social movements. Urban policy systems and their pathologies. Comparative analysis of urban politics in poor capitalist and state socialist societies.

Recommended reading M. Castells, *City, Class and Power*; P. Dunleavy, *Urban Political Analysis*; J. Nelson, *Access to Power: Politics and the Urban Poor in Developing Nations*; J. O'Connor, *The Fiscal Crisis of the State*; N. Polsby, *Community Power and Political Theory*; P. Saunders, *Urban Politics*; J. Simmie, *Citizens in Conflict*.

Gv160 Comparative Political Institutions: Government and Politics of Foreign Countries
Dr Machin, Mr Reddaway, Dr G. R. Smith, Dr Philip, Mr Schöpflin and Mr Wolf-Phillips. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.
For second-year students.

Description of course This course acts as an introduction to the government and politics of foreign countries. It will include a treatment of different types of political system as well as a consideration of both major and minor states. The countries will be selected from the following range: France, Germany, U.S.A., U.S.S.R., India, Mexico, Nigeria, Pakistan, Poland and Sweden. In 1982-83 the following will be chosen: France, U.S.S.R., Mexico, Poland.

Gv160(a) Classes

Five classes, Lent Term. In connection with each country.
For B.Sc. (Econ.) Part II.
For second-year students.

Gv161 Comparative Political Institutions: Theories in Comparative Politics

Dr G. R. Smith and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.
For third-year students.

Gv161(a) Classes

Eleven classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II.
For third-year students.

Gv162 Politics in Africa

Mr Panter-Brick. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.; M.A. Area Studies—Africa, and others interested.
Syllabus A general survey and analysis of governmental institutions and procedures, of the social and ideological context in which they function, and of the use made of concepts relating to authority,

nationalism and tradition. Problems of political integration; the various kinds of political cleavage; factionalism within the one-party or no-party state. The means of securing political support, including relations of clientage. Modes of representation, formal and informal. Political instability; the role of the military in government.

Introductory reading H. Bienen, 'One Party Systems in Africa' in S. P. Huntington and C. H. Moore (Eds.), *Authoritarian Politics in Modern Society*; M. Crowder, *West Africa under Colonial Rule*, Part III; R. First, *The Barrel of a Gun*; S. P. Huntington, *Political Order in Changing Societies*; G. A. Heeger, *The Politics of Under-development*; W. E. Gutteridge, *Military Regimes in Africa*; J. E. Goldthorpe, *Sociology of the Third World*; L. Mair, *New Nations*; J. Maquet, *Power and Society in Africa*; W. A. Lewis, *Politics in West Africa*; P. C. Lloyd, *Africa in Social Change*; K. Post, *The New States of West Africa*; D. Austin, *Politics in Africa*; B. Davidson, *Africa in Modern History*; G. Hermet *et al* (Eds.), *Elections Without Choice*; C. P. Potholm, *The Theory and Practice of African Politics*; A. A. Rostow, *A World of Nations*; A. Zolberg, *Creating Political Order*.

Note M.Sc. students should attend Courses Gv230, IR120 and IR158.

Gv162(a) Politics in Africa (Class)

Mr Panter-Brick. Michaelmas and Lent Terms.

Gv163 The Politics and Government of France

Dr Machin. Twenty-two lectures, Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 3rd yr.; LL.B. with French Law; Dip. Int. and Comp. Pols.; M.Sc. and other interested graduate students.
Syllabus In the first term, this course examines the interventionist State in France and its recent development. It concentrates on the parallel ideological, institutional and socio-economic developments in the post-war period, but it relates these developments to the evolution of modern France since the Revolution.

In the second and third terms the course first examines the characteristics of the

main political forces, the institutional arrangements and electoral behaviour. Then it focusses on the input and application processes in several policy areas: Foreign Policy, Education, Agriculture, Industrial Development, Regional Policy, Economic Planning.
Recommended reading Jack Hayward, *The One and Indivisible French Republic*; D. Hanley Kerr and N. Waites, *Contemporary France*; V. Wright, *The Government and Politics of France*; P. G. Cerney and M. Schern (Ed.), *Politics and Public Policy in France*.

Gv163(a) Politics and Government of France (Class)

Twenty-three classes, Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 3rd yr.; LL.B. with French Law; Dip. Int. and Comp. Pols.

Gv164 Politics and Government of the U.S.A.

Professor Letwin. Twenty lectures, Lent Term.
For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.
Syllabus and recommended reading will be given at the beginning of the course.

Gv164(a) Class

Ten classes, Lent Term.
For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

Gv165 Politics and Government of Russia

Professor Schapiro. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols. and other interested undergraduate and graduate students. Students are also referred to course Gv166.
Syllabus and recommended reading will be given at the beginning of the course.
Note: For classes see Gv166(a).

Gv166 Themes in Russian and Soviet Politics 1855-1982

Dr Lieven. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc. and other interested

graduate and undergraduate students.
Syllabus The first ten lectures will cover the period in a basically historical and chronological manner, the last ten will look at specific themes. The outline will be as follows:

- (1) Geopolitical, economic, social and ideological roots of Russian authoritarianism
 - (2) Pre-marxist socialism in Russia
 - (3) Structure and values of Russian peasant society, 1855-1929
 - (4 and 5) The failure of constitutional liberalism. Alexander II, 1855-1881; the Constitutional Experiment, 1905-14
 - (6) Pre-revolutionary Russian marxism
 - (7) Leninism triumphant, 1917-23
 - (8) Stalinism
 - (9) Krushchev
 - (10) The Collective Leadership, 1964-82
 - (11) The Imperial bureaucracy: functions and cadres
 - (12) The CPSU. Functions and cadres
 - (13) Local government, 1855-1982; organization, functions, cadres and principles
 - (14) Industrialisation: Imperial and Soviet style
 - (15) The Russian working class
 - (16) Conservative nationalism from the Slavophiles to Solzhenitsyn
 - (17) The non-Russian minorities
 - (18 and 19) The role of the political police and the military in Imperial and Soviet Russia
 - (20) The relationship between internal and external policy, 1855-1982
- Recommended reading** will be announced at the beginning of the course.

Gv166(a) Politics of Russia (Class)

Mr Reddaway and Dr Lieven. Twenty classes, Michaelmas and Lent Terms.

Gv167 The Politics and Government of Germany

Dr G. R. Smith. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc. and other graduate students.
Syllabus Historical: The conditions of German unification in the nineteenth century. The consequences, social and political, of her belated nationhood. Continuities and discontinuities in the

German political tradition and the influences of German political thought. Liberal democracy in the Weimar Republic; the factors leading to its breakdown. Specific and non-specific elements in the German form of totalitarianism. Post-war occupation and the period of 'democracy under licence'. The Federal Republic: The Basic Law of 1949. Constitutional innovations and the role of the Constitutional Court. The 'administrative' nature of German federalism. Government and politics in the Länder. Assembly-Government relations. The specific functions of the Bundesrat. The legislative process. The theory and practice of 'chancellor-democracy'. The German civil service. Civil-military relations. The major political traditions: Christian Democracy and Social Democracy, German liberalism. The failure of political extremism and the evolution of the party system since 1949. Coalition politics of the Adenauer era and after. Social aspects of politics. The sources of political consensus and cleavage. The representation of interests. The religious balance. Extra-parliamentary opposition. The changing class structure. The division of Germany and its impact on the political scene. The internal development of the German Democratic Republic, and the course of relations with the Federal Republic. The evolution and implications of the 'Ostpolitik'.

Recommended reading K. D. Bracher, *The German Dictatorship*; A. Bullock, *Hitler; A Study in Tyranny*; T. Burkett, *Parties and Elections in West Germany*; D. Conradt, *The German Polity*; R. Dahrendorf, *Society and Democracy in Germany*; H. Döring and G. Smith (Eds.), *Party Government and Political Culture in Western Germany*; K. Dyson, *Party, State and Bureaucracy in Western Germany*; L. J. Edinger, *Politics in West Germany*; W. Graf, *The German Left since 1945*; A. Grosser, *Germany in our Time: A Political History of the Post-War Years*; N. Johnson, *Government in the Federal Republic of Germany*; G. Loewenberg, *Parliament in the German Political System*; G. Mann, *The History of Germany since 1789*; P. H. Merkl, *The Origins of the West German Political System*; F. Neumann, *Behemoth: The Structure and Practice of National Socialism*; A. Nicholls and E. Matthias (Eds.), *German Democracy and the Triumph of Hitler*; W. Paterson and G.

Smith (Eds.), *The West German Model*; G. Pridham, *Christian Democracy in Western Germany*; G. Smith, *Democracy in Western Germany*; K. Sontheimer, *The Government and Politics of West Germany*; J. K. Sowden, *The German Question, 1945-1974*; R. Tilford (Ed.), *The Ostpolitik and Political Change in Germany*; P. Windsor, *Germany and the Management of Détente*.

Gv167(a) Class

Dr G. R. Smith. Twenty-five classes, Sessional.

Gv168 Politics and Government of Scandinavia

Mr Madeley. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students.

Syllabus The nation and state-building background up to the modern resolution of major constitutional issues. The development of modern patterns of social cleavage and their impact on mass politics from 1880. The rise of Social Democracy; an assessment of the myth and achievements. Non-socialist political traditions.

Characteristic institutions and practices of government. The politics of compromise and the new corporatism. Foreign policy, neutralism, Nordic Co-operation and Europe.

Recommended reading N. Andren, *Government and Politics of the Nordic Countries*; J. B. Board, *The Government and Politics of Sweden*; D. A. Rustow, *The Politics of Compromise*; M. D. Hancock, *Sweden: The Politics of Post-Industrial Change*; N. Elder, *Government in Sweden*; R. Scase, *Social Democracy in Capitalist Society*; R. Huntford, *The New Totalitarians*; H. Valen and E. Katz, *Political Parties in Norway*; H. Eckstein, *Division and Cohesion in Democracy*; J. A. Storing, *Norwegian Democracy*; K. E. Miller, *Government and Politics in Denmark*; D. Verney, *Parliamentary Reform in Sweden*; D. Rowat (Ed.), *The Ombudsman*; H. Friis, *Scandinavia between East and West*; H. Helco, *Modern Social Policy in Britain and Sweden*; S. Rokkan, *Citizens, Elections, Parties*; H. Tingsten, *The Swedish Social Democrats*; S. V. Anderson, *The Nordic Council*; M. Childs, *Sweden, The Middle Way*; F. Wendt, *The Nordic Council and Co-*

operation in Scandinavia; K. Cerny, *Scandinavia at the Polls*; Scandinavian Political Studies (annual volumes since 1966). S. Berglund and U. Linstroem, *The Scandinavian Party Systems*.

Gv168(a) Class

Twenty classes, Michaelmas and Lent Terms.

Gv169 Communism and Nationalism in Eastern Europe since 1944

Mr Schöpflin. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.

Syllabus This course is designed to explore the nature of communist revolutions in developing societies and the problems of continuity and change in the post-revolutionary order. The legacy of the pre-communist period, the salient factors in the communist seizure of power, the Stalinist model of development and the varieties of post-Stalinist experience are fully dealt with. The crises of the system (Poland and Hungary 1956, Czechoslovakia 1968, Poland 1980-81) are likewise explored, as are the variants developed in Yugoslavia and Albania. The decay of Marxism as a living ideology, the emergence of competing ideologies, with particular emphasis on the uses of nationalism, are considered in some detail and that is followed by an analysis of the nature of leadership, bureaucracy and political communication.

Recommended reading François Fejtö, *A History of the People's Democracies since Stalin*; Joseph Rothschild, *A History of East-Central Europe between the Wars*; Martin McCauley (Ed.), *Communist Power in Europe 1944-1949*; Robert C. Tucker, *Stalinism: Essays in Historical Interpretation*; H. Gordon Skilling, *Czechoslovakia's Interrupted Revolution*; Dennison Rusinow, *The Yugoslav Experiment 1948-1974*; Rudolf Tökés (Ed.), *Opposition in Eastern Europe*; Peter Sugar (Ed.), *Ethnic Diversity and Conflict in Eastern Europe*; Maria Hirsowicz, *The Bureaucratic Leviathan*.

Further reading will be distributed at the beginning of the course.

Gv169(a) Classes

Gv170 An Introduction to Latin American Politics

Dr Philip. Fifteen lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; M.Sc.; M.A. Area Studies and interested students.

Gv170(a) Classes

Dr Philip. Ten classes, Michaelmas Term.

Gv171 Public Policy: Political and Economic Aspects

Professor Letwin. Twenty-five lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II and graduate students.

Syllabus This course considers the modes of analysis devised by political scientists, economists, and others for evaluating public policies, as well as some principal varieties of public policies in the field of economics and the political procedures involved in formulating them.

1. Theory of elections, game theory, cost-benefit analysis, systems analysis, general principles of policy-making.
2. Policies for full employment, price stability, economic growth, redistribution of income and wealth, regulating the structure of the economy.

Recommended reading J. E. Anderson, *Public Policy Making*; R. A. Dahl and C. E. Lindblom, *Politics, Economics and Welfare*; Y. Dror, *Public Policymaking Re-examined*; T. R. Dye, *Understanding Public Policy*; R. I. Hofferbert, *The Study of Public Policy*; C. O. Jones, *Introduction to the Study of Public Policy*; C. E. Lindblom, *The Policy Making Process*; A. Ranney, *Political Science and Public Policy*; L. L. Wade, *Elements of Public Policy*; S. Brittan, *Steering the Economy*; T. Dye, *Politics, Economics and the Public*; T. W. Hutchison, *Economists and Economic Policy in Britain, 1946-1966*; C. Schultze, *The Politics and Economics of Public Spending*; I. Sharkansky, *Politics of Taxing and Spending*; A. B. Wildavsky, *The Politics of the Budgetary Process*; R. Layard (Ed.), *Cost-Benefit Analysis*; B. M. Barry, *Sociologists, Economists and Democracy*; J. M. Buchanan and G. Tullock, *The Calculus of Consent*; A. Downs, *Economic Theory of Democracy*; M. Olson, *The Logic of Collective Action*; G. Tullock, *Private Wants, Public Means*;

G. Tullock, *The Vote Motive*; I. Budge and Farlie, *Voting and Party*; R. Farquharson, *Theory of Voting*; M. Bacharach, *Economics and the Theory of Games*; S. J. Brams, *Game Theory and Politics*; S. J. Brams, *Paradoxes in Politics*; A. Rappaport, *Strategy and Conscience*; T. C. Schelling, *Strategy of Conflict*; D. Berlinski, *On Systems Analysis*; A. Dunsire, *The Execution Process*; D. Easton, *A Framework for Political Analysis*; F. E. Emery (Ed.), *Systems Thinking*; J. A. Litterer (Ed.), *Organizations*, 2 Vols.; E. J. Miller and A. K. Rice, *Systems of Organization*; J. M. Montias, *The Structure of Economic Systems*; L. W. Porter et al, *Behaviour in Organizations*.

ADVANCED COURSES

Gv200 History of Political Thought (Seminar)

Professor Kedourie, Mr Minogue and Dr Orr. Sessional. For M.Sc.

Gv201 Political Philosophy (Seminar)

Professor Cranston, Mr Charvet and Dr Rosen. Fortnightly, Sessional. For registered Ph.D. students and others by permission.

Gv202 Problems in Political Philosophy (Seminar)

Dr von Leyden. Sessional. For graduate students.
Syllabus A selection of conceptual issues raised by Aristotle, Hobbes, and Locke, and their present-day significance.
 1. Aristotle's Arguments concerning Equitable Inequality and the Law
 His emphasis on differentials and the relativity of merits. The importance of his (a) strict, and (b) wider definition of equality as a formal concept. His endeavour to equalize the different and at the same time his acceptance of certain inequalities as justifiable on rational or moral grounds. The question of validating the concept of a universal, rational law. Conservative and reformative justice.
 2. The Basis of Hobbes's Philosophy of

Right and Obligation

Natural right as the minimum of liberty; endeavour and deliberation. Free action, determinism, and obligation. The viability of Hobbes's 'compatibility' theory and the question of the mechanics of a political contract. Right, power, and 'good'.

3. Locke's Politics of Individual Liberty versus State Authority

His 'strange' doctrine of punishment. The relevance of the distinction between natural and political power. Trust, prerogative, and lawful government. The question of consent and the principle of 'floating' sovereignty. The grounds for civil disobedience and the right of revolution. On justifying 'law and order'.

Gv203 Greek Political Philosophy: The Concept of Justice (Seminar)

Dr Rosen. Fortnightly, Michaelmas and Lent Terms. For M.Sc.

Gv204 Modern Political Philosophy: Freedom and Equality (Seminar)

Mr Charvet. Fortnightly, Sessional. For M.Sc.

Gv205 Greek Political Thought (Seminar)

Dr Rosen and Dr Morrall. Fortnightly, Sessional. This course will not be given in 1982-83. For interested graduate students.

Gv206 Politics and Government of the United Kingdom (Seminars)

For M.Sc.
 (i) The State in Britain
 Dr R. S. Barker.
 (ii) Interpretations of the Constitution
 Mr Beattie.
 (iii) History of British Politics in the twentieth century
 Mr Beattie and Mr Barnes.
 (iv) Political Ideas in the United Kingdom
 Dr R. S. Barker.

Gv207 Twentieth Century British Politics (Seminar)

Dr R. S. Barker. Lent Term. For interested graduate and undergraduate students.

Gv208 Graduate Research Seminar in British Politics Fortnightly, Michaelmas Term. For interested research students.

Gv209 Comparative Government (Seminar)

Mr Wolf-Phillips. Michaelmas and Lent Terms. For M.Sc.

Gv210 Political Sociology Seminars

Dr Nossiter and Mr Madeley. Sessional. For M.Sc.

Gv211 Communism in India: Kerala 1931-1977

Dr Nossiter. Ten lectures, Lent Term. For M.Sc. and interested graduate and undergraduate students.
Syllabus Kerala's distinctive character. Origins of communist movement. The 1957-9 Communist Ministry. The split in the CPI in Kerala. Communist-led United front governments 1967-77 in theory and practice. The social basis of communist support.
Recommended reading P. Brass and M. Franda (Eds.), *Radical Politics in South Asia*; E. M. S. Namboodiripad, *Kerala, Yesterday, Today, and Tomorrow*; V. M. Fic, *Kerala, The Yenan of India*; T. J. Nossiter, 'Communist Leadership in Kerala' in B. Pandey (Ed.), *Leadership in South Asia*; T. J. Nossiter, *Communism in Kerala*.

Gv212 Public Policy and Planning

Professor Self and Dr Dunleavy. Twenty lectures, Michaelmas and Lent Terms. For M.Sc. and interested graduate students.
Syllabus This course will analyse the process of public policy making and

implementation, within the wider context of the role and functions of government in modern society, and the more limited context of political and administrative processes. There will be attention to particular policy arenas such as energy, transportation, and housing, and to forms of governmental planning (economic, environmental, policy co-ordination); also to the roles of interested groups, professions, semi-public bodies, and private organisations in the formulation and implementation of public policies. The course will also cover normative theories of policy-making and planning, concepts of rational decision-making, and methods of public evaluation including the contributions of social sciences. Case studies will be used for illustration. **Recommended reading** will be announced weekly.

Gv213 Public Policy and Planning (Seminar)

Professor Self and Dr Dunleavy. Ten seminars, Michaelmas Term. For M.Sc. and other interested graduate students. This seminar will be held weekly in conjunction with course Gv212.
Syllabus Planning, incrementalism, rational decision-making. Critique of comprehensive planning. Forms and methods of government planning. Inter-organizational decision making systems. The political and administrative context of policy making. Ideology and public policy. The influence of social theories and beliefs on policy change. The general contribution of social science to policy making. **Recommended reading** to be announced weekly.

Gv214 Policy Analysis (Seminar)

Dr Dunleavy and Professor Self. Ten seminars, Lent Term. For M.Sc. and interested graduate students; undergraduates by permission.
Syllabus Methods of analysing policy problems and evaluating outcomes. The integration of policy analytic perspectives into policy making processes. The criteria for policy evaluation. Methods of delimiting policy issues and appropriate frameworks for analysis. Notions of 'rationality', efficiency and effectiveness in policy making.

Cost-utility analysis, C.B.A. and decision analysis. Environmental and social impact assessment. The role and problems of forecasting. Social indicators research. *Post hoc* evaluation of expenditure programmes using cost-utility and mixed techniques. Economic models of elections, the interest group process and the operations of bureaucracies. Inter-organizational policy making and inquiry procedures. Problems of applying policy analytic techniques in situations of imperfect information.

Introductory reading M. Carley, *Rational Techniques in Policy Analysis*; M. Rein, *Social Sciences and Public Policy*; C. Lindblom and D. K. Cohen, *Useable Knowledge*; H. R. van Gunsteren, *The Quest for Control*; E. Stokey and R. Zeckhauser, *A Primer in Policy Analysis*; W. N. Dunn, *Public Policy Analysis: An Introduction*; P. Baehr and B. Wittrock, *Policy Analysis and Policy Innovation*; R. Haveman and J. Margolis, *Public Expenditure and Policy Analysis*; P. Self, *Econocrats and the Policy Process*; D. Pearce *et al.*, *Decision Making for Energy Futures*; J. Adams, *Transportation Planning*; Sir G. Vickers, *Social Values and the Social Process*.

Gv215 Data Analysis for Political Science and Public Policy (Seminar)

Dr Dunleavy. Fifteen seminars, Lent and Summer Terms.

For Research students; optional M.Sc. **Syllabus** The application of methods for analysing quantitative data in political science and policy studies. Using mainly exploratory statistics and facilities available on the SPSS package, this course is intended for beginners wishing to develop their own empirical studies. Prior completion of the reading below or familiarity with basic statistics is important.

Introductory reading D. Rowntree, *Statistics Without Tears*. **BASIC TEXT:** B. Erickson and T. Nosanchuk, *Understanding Data*.

Gv216 Administrative Theories

Professor Self and Dr R. M. Thomas. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; M.Sc. and other graduate and

undergraduate students interested.

Syllabus An analysis of theories underlying public administration drawn from organisation theory, political science, business management, social psychology and sociology.

The theories concern administrative philosophy and ethics, leadership, modern management, the political environment of organisations, decision-making, systems theory, bureaucracy, human relations and theories of scientific management and the politics-administration relationship.

Recommended reading (A) Organizations: C. Argyris, *Personality and Organization*; H. Simon, *Administrative Behaviour*; J. MacGregor Burns, *Leadership*; J. March and H. Simon, *Organizations*; A. Hirschmann, *Exit, Voice and Loyalty*; A. Etzioni, *Modern Organizations*; J. Bourn, *Management in Central and Local Government*; T. Burns and J. M. Stalker, *The Management of Innovation*; P. Lawrence and J. Lorsch, *Organization and Environment*. **(B) Bureaucracies:** F. Heady, *Public Administration, a Comparative Perspective*; M. Albrow, *Bureaucracy*; H. Jacoby, *The Bureaucratization of the World*; F. Riggs, *The Ecology of Public Administration*; M. Crozier, *The Bureaucratic Phenomenon*. **(C) Politics/Administration:** P. Self, *Administrative Theories and Politics*; W. Guy Peters, *The Politics of Bureaucracy*; V. Ostrom, *The Intellectual Crisis in American Public Administration*; F. C. Castles *et al.*, *Decisions, Organizations, and Society*; C. Lindblom, *The Policy Making Process*; G. Allison, *The Essence of Decision*; M. Olson, *The Logic of Collective Action*. **(D) Philosophy/Ethics:** R. Thomas, *The British Philosophy of Administration*; C. Hodgkison, *Towards a Philosophy of Administration*; D. Waldo, *The Administrative State*; S. Bok, *Lying: Moral Choice in Public and Private Life*; F. Marini (Ed.), *Towards a New Public Administration*; Sir G. Vickers, *The Art of Judgment*.

Gv217 Urban and Regional Planning Politics and Administration (i) The Planning of Big Cities and City Regions

Professor Self. Five lectures, Michaelmas Term.

For M.Sc.

Syllabus Governmental organisation and planning systems in big cities and city

regions. A survey of the planning policies of city governments, metro governments, regional planning organisations, and national governments. Relation between national and local policies and politics. Policies over land and development, urban renewal, and new towns. Types of planning: regulatory and developmental, comprehensive, fragmentary, strategic. Ideals and reality in planning. The role and status of planning agencies. Illustrations will be drawn from urban planning throughout the world, especially in Europe and North America.

Recommended reading P. Self, *Planning the Urban Region*; M. Anderson, *The Federal Bulldozer*; 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*; J. A. G. Griffith, *Central Departments and Local Authorities*, Chapter 5; Peter Hall, *London 2,000* (2nd edn.); T. Hancock (Ed.), *Growth and Change in the Future City Region*; D. Heap, *An Outline of Planning Law* (5th edn.); Jane Jacobs, *The Life and Death of Great American Cities*; 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*; D. Popenoe, *The Suburban Environment: Sweden and the U.S.A.*; A. Rose, *Governing Metropolitan Toronto*; J. Rubenstein, *The French New Towns*; P. Self, *Cities in Flood: The Problems of Urban Growth* (2nd edn.); Metropolitan Planning, *The Planning System of Greater London*; D. Senior (Ed.), *The Regional City*; F. Shaffer, *The New Town Story*; Skeffington Committee, *People and Planning*; J. Michael Thomson, *Great Cities and their Traffic*.

(ii) Regional Policies

Dr Hebbert. Five lectures. Lent Term.

For M.Sc.

Syllabus Rational-comprehensive, incrementalist and other theories of the planning process, their application to spatial planning, and the limitations of procedural theory; institutional factors in the implementation of regional policies in planned economies and in developing countries.

Recommended reading R. Bilski *et al.*, *Can Planning Replace Politics?*, Chapter 1; A. Faludi, *A Reader in Planning Theory*; J. Friedmann and W. Alonso, *Regional Development and Planning*; A. Gilbert (Ed.), *Development Planning and Spatial Structure*; D. Gillingwater and D. Hart (Eds.), *The Regional Planning Process*; B. Gross, *Action Under Planning*; A. Kuklinski (Ed.), *Regional Development and Planning: International Perspectives*; H. Stretton, *Urban Planning in Rich and Poor Countries*.

References to the periodical literature will be provided during the course.

Gv218 Urban and Regional Planning: Politics and Administration (Seminar)

Professor G. W. Jones, Dr Dunleavy, Dr Hebbert and Dr R. M. Thomas. Michaelmas and Lent Terms.

For M.Sc. Other students may attend only by permission.

Gv219 Law and Administration (Seminar)

Professor Griffith, Dr R. M. Thomas and Mr Dawson. Summer Term.

For M.Sc. and other interested graduate students.

Syllabus This seminar will discuss the relationship between law and administration and the role of law in controlling the exercise of administrative discretion. The approach will be partly theoretical and partly applied. The main focus will be on the experience of Britain, France and North America.

Recommended reading K. C. Davis *et al.*, *Discretionary Justice in Europe and America*; K. C. Davis, *Discretionary Justice*; J. A. Farmer, *Tribunals and Government*; R. Gregory and P. G. Hutchesson, *The Parliamentary Ombudsman*; J. A. G. Griffith and T. C. Hartley, *Government and Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.); J. Jowell, *Law and Bureaucracy*; P. Nonet, *Administrative Justice*; B. Schwartz and H. W. R. Wade, *Administrative Law in Britain and the United States*; R. A. Wraith and P. G. Hutchesson, *Administrative Tribunals*.

Gv220 Public Enterprise
Professor Garner. Ten lectures,
Lent Term.

For M.Sc.

Syllabus The scope and functions of public enterprise in mixed economies. The difficulty of definition because of interpenetration (i.e. the penetration of public enterprise into government and private enterprise and vice versa). The principal forms of organisation—government departments, public corporations, joint stock companies—in Britain and overseas. The relationships of public enterprise with the legislature, government, the Courts, consumers and other special interests. Why the control and accountability of public enterprises causes problems; the various means attempted of solving these problems. Corporate planning. The emergence of international public enterprises. E.E.C. rules and practice on public enterprises. Comparisons with “enterprises” in planned economies. The strengths of public enterprise and its dangers, in developed and developing countries. **Recommended reading** Select Committee on Nationalised Industries, *Report on Ministerial Control*, H.C. 371, 1967–68; HMSO, *The Nationalised Industries* (Cmnd. 1337, 3437 and 7131); National Economic Development Office, *A Study of U.K. Nationalised Industries*, Report and Appendix Volume, HMSO, 1976; Sir Norman Chester, *The Nationalisation of British Industries 1945–51*; Groupe de Travail du Comité interministeriel des Entreprises publiques, *Rapport sur les Entreprises publiques* (The Nora Report, Documentation français, 1968); Conseil économique et social, *Avis et Rapport: Le Financement des Entreprises publiques* (The Vedel Report, Journaux officiels, 1976); Royal Commission on Financial Management and Accountability, (Canada), *Final Report* (Canadian Government, Publishing Centre, 1979); United Nations, *Organisation, Management and Supervision of Public Enterprises in Developing Countries* (U.N. 1974, ref. ST/TAO/M/65); M. Beesley and T. Evans, *Corporate Social Responsibility: A Re-assessment*; D. Coombes, *State Enterprise: Business or Politics*; P. Dreyfus, *Une Nationalisation Reussie*; C. D. Foster, *Politics, Finance and the Role of Economics*; W. Friedmann and J. F. Garner (Eds.), *Government Enterprise: A Comparative Study*; Y. Ghai

(Ed.), *Law in the Political Economy of Public Enterprise*; A. H. Hanson, *Public Enterprise and Economic Development*; H. Morrison, *Socialisation and Transport*; L. Musolf, *Mixed Enterprise: A Development Perspective*; L. Narain, *Principles and Practice of Public Enterprise Management*; R. Pryke, *The Nationalised Industries*; A. Tupper and G. B. Doern (Eds.), *Public Corporations and Public Policy in Canada*; A. H. Walsh, *The Public's Business*.

Gv221 Problems of Public Enterprise (Seminar)

Professor Garner. Ten meetings,
Lent Term.

For M.Sc. Undergraduates may attend by permission.

Gv222 Public Administration (Seminar)

(i) **Comparative Administration Structures and Systems**

Professor G. W. Jones.
Michaelmas Term.

(ii) **Processes in Administration**

Dr R. M. Thomas. Lent Term.
For M.Sc.

Gv223 Policy Implementation (Seminar)

Professor Self and Dr J. Bourn.
Eight seminars, Summer Term.

For M.Sc. and other interested undergraduate and graduate students.

Syllabus The influence of administrative structures, procedures and conventions on the conception and implementation of public policy. The opportunities and limitations presented by administrative theories and techniques (for analysing options, reaching decisions, designing and adapting organisations, personnel management and for audit, review and control). The development and operations of public service unions. Public and pressure group perception of and reactions to the work of public agencies. Public relations and the media. Intended and accidental outcomes. Implications of membership of international organisations.

Gv224 The British Civil Service (Seminar)

Professor Self, Professor G. W. Jones, Mr Dawson and Dr R. M. Thomas. Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and graduate students.

The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

Gv225 French Government (Seminar)

Dr Machin. Twenty-two seminars, Sessional.

For M.Sc. and other interested graduate students.

Syllabus and **reading list** will be given at the start of the seminar.

Gv226 West European Studies (Interdepartmental Seminar)

Dr G. R. Smith, Mr Taylor, Dr Machin, Mr Madeley and Dr Sked. 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.

Gv227 Soviet and Eastern European Problems (Seminar)

Professor Schapiro, Mr Reddaway and Mr Schöpflin 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.

Gv228 Russian Politics and Political Thought (Seminar)

Mr Reddaway and Dr Lieven.
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.

Gv229 Politics and Government in the Middle East

Professor Kedourie. Ten lectures, Lent Term.

This course will not be given in 1982–83.

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, “*Nizamī-Cedid—Military Reform in Egypt under Mehmed Ali*” (*Asian and African Studies*, Vol. 8, No. 2, 1972); H. W. G. Glidden, “*Arab Unity: Ideal and Reality*” in J. Kritzeck 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; Roots of Revolution*; E. Kedourie, *England and the Middle East; The Chatham House Version; Afghani and Abduh; Arabic Political Memoirs; In the Anglo-Arab Labyrinth; Islam in the Modern World*; A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman*

Empire in the time of Suleiman the Magnificent; R. Montagne, "The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*, E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam* (1st edn.); S. Shaw, "The Origins of Ottoman Military Reform" (*Journal of Modern History*, Vol. 37, 1965); S. Shaw and E. K. Shaw, *The Ottoman Empire and Turkey, Vol. II, 1808-1975*; P. J. Vatikiotis, *The Modern History of Egypt*; G. E. Von Grunebaum, *Islam* (2nd edn., 1961); *Modern Islam*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. 1, chap. 2); V. R. Swenson, "The Military Rising in Istanbul, 1909" (*Journal of Contemporary History*, Vol. 5, No. 4, October 1970).

Gv230 Government and Administration in New and Emergent States

Mr Dawson. Ten lectures, Lent Term.

For M.Sc.; M.A. Area Studies. Optional for B.Sc. (Econ.) Part II; 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*; M. Lipton, *Why*

Poor People Stay Poor; R. S. Milne and K. J. Ratnam, *New States in a New Nation* (Especially Chapters 6, 7 and 8); D. J. Murray (Ed.), *Studies in Nigerian Administration*; F. W. Riggs, *Frontiers of Development Administration*; I. Swerdlow, *The Public Administration of Economic Development*; H. Wriggins, *The Rulers Imperative*.

Gv231 Government and Administration in New and Emergent States (Seminar)

Mr Dawson. Summer Term.
For M.Sc.

Gv232 Government Regulation of the American Economy (Seminar)

Professor Letwin. Lent and Summer Terms.
For graduate students.

Gv233 Comparative Constitutions (Seminar)

Mr Wolf-Phillips. Five seminars, Lent Term.
For graduate students in the Government department and others by invitation.

Gv234 European Multi-Party Systems (Seminar)

Dr G. R. Smith. Sessional.
For M.Sc.

Gv235 The Politics and Government of Germany (Seminar)

Dr G. R. Smith. Sessional.
For M.Sc. and others interested.
Note: For lectures on German Politics see course No. Gv167.

Gv236 German National Socialism (Seminar)

Dr G. R. Smith. Sessional.
For M.Sc. only.

Gv237 The Politics and Government of Western Europe (Seminar)

Dr G. R. Smith, Dr Machin and Mr Madeley. Sessional.

For M.Sc. and other interested graduate students by permission.

Note: For Politics and Government of Scandinavia see course No. Gv168.

Gv238 Latin American Studies: the Military in Latin American Politics (Seminar)

Dr Philip. Ten seminars, Lent Term.

For M.A. Area Studies; M.Sc. and interested graduate students.

Gv239 Political Sociology in Latin America (Seminar)

Dr Philip and Dr Roxborough. Twenty seminars, Michaelmas and Lent Terms.

For M.A. Area Studies; M.Sc. and interested graduate students.

Note: For lectures on Latin American Politics see course No. Gv170.

Gv240 Public Policy in Latin America (Seminar)

Dr Philip. Ten seminars, Lent Term.

Optional for M.Sc.

Gv241 The Politics and Government of Italy

Dr Hine. Eight lectures, Lent Term.

For M.Sc. and interested graduate and undergraduate students.

Syllabus and recommended reading will be given at the beginning of the course.

Gv242 African Politics and Government (Seminar)

Mr Panter-Brick. Sessional.
For M.Sc.

Industrial Relations

Id100 Industrial Relations: A Comparative Analysis

Professor Roberts and Mr Marsden. Ten lectures, Michaelmas Term.

For M.Sc.; The Trade Union Studies course; 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*; L. Schapiro and J. Godson, *The Soviet Worker*; 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*; P. B. Doeringer (Ed.), *Industrial Relations in International Perspective*; M. Bouvard, *Labor Movements in the Common Market Countries*; 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*; G. Bloom and H. R. Northrup, *Economics of Labor Relations*; J. P. Windmuller, *Labor Relations in the Netherlands*; H. H. Wellington, *Labor and the Legal Process*; Hans Gunter, *Transnational Industrial Relations*; I.L.O., *Collective Bargaining in Industrialised Market Economies*; E. Jacobs, *European Trade Unionism*; W. Kendall, *The Labour Movement in Europe*; S. Barkin, *Worker Militancy and Its*

Consequences 1965-1975; B. Aaron and K. W. Wedderburn, *Industrial Conflict - A Comparative Legal Survey*; B. C. Roberts and Bruno Liebhaber, 'The European Trade Union Confederation: Influence of Regionalism, Detente and Multinationals', in *British Journal of Industrial Relations* (Vol. XIV, No. 3, November 1976); T. Hanami, *Labour Relations in Japan Today*; J. T. Dunlop and W. Galenson, *Labor in the Twentieth Century*; David Marsden, *Industrial Democracy and Industrial Control in West Germany, France and Great Britain*; O.E.C.D., *Collective Bargaining and Government Policies in 10 O.E.C.D. Countries*; B. C. Roberts (Ed.), *Towards Industrial Democracy*.

Id100(a) Classes

Ten classes, Michaelmas Term.
For M.Sc.

Id101 Industrial Relations: A Theoretical Analysis

Mr Meredeen, Dr Wood and Mr Marsden. Ten lectures, Lent 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*; R. Currie, *Industrial Politics*; B. J. McCormick and E. Owen Smith (Eds.), *The Labour Market*; G. Ingham, *Strikes and Industrial Conflict*; M. Warner (Ed.), *The Sociology of the Workplace*; J. Child (Ed.), *Man and Organisation*; G. Bain *et al.*, *Social Stratification and Trade Unionism*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*; R. Hyman, *Social Values and Industrial Relations*; G. D. H. Cole, *Self-Government in Industry*; N. Chamberlain, *A General Theory of Economic Processes*. See also *British Journal of Industrial Relations*; *Industrial and Labour Relations Review*; *The Journal of Industrial Relations*.

Id101(a) Classes

Lent and Summer Terms.

Id102 Industrial Relations and Personnel Management: Institutions and Processes

Professor Roberts, Dr Kelly, Mr Meredeen, Mr Marsden and Dr Bradley. Ten lectures, Michaelmas Term.

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 Changing System of Industrial Relations in Great Britain*; A. Flanders, *The Fawley Productivity Agreements*; K. W. Wedderburn, *The Worker and the Law*; J. G. Riddall, *The Law of Industrial Relations*; A. Thomson and V. Murray, *Grievance Procedures*; R. Charles, *Development of Industrial Relations in Britain 1911-1939*; J. Elliott, *Conflict or Cooperation*; E. Batstone *et al.*, *Shop Stewards in Action*; R. Taylor, *The Fifth Estate*; P. Fosh, *The Active Trade Unionist*; L. Panitch, *Social Democracy and Industrial Militancy*; N. H. Cuthbert and K. H. Hawkins, *Company Industrial Relations Policies*; M. Poole, *Workers Participation in Industry*; O. Kahn-Freund, *Labour and the Law*; W. Brown *et al.*, *Changing Contours of British Industrial Relations*; E. W. Evans and S. W. Creigh, *Industrial Conflict in Modern Britain*; R. Undy *et al.*, *Change in Trade Unions*; J. Hemingway, *Conflict and Democracy*; A. Flanders, *Management and Unions*; C. Crouch, *Class Conflict and the Industrial Relations Crisis*; 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*; 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*; 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*; K. Coates and T. Topham (Eds.), *Workers' Control*; F. Blackaby (Ed.), *An Incomes Policy for Britain*; 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*; 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*; *Industrial Relations Journal*; *Personnel Management Quarterly*; *The Journal of Management Studies*.

Id102(a) Classes
Michaelmas Term.

Id102(b) Seminars and Module Workshops
Lent and Summer Terms.

Id103 Current Labour and Management Problems (Seminar)
Professor Roberts, Mr Marsden 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 Merdeen, Mr Marsden and Dr Bradley. Twenty lectures, Michaelmas and Lent Terms.
For Trade Union Studies course; Dip. Personnel Management; Dip. Systems Analysis and Design; Dip. Acct.; Dip. Bus. Studies; B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus Analysis of the structure of the British system of industrial relations. The growth, organization and ideology of the trade unions. Factors determining the pattern of industrial relations at the level of the enterprise. The dynamics of collective bargaining. The role of management and employers' associations. Relations at the national level between trade unions, employers and the Government. Functions of the Department of Employment and

statutory bodies. Theories of industrial relations.
Recommended reading E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The Changing 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' Association 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*; K. Coates and T. Topham, *Trade Unions in Britain*; Report of the Committee on Industrial Bureaucracy (Bullock Report, Cmnd. 6706); B. C. Roberts (Ed.), *Towards Industrial Democracy*; W. E. J. McCarthy (Ed.), *Trade Unions*; D. Pym (Ed.), *Industrial Society*; K. W. Wedderburn, *The Worker and the Law*; R. O. Clarke *et al.*, *Workers' Participation in Management in Britain*; B. C. Roberts *et al.*, *Reluctant Militants*; K. Hawkins, *Conflict and Change*; Hans Gunter, *Transnational Industrial Relations*; O. Kahn-Freund, *Labour and the Law*; J. Goodman and T. Whittingham, *Shop Stewards*; R. Hyman, *Strikes*; G. Bain, *The Growth of the White Collar Unions*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*; H. Friedman and S. Merdeen, *The Dynamics of Industrial Conflict: Lessons from Ford*.

Id104(a) Industrial Relations (Class)
Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Acct.; Dip. Bus. Studies.

Id105 Selected Topics in Industrial Relations
Mr Marsden. Twelve fortnightly classes, Sessional.
For B.Sc. (Econ.) Part II.
Syllabus Topics will be selected from a range of Industrial Relations problems and issues.

Id106 Industrial Sociology
Professor Thurley, Dr S. R. Hill and Dr Bradley. 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. Wirdeus, *Supervision: A Reappraisal*; R. Hall, *Occupations and the Social Structure*; B. Moore, *Social Origins of Dictatorship and Democracy*; A. Giddens, *The Class Structure of the Advanced Societies*; R. Neale, *Class and Ideology in the Nineteenth Century*; G. Bain, D. Coates and V. Ellis, *Social Stratification and Trade Unionism*; M. Crozier, *The World of the Office Worker*; A. Sturmfal (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*; A. Gorz, *The Division of Labour*; T. Caplow, *The Sociology of Work*; L. Hunter and G. Reid, *Urban Worker Mobility*; P. Hollowell, *The Lorry Driver*; M. Butler, *Occupational Choice*; M. Albrow, *Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*; P. Blau and W. Scott, *Formal Organisations*; C. Sofer, *Organisations in Theory and Practice*; S. R. Hill, *Competition and Control in Industry*; 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, *Labour and Monopoly Capital*; M. Bulmer (Ed.), *Working Class Images of Society*; F. Parkin, *The Social Analysis of Class Structure*; R. Herding, *Job Control and Union Structure*; A. Fox, *Beyond Contract*; S. Wood (Ed.), *The Degradation of Work?*; S. R. Hill, *The Dockers*; J. Habermas, *Legitimation Crisis*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*.

Id106(a) Industrial Sociology
Weekly seminar groups in connection with Course Id106.

Id107 Industrial Organisation: Theory and Behaviour (I)
Dr Wood and Dr Kelly.
Twenty-five lectures (and cases), Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; Dip. Systems Analysis; Dip. Personnel Management; Dip. Man. Sci.; M.Sc.
Syllabus Work motivation; individual job competence and group performance; management control systems; organisational effectiveness and decision-

making; management authority; management/worker conflict; intra-organisational conflict; resistance to change; organisations and environment; changing organisations. Major approaches to change: scientific management; human relations; self-actualisation; systems design; socio-technical organisation re-design; contingency theory; industrial relations; industrial democracy; training and organisational development. Strategies of, and routes to, change. Current organisational problems, e.g. computer applications.

Recommended reading P. B. Warr (Ed.), *Psychology at Work*; P. B. Smith, *Groups Within Organisations*; V. H. Vroom, *Work and Motivation*; 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, *The Management of Innovation*; C. Sofer, *Organisations in Theory and Practice*; L. Sayles, *Management Behaviour*; S. Clegg and D. Dunkerley, *Organisation, Class and Control*; 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*; G. Salaman, *Work Organizations*; M. Rose, *Industrial Behaviour*; D. Silverman, *The Theory of Organizations*; M. Crozier, *The Bureaucratic Phenomenon*; M. Albrow, *Bureaucracy*; A. Hopwood, *Accounting and Human Behaviour*; G. K. Zollschan and W. Hirsch (Eds.), *Explorations in Social Change*; T. Watson, *Sociology, Work and Industry*.

Id107(a) Industrial Organisation: Theory and Behaviour (Class)
Dr Wood, in connection with Course Id107.

For Dip. Systems Analysis; M.Sc.

Id107(b) Industrial Organisation: Theory and Behaviour I (Class)
Dr Kelly and Mr Peccei.
For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Man. Sci.

Id108 Industrial Organisation: Theory and Behaviour (II)
Professor Thurley and Dr Guest. Sessional.

For M.Sc.

Syllabus as for Course Id107 Course is taken in conjunction with parts of Course Id106 and Id114.

Recommended reading as for Course Id107.

Further specialised reading will be recommended for this Course.

Id108(a) Industrial Organisation: Theory and Behaviour (II) (Seminar)

Professor Thurley and Dr Guest. Twenty-five seminars, Sessional.

Id109 Macro-Economic Background to Industrial Relations

Dr Richardson. Michaelmas Term.

For M.Sc.; Dip. Personnel Management and the Trade Union Studies course.

Syllabus An introduction to macro economic theory and policy, with particular reference to recent UK experience; there will be a special emphasis in the labour market aspects of macro economic behaviour.

Recommended reading W. Keegan and R. Pennant Rea, *Who Runs the Economy*; M. Stewart, *Politics and Economic Policy in the UK Since 1964*.

Id110 Sociology of Industrial Relations (Seminar)

Dr Wood. Sessional.

For Trade Union Studies course.

Id111 Labour Market Analysis

Dr Richardson and Mr Marsden. Twenty lectures, Michaelmas and Lent Terms.

For suitably qualified M.Sc. students.

Syllabus Trade union growth theory; nature and source of trade union power; union wages policy; collective bargaining models; union/non-union wages; impact of union on wage levels; labour and inflation; economics of strikes; unemployment.

Recommended reading J. McCormick and E. Owen-Smith, *The Labour Market*; M. Olson, *The Logic of Collective Action*; G. Bain and P. Elsheikh, *Union Growth and the Business Cycle*; A. Rees, *The Economics of Trade Unions*; W. E. J. McCarthy (Ed.), *Trade Unions*; M. Fisher, *Measurement of Labour Disputes and their Economic Effects* (O.E.C.D.), 1973; C. Mulvey, *The Economic Analysis of Trade Unions*; C. Saunders and D. Marsden, *Pay Inequalities in the European Community*, 1981; E. H. Phelps Brown, *The Inequality of Pay*; R. Jackman, J. A. Trevithick and C. Mulvey, *The Economics of Inflation*; J. E. Meade, *Wage Fixing*; F. Blackaby (Ed.), *The Future of Pay Bargaining*, 1981.

Id111(a) Labour Market Analysis (Class)

Dr Richardson and Mr Marsden.

Id112 Manpower Policy

Dr Richardson and Mr Marsden. Michaelmas and Lent Terms.

For suitably qualified M.Sc. students and Dip. Personnel Management.

Syllabus Private and public manpower politics; turnover, absenteeism, wage payment systems, training programmes, discrimination, hiring practices, adjustments to labour shortages and surpluses; information in labour markets, government manpower programmes, manpower planning.

Recommended reading R. Jones, *Absenteeism*; G. Becker, *Human Capital*; P. Doeringer and M. Piore, *Internal Labor Markets and Manpower Analysis*; J. Wabe, *Problems of Manpower Forecasting*; A. Ziderman, *Manpower Training*; B. Thomas and D. Deaton, *Labour Shortage and Economic Analysis*; M. Reich, D. Gordon and R. Edwards, *Labor Market Segmentation*; G. Cain, 'The challenge of segmented labor market theories to orthodox theory: a survey' (*Journal of Economic Literature*, December 1976).

Id112(a) Manpower Policy (Class)

Dr Richards and Mr Marsden. Michaelmas and Lent Terms.

Id113 Introductory Practical Statistics

Mr Marsden. Michaelmas and Lent Terms.

For the Trade Union Studies course and Dip. Personnel Management.

Recommended reading H. Blalock, *Social Statistics*.

Id114 Industrial Psychology

Dr Guest and Dr Kelly. Twenty-four lectures, Sessional.

For graduate students appropriately qualified.

Syllabus Motivation at work. Job satisfaction, pay, incentives and rewards. The nature and influence of work values. Individual differences in sex, age and ability and their impact on behaviour at work. Stress at work. Boredom and the problems of repetitive work. The psychology of unemployment. Psychological perspectives on industrial relations: — collective bargaining, industrial conflict and the role of shop stewards. Job design. Leadership. Work groups. Social psychology and organizational change. Values in the application of industrial psychology.

Recommended reading P. B. Warr (Ed.), *Psychology at Work*; V. H. Vroom, *Work and Motivation*; R. M. Steers and L. W. Porter, *Motivation and Work Behaviour*; C. L. Cooper and R. Payne (Eds.), *Stress at Work*; 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*; J. P. Campbell, M. D. Dunnette, E. E. Lawler and K. E. Weick, *Managerial Behaviour, Performance and Effectiveness*; G. Stephenson and C. Brotherton (Eds.), *Industrial Relations: A Social Psychological Approach*; J. Morley and G. Stephenson, *The Social Psychology of Bargaining*.

Id114(a) Industrial Psychology (Class)

In connection with Course Id114.

Id115 Labour Law (Seminar)

Mr Simpson. Sessional.

For M.Sc.

Syllabus (a) *General themes*: the role of the law in industrial relations. The impact of legal rules, sanctions and institutions on collective bargaining and industrial conflict. Current legal policy issues in industrial relations, the Industrial Relations Act, 1971, the Trade Union and Labour Relations Act, 1974, the Employment Protection Act, 1975, the Employment Protection (Consolidation) Act, 1978. (b) *The law of collective bargaining*: the legal enforceability of collective agreements. Relationship of collective negotiations to the contract of employment. Drafting of collective agreements. The legal regulation of trade union recognition, membership and the closed shop. Disclosure of information. Industrial democracy and the law including company law aspects. (c) *The law of industrial conflict*: legal liabilities for direct industrial action. The legal responsibility of unions for shop stewards. The industrial relations implications of legal sanctions. Statutory prices and incomes policies. Disputes procedures including special procedures for dismissals, discipline, redundancy and racial discrimination. The law and procedural negotiations. Conciliation, arbitration and inquiry. Voluntary and statutory machinery. (d) *Trade union law*: the legal framework for trade union government, democracy and inter-union relations. Legislative policies and trade union administration.

Recommended reading K. W.

Wedderburn, *The Worker and the Law* (2nd edn.); *Cases and Materials on Labour Law*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain*; J. G. Riddall, *The Law of Industrial Relations*; B. Aaron (Ed.), *Dispute Settlement Procedures in Five Western European Countries*; Conservative Party, *Fair Deal at Work*; C. Grunfeld, *Modern Trade Union Law*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; B. Hepple, *Race, Jobs and the Law in Britain*; *In Place of Strife* (Cmnd. 3888, 1969); C. Jenkins and J. Mortimer, *The Kind of Laws the Unions Ought to Want*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; O. Kahn-Freund, *Labour Law: Old Traditions and New*

Developments; Labour and the Law; Labour Relations: Heritage and Adjustment; W. E. J. McCarthy, *The Closed Shop in Britain*; *Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968* (Cmnd. 3623); Royal Commission Research Papers No. 2, Part 1, *Disputes Procedures in British Industry*; Part 2, *Disputes Procedures in Britain*; No. 8, *Three Studies in Collective Bargaining*; B. L. Adell, *Legal Status of Collective Agreements in England, U.S.A. and Canada*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; R. Rideout, *Principles of Labour Law*; B. Aaron (Ed.), *Labour Courts and Grievance Settlement in Western Europe*; R. Simpson and J. Wood, *Industrial Relations and the 1971 Act*; B. Weekes *et al*, *Industrial Relations and the Limits of the Law*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*; P. Davies and M. Freedland, *Labour Law: Text and Materials*; B. A. Hepple *et al* (Eds.), *Labour Relations Statutes and Materials*.

Id117(a) Trade Union Problems (Class)

Dr Kelly and Dr Wood. Sessional.

Id117(b) Trade Union Problems (Seminar)

Dr Kelly. Sessional. Admission is strictly limited to the Trade Union Studies course. A seminar with outside speakers.

Id118 Labour History (Seminar)

Professor Roberts. Michaelmas and Lent Terms.

For M.Sc.

Id119 Industrial Relations Research Problems (Seminar)

Dr Richardson and Professor Thurley. Sessional.

For research students in Industrial Relations.

Id120 Research Methods in Industrial Relations (Seminar)

Dr Kelly. Five seminars, Lent Term.

For the Trade Union Studies course.

Classes Restricted to Trade Union Studies Course

Id150 Industrial Relations (Class)

Dr Kelly. Michaelmas and Lent Terms.

Id151 Macro-Economic Background to Industrial Relations (Class)

Dr Kelly. Sessional.

Students are also referred to the following courses:

Ec136 Labour Economics

EH130 British Labour History, 1815-1939

LL162 Elements of Labour Law

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.

Personnel Management

Diploma Courses

Id200 Principles and Practice of Personnel Management

Professor Thurley, Dr Guest and others. Twenty lectures, Michaelmas and Lent Terms. 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.

Id200(a) Classes

Sessional. In conjunction with Course Id200.

Id201 Personnel Management: Case Studies

Professor Thurley and Dr Guest. Ten sessions, Lent Term. For Diploma in Personnel Management.

Id202 Training and Development

Dr Guest and Professor Thurley. Twenty lectures, Michaelmas and Lent Terms.

For Diploma in Personnel Management.
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 and 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*.

Id202(a) Classes

Ten classes, Lent Term. In connection with Course Id202.

Id203 Methods of Social Research in Industry

Dr Guest. Ten lectures and ten classes, Lent Term.

For students who will be undertaking project work as Part of the Diploma in Personnel Management.

Id204 Personnel Information

Dr Richardson. Ten lectures, Michaelmas Term. For Diploma in Personnel Management.

Id205 Industrial Relations (Seminar)

Professor Thurley and others. Ten lectures, Lent Term. For Diploma in Personnel Management.

The Following Courses are Exclusively for the Diploma in Personnel Management

Id210 Industrial Organization: Theory and Behaviour I (Classes)

Dr Wood and Dr Kelly. Twenty classes, Michaelmas and Lent Terms.

For Diploma in Personnel Management.

Id211 Industrial Relations (Class)

Dr Wood, Michaelmas and Lent Terms.

In connection with Course Id104.

For Diploma in Personnel Management.

Id212 Labour Law (Class)

Michaelmas and Lent Terms.

In connection with Course LL162.

For Diploma in Personnel Management.

Note The numbers of the additional courses taken by Diploma in Personnel Management students are listed on page 239.

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

Hy100 The History of European Ideas since 1700

Professor Anderson and Dr Boyce. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. Hist.

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*; Leonard Krieger, *Kings and Philosophers*; Maurice Mandelbaum, *History, Man and Reason*; H. Stuart Hughes, *Consciousness and Society: The Reorientation of European Social Thought, 1890-1930*; Michael Biddiss, *The Age of the Masses*.

Further reading will be given during the course.

Hy100(a) Classes

Sessional. In connection with Course Hy100.

Hy101 Political History 1789-1941

Dr Sked and Mr Robertson.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 2nd yr.; B.A. Hist.

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.

Hy101(a) Classes

Sessional. In connection with Course Hy101.

Hy101(b) European History, 1789-1945 (Class)

Dr Sked. Twenty-four classes, Sessional.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

Syllabus A general political survey of European history from the French Revolution to the Second World War, with special emphasis on wars, revolutions and Europe's relations with the outside world.

Recommended reading G. Rudé, *Revolutionary Europe*; F. L. Ford, *Europe 1780-1830*; M. S. Anderson, *The Ascendancy of Europe*; J. B. Joll, *Europe since 1870*; R. A. C. Parker, *Europe 1919-1945*.

Further reading will be given during the course.

Hy102 World History since 1890

Mr Grün. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 2nd yr.

Syllabus A general political survey of the twentieth century in a world-wide context with special emphasis on the changing role of Europe in an age of wars and revolutions.

Recommended reading D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century*; A. B. Ulam, *Expansion and Coexistence*; W. Knapp, *A History of War and Peace*

1939-1965; Geoffrey Barraclough, *An Introduction to Contemporary History*; Jean Chesneau et al, *China: From the 1911 Revolution to the Liberation*; Paul Dukes, *October and the World*; Jan Romein, *The Asian Century*; Richard Storry, *Japan and the Decline of the West in Asia*; Hugh Tinker, *Race, Conflict and the International Orders*; Peter Calvocoressi, *World Politics since 1945* (3rd edn.).

Further reading will be given during the course.

Hy102(a) Classes

Sessional. In connection with Course Hy102.

Hy110 Introduction to British History

Dr Starkey, Mr Gillingham and others. Lecture-classes in the first two weeks of Michaelmas Term.

For B.A. Hist. 1st yr.

Recommended reading will be given during the course.

Hy111 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.

Hy111(a) British History to the End of the Fourteenth Century (Classes)

Mr Gillingham. Sessional.

For B.A. Hist.

Hy112 British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century

Dr Starkey. Thirty 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.

Hy112(a) British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century (Classes)

Sessional.

For B.A. Hist.

Hy112(b) English History, 1399-1603 (Class)

Dr Starkey. Twenty-five classes, Sessional. In connection with Course Hy112.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog.; Anth. and Med. Hist.

Hy112(c) British History, 1603-1760 (Class)

Dr Starkey and Mrs Bennett. Twenty-five classes, Sessional.

In connection with Course Hy112.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

Hy113 British History from the Middle of the Eighteenth Century

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.

Hy113(a) British History from the Middle of the Eighteenth Century (Class)

Sessional.

For B.A. Hist.

Hy113(b) British History, 1760-1914 (Classes)

Sessional.

For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.

Hy115 European History, 400-1200 (Classes)

Mr Gillingham.

Sessional.

For B.A. Hist. B.A. cu. main field Soc. Anth. and Med. Hist.

Hy116 European History, 1200-1500 (Classes)

Mr Gillingham.

This course may not be given in 1982-83.

For B.A. Hist.; B.A. c.u. main field Soc. Anth. and Med. Hist.

Hy118(a) European History, 1500-1800 (Classes)

Dr McKay. Sessional.

For B.A. Hist.

Hy118(b) European History, c. 1600-1789 (Classes)

Dr McKay. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II.

Syllabus A study of European politics in the age of absolutism. Special attention will be paid to wars, revolutions, economic, social and intellectual developments, and relations between the States.

Recommended reading will be given during the course.

Hy119 European History from 1800 (Classes)

Dr Bullen and Professor Anderson. Sessional.

For B.A. Hist.

Hy121 World History (Classes)

Dr Polonsky. Sessional.

For B.A. Hist.

Hy125 International History, 1494-1815

Professor Anderson 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 G. Mattingly, *Renaissance Diplomacy*; M. F. Alvarez, *Charles V*; J. H. Elliott, *Europe Divided 1559-1598*; G. Parker, *Spain and the*

Netherlands; S. H. Steinberg, *The Thirty Years War*; R. Hatton (Ed.), *Louis XIV and Europe*; D. B. Horn, *Great Britain and Europe in the Eighteenth Century*; M. S. Anderson, *The Eastern Question*, Chaps. 1-2; *The Cambridge History of British Foreign Policy*, Vol. I; Sir C. K. Webster, *The Congress of Vienna*; *New Cambridge Modern History*, relevant chaps. of Vols. I-IX.

Further reading on particular aspects or periods will be given during the course.

Hy125(a) Classes

Sessional. In connection with Course Hy125.

Hy126 International History, 1815-1914

Dr Bullen and Dr Sked.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.

Syllabus The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them.

Recommended reading F. R. Bridge and Roger Bullen, *The Great Powers and the European States System 1814-1914*; 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*; A. Sked (Ed.), *Europe's Balance of Power 1815-48*; 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*.

Hy126(a) Classes

Sessional. In connection with Course Hy126.

Hy127 Imperial Germany in International Affairs, 1867-1890

Professor Mommsen. Ten

lectures, Lent Term.

For B.Sc. (Econ.) Part II. **Recommended reading** will be given during the course.

Hy128 International History since 1914: (i) to 1945

Mr Grün and Professor Watt.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Syllabus The political and diplomatic history of the period, with due attention to both European and non-European developments.

Recommended reading G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920-1939* (4th edn.); F. P. Walters, *A History of the League of Nations*; A. Wolfers, *Britain and France between Two Wars*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. G52); G. M. Carter, *The British Commonwealth and International Security*; H. I. Nelson, *Land and Power*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis; Europe of the Dictators, 1919-1945*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929-1941*; J. T. Pratt, *War and Politics in China*; H. Feis, *The Road to Pearl Harbor*; Churchill, *Roosevelt, Stalin: Between War and Peace. The Potsdam Conference*; Llewelyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany, 1914-1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier, *American Foreign Policy since World War II*; H. Seton-Watson, *Neither War Nor Peace*. Further reading will be given during the course.

Hy128(a) Classes

Sessional. In connection with Course Hy128.

Hy129 International History since 1914: (ii) since 1945

Professor Nish and Professor Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. Hist.; M.Sc.

Recommended reading R. Albertini, *Decolonisation 1919-1960*; Elizabeth Barker, *Britain in a Divided Europe*; C. J. Bartlett, *Rise and Fall of the Pax Americana*; Coral Bell, *The Diplomacy of Detente: The Kissinger Years*; P. Calvo-coressi, *World Politics since 1945* (3rd edn., 1975); Guy de Carmoy, *The Foreign Policies of France 1941-1958*; J. D. Fage, *A History of Africa*; John L. Gaddis, *The United States and the Origins of the Cold War, 1941-1947* (Columbia Univ. Press); H. Grimal, *Decolonisation* (1978); H. Hanak, *Soviet Foreign Policy since the death of Stalin*; W. Lafeber, *America, Russia and the Cold War, 1945-80* (1981); G. Lenczowski, *The Middle East in World Affairs* (4th edn., 1980); A. W. De Porte, *Europe between the Super Powers*; G. Connell Smith, *The United States and Latin America*; D. W. Urwin, *Western Europe since 1945*; R. Vaughan, *Post-War Integration in Europe* (1976); B. N. Pandey, *South and South East Asia 1945-1979*; Nagai and Iriye (Eds.), *The Origins of the Cold War in Asia*; Tang Tsou, *China's Policies in Asia and America's Alternatives*, 2 Vols.; F. S. Dunn, *Peacemaking and the Settlement with Japan*.

For Reference J. A. S. Grenville, *The Major International Treaties 1914-1978*; the annual and biennial *Survey of International Affairs 1954-1968*; the annual *US in World Affairs*; Alan Palmer, *A Dictionary of 20th Century History*; A. Bullock and R. Stalleybrass, *The Fontana Dictionary of Modern Thought*.

Hy129(a) Classes

Michaelmas Term. In connection with course Hy129.

Hy130 Diplomatic History, 1814-1957 (Intercollegiate Classes)

Mr Grün and Dr Bullen.

Sessional.

For B.A. Hist. 2nd yr.

Hy133 The History of Russia, 1682-1917 (Class)

Professor Anderson, Dr Lieven, Mr Falkus and Dr Polonsky. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II.

Syllabus A study of the development of the Russian Empire from the accession of Peter I to the Bolshevik Revolution. The emphasis will be on the major lines of growth and change, and on their explanation and evaluation, rather than on the detail of events. Considerable attention will be given to the ways in which the government, economy and society changed during this period, and to the interrelations between them, as well as to the territorial growth of the Empire and its foreign relations.

Recommended reading M. T. Florinsky, *Russia: A History and an Interpretation*; N. V. Riasanovsky, *A History of Russia*; J. H. Billington, *The Icon and the Axe: An Interpretative History of Russian Culture*; J. Blum, *Lord and Peasant in Russia, from the Ninth to the Nineteenth Century*; P. I. Lyashchenko, *History of the National Economy of Russia to the 1917 Revolution*; M. E. Falkus, *The Industrialisation of Russia, 1700-1914*; M. S. Anderson, *Peter the Great*; M. Raeff, *Origins of the Russian Intelligentsia: The Eighteenth Century Nobility*; R. Hare, *Pioneers of Russian Social Thought*; N. V. Riasanovsky, *Nicholas I and Official Nationality in Russia, 1825-1855*; W. E. Mosse, *Alexander II and the Modernization of Russia*; R. Charques, *The Twilight of Imperial Russia*; A. B. Ulam, *The Bolsheviks: The Intellectual, Personal, and Political History of the Triumph of Communism in Russia*; Barbara Jelavich, *St. Petersburg and Moscow: Tsarist and Soviet Foreign Policy, 1814-1974*.

Further reading will be recommended during the course.

Hy134 War and Society, 1600-1815

Dr McKay. Twenty-five lectures, Sessional.

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 G. Parker, *Spain and the Netherlands*; W. H. McNeill, *Europe's Steppe Frontier, 1500-1800* (Chicago, 1964); J. F. C. Fuller, *The Conduct of War, 1789-1961* (Methuen, any edition); M. Howard, *War in European History* (Opus).

Hy135 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*.

Hy135(a) Classes

Lent Term. In connection with Course Hy135.

Hy136 The Mediterranean in International Politics, 1815-1914

Ten lectures, Michaelmas Term. This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus A study of political, strategic and economic developments in the Mediterranean region as a factor in international relations, 1815-1914. **Recommended reading** J. E. Swain, *Struggle for the Control of the Mediterranean Prior to 1848*; R. Robinson and J. Gallagher, "The Imperialism of Free Trade" (*The Economic History Review*, 2nd series, VI, 1953); F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; J. Marlowe, *Anglo-Egyptian Relations, 1800-1953*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; R. Robinson and J. Gallagher, *Africa and the Victorians* (chaps. 4 and 5 for the Egyptian Question, 1882); M. M. Safwat, *Tunis and the Great Powers, 1878-1881*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*The American Historical Review*, XXXI, 1925-26); L. Salvatorelli, *La Triplice Alleanza*; G. Salvemini, *La Politica estera dell'Italia, 1871-1914*; W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926-27); C. J. Lowe, *Salisbury and the Mediterranean, 1886-1896*; J. A. S. Grenville, "Goluchowski, Salisbury and the Mediterranean Agreements" (*Slavonic Review*, 1958); J. D. Hargreaves, "Entente Manquée" (*Cambridge Historical Journal*, 1953); E. Walters, "Lord Salisbury's Refusal to Revise and Renew the Mediterranean Agreements" (*Slavonic Review*, 1950, 1951); E. F. Cruickshank, *Morocco at the Parting of the Ways*; E. N. Anderson, *The First Moroccan Crisis, 1904-6*; N. Richa, *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*.

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Hy136(a) Classes

Lent Term. In connection with Course Hy136.

This course will not be given in 1982-83.

Hy137 British-American-Russian Relations, 1815-1914

Professor Anderson, Professor Bourne and Professor Nish. Twenty-five lectures, Sessional.

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*; David M. Pletcher, *The Diplomacy of Annexation—Texas, Oregon and the Mexican War*; Paul A. Varg, *United States Foreign Relations, 1820-1860*; 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*; M. E. Yapp, *Strategies of British India: Britain, Iran and Afghanistan, 1798-1850*; 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*; 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*; D. Gillard, *The Struggle for Asia*; 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. T. Alder, *British India's Northern Frontier, 1865-1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*; I. C. Y. Hsü, *The Ili Crisis*; I. H. Nish, *The Anglo-Japanese Alliance, 1894-1907; Alliance in Decline, 1908-23*; I. H. Nish, *Japanese Foreign Policy, 1868-1942*; J. A. White, *The Diplomacy of the Russo-Japanese War*, F. Kazemzadeh, *Russia and Britain in Persia, 1864-1914*; F. H. Hinsley (Ed.), *British Foreign Policy under Sir Edward Grey*.

Hy138 International Socialism and the Problem of War, 1870-1918

Ten lectures, Michaelmas Term. This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II; M.A. and other interested students.

Syllabus A study of the development of socialist thought about war, national defence, nationalism and colonialism, and of the attempts at international socialist action to prevent war, including the discussions in the Second International and in the major socialist parties of Europe.

Recommended reading G. D. H. Cole, *A History of Socialist Thought*, Vol. III; J. Braunthal, *History of the International, 1864-1914*; J. Joll, *The Second International*; M. M. Drachkovitch, *Les socialismes français et allemands et le problème de la guerre*; H. R. Weinstein, *Jean Jaurès: A Study of Patriotism in the French Socialist Movement*; J. P. Nettl, *Rosa Luxemburg*; V. I. Lenin, *Socialism and War*; V. I. Lenin, *Imperialism: the Highest Stage of Capitalism*.

Hy138(a) Classes

Lent Term. In connection with Course Hy138.

This course will not be given in 1982-83.

Hy140 Fascism and National Socialism in International Politics, 1919-1945

Mr Robertson and Dr Polonsky. Twelve lectures, Michaelmas and Lent Terms.

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 Politics 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*.

Hy140(a) Classes

Lent and Summer Terms. In connection with Course Hy140.

Hy143 The Habsburg Monarchy and the Revolutions of 1848

Dr Sked. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus The course will cover the background to, as well as the origins, development, diplomacy, failure and

consequences of the revolutions of 1848 within the Habsburg Monarchy. It will also cover the struggle for mastery in Germany between 1848 and 1851.

The prescribed sources will be: Count Hartig, *Genesis of the Revolution in Austria*; W. H. Stiles, *Austria in 1848-9*; Helmut Böhme, *The Foundation of the German Empire* (documents 21 to 41 only); A. Sked and E. Haraszti (Eds.), *The Correspondence of J. A. Blackwell* (to be published); A. Sked, *The Survival of the Habsburg Empire. Radezky, the Imperial Army and the Class War, 1848*. **Key books include:** I. Déak, *The Lawful Revolution, Louis Kossuth and the Hungarians*; A. Sked (Ed.), *Europe's Balance of Power, 1815-48*; R. J. Rath, *The Viennese Revolution of 1848*; Paul Ginsborg, *Daniel Manin and the Viennese Revolution of 1848*; A. J. P. Taylor, *The Struggle for Mastery in Europe, 1848-1918*; C. A. Macartney, *The Habsburg Monarchy 1790-1918*. Further reading will be recommended during the course.

Hy145 The Great Powers and Egypt, 1882-1888

Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1982-83.

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).

Hy146 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. This 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*.

Hy147 Great Britain and the Peace Conference of 1919

Mr Grün. Twenty-two classes, Sessional.

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).

Hy148 The Manchurian Crisis, 1931-1933

Professor 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.

Hy149 The League of Nations in Decline, 1933-1937

Mr Robertson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus A study of the relative strength and weaknesses 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. Italy's withdrawal from the league at the end of 1937 and her adhesion 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; Ciano's *Papers and Diary, 1937-1939*; *Documents on British Foreign Policy*, Second Series, Vol. XII-XVI.

Hy149(a) Classes
Lent Term. In connection with Course Hy149.

Hy154 Palmerston, the Cabinet and the European Policy of Great Britain, 1846-1851 (Intercollegiate Seminar)
Professor Bourne and Dr Bullen. Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Hy155 Japan and the Far Eastern Crisis 1931-41 (Intercollegiate Seminar)
Professor 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.

Hy156 The Great Powers 1945-54 (Intercollegiate Seminar)
Dr Polonsky and Dr Sked. Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Foreign Languages for Historians
Language courses to meet the

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requirement for the B.A. History degree will be available either in the School or intercollegiately.

Hy157 French (Classes)
Dr Starkey. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Hy158 German (Classes)
Mr Gillingham. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Hy159 Latin (Classes)
Mr Gillingham. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Note: Intercollegiate lecture courses covering the field of Mediaeval and Modern European History, European Political Ideas and World History from the End of the Nineteenth Century are given at the Senate House and at the School of Oriental and African Studies on Mondays throughout the session.

References should also be made to the following courses:

Gv104: Three Key Mediaeval Political Thinkers

Gv109: Modern Political Thought

ADVANCED COURSES

Attendance restricted to students taking the relevant M.A./M.Sc. examination.

(i) M.A./M.Sc. International History

For Paper 1:

Hy160 International History 1688-1740 (Seminar)
Dr McKay. Sessional.

Hy161 International History 1740-1789 (Seminar)
Professor Anderson. Sessional.

Hy163 International History 1815-1870 (Seminar)
Dr Bullen. Sessional.

Hy164 International History 1870-1914 (Seminar)
Dr Polonsky. Sessional.

Hy165 International History 1914-1946 (Seminar)
Mr Grün, Professor Watt and Dr Polonsky. Sessional.

For Paper 2:

Hy170 Diplomatic Theory and Practice, 1500-1815
Professor Anderson. Twenty lectures and seminars, Michaelmas and Lent Terms.

Hy171 Diplomatic Theory and Practice, 1815-1919
Professor Anderson. Twenty lectures and seminars, Michaelmas and Lent Terms.

Hy172 Diplomatic Theory and Practice, 1919-1946
Professor Watt. Ten seminars, Lent Term.

For Paper 3:

Hy182 The Anglo-French Entente, 1713-1740
Dr McKay.

Hy183 Enlightened Despotism in the later Eighteenth Century
Professor Anderson.

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Hy185 Diplomacy by Conference, 1814-1833
Dr Bullen.

Hy186 The Polish Question in International Relations, 1815-1864
Dr Polonsky.

Hy187 The Mehemet Ali Crises, 1833-1841
Professor Bourne.
This course will not be given in 1982-83.

Hy188 Anglo-American Relations, 1815-1872
Professor Bourne.
This course will not be given in 1982-83.

Hy191 Britain and the Triple Alliance, 1887-1902
This course will not be given in 1982-83.

Hy193 The Powers and the West Pacific, 1911-1939
Professor Nish.

Hy194 The Coming of War, 1913-1914
Dr Polonsky.

Hy195 The Comintern and its Enemies, 1914-1943
Mr Robertson.

Hy196 The Peace Settlement of 1919-1921
Mr Grün.

Hy197 The Foreign Policy of the Weimar Republic, 1919-1933
Mr Grün.

Hy202 The Period of 'Appeasement', 1937-1939
Professor Watt.

Hy203 The European Peace Settlement, 1943-1946
Professor Watt.

(ii) M.A. in English and European History (The Twelfth and Thirteenth Centuries)

Hy215 The Angevin Empire (Intercollegiate Seminar)
Mr Gillingham. Sessional.

(iii) M.A. in Area Studies (United States Studies)

Hy221 The United States and European International Politics, 1900-1945 (Seminar)
Professor Watt. Sessional.

(iv) M.A. in Area Studies (Far Eastern Studies)

Hy225 International History of East Asia from 1900
Professor Nish. Sessional.

(v) M.A. in Area Studies (European Studies)

Programme on Nationalism

Hy228 Nationalism in the Relations between Germany and her Neighbours in the Twentieth Century (Intercollegiate Seminar)
Mr Grün. Sessional.

Programme on European Working Classes and Working Class Movements

Hy231 Anarchism, Movements and Ideas, 1860-1921 (Intercollegiate Seminar)
Dr Polonsky. Sessional.

(vi) M.Sc. in European Studies

Hy241 European History since 1945

Dr Sked. Fifteen lectures, Michaelmas and Lent Terms.

Hy241(a) Classes
Lent Term. In connection with Course Hy241.

M.PHIL./PH.D. SEMINARS

Hy250 The Earlier Middle Ages to c. 1250 (Seminar)
Professor Brown, Mr Gillingham and Dr Nelson. Weekly, Sessional. At the Institute of Historical Research.

Hy251 English History c. 1500-1650 (Seminar)
Dr Goring, Dr Starkey and Dr Tyacke. Fortnightly, Sessional. At the Institute of Historical Research.

Hy252 European History from 1648-1789 (Seminar)
Dr de Madariaga, Mr Gibbs, Dr McKay and Dr Mettam. Fortnightly, Sessional. At the Institute of Historical Research.

Hy254 International History, 1814-1919 (Seminar)
Dr Bullen and Dr Sked. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Dr Bullen or Dr Sked.

Hy255 International History since 1919 (Seminar)
Professor Watt, Mr Grün and Mr Robertson. Fortnightly, Sessional. Admission by permission of Professor Watt.

Hy256 Aspects of Military Policy in the Nineteenth and Twentieth Centuries (Seminar)
Mr Bond and Professor Watt. Sessional. At the Institute of Historical Research.

International Relations

IR100 International Problems of the Twentieth Century

Professor Northedge. Ten lectures, Michaelmas Term.
For all International Relations students.
Syllabus This introductory course will review some of the more important political and economic problems which have influenced the development of international relations since 1914 and which have helped to shape the agenda of diplomacy. These problems include total war and the totalitarian state, the question of coexistence between the liberal democracies and the communist states, the relative decline of Europe as a theatre of world politics, the rise of the super-powers, the emergence of the Third World and the struggle against poverty and racial inequality, the advent of nuclear weapons and the political effects of technological change. Some assessment will be offered of the manner in which such problems have been handled, but the main emphasis will be on their role as themes of international argument and as forces affecting the politics of states.
Recommended reading will be given as the course proceeds.

IR101 Structure of International Society

Dr Leifer. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Soc., Soc. Psych. 1st yr.
Syllabus A survey of the concepts required for an elementary analysis of the world society. First, statehood: sovereignty and its origins, nations and nationalism, self-determination, national interest and foreign policy, security and defence. Second, the interstate system; diplomacy, law, morality, conflicts, cooperation and various institutional patterns in relations between states. Third, major contemporary structures in the world society: relationships of power, interdependence, dominance and dependence, arms races and wars, processes of change and maintenance of stability. Finally, basic theory and methods: units of analysis, levels of analysis, history of thought and prevailing theories.

Recommended reading C. A. W. Manning, *The Nature of International Society*; J. Frankel, *International Politics: Conflict and Harmony*; 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*; A. Buchan, *The End of the Postwar Era*; M. Wight, *Power Politics*; G. Barraclough, *An Introduction to Contemporary History*; K. Polanyi, *The Great Transformation: Origins of Our Time*; L. Henkin, *How Nations Behave*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Frankel, *National Interest*; F. S. Northedge, *The International Political System*; F. S. Northedge (Ed.), *The Foreign Policies of the Powers*; L. J. Halle, *The Nature of Power*; A. Wolfers, *Discord and Collaboration*; I. L. Claude, *Power and International Relations*; A. Buchan, *War in Modern Society*; F. H. Hinsley, *Nationalism and the International System: Sovereignty*; B. C. Cohen, *The Question of Imperialism*; R. Ogley (Ed.), *The Theory and Practice of Neutrality in the Twentieth Century*; P. A. Reynolds, *An Introduction to International Relations*; A. M. Scott, *The Revolution in Statecraft*; E. Kedourie, *Nationalism*; G. Stern, *Fifty Years of Communism*; M. D. Shulman, *Beyond the Cold War*; H. Bull, *The Control of the Arms Race*; M. Wight, *Disarm and Verify*; M. Katz, *The Relevance of International Adjudication*; K. J. Twitchett (Ed.), *International Security*; I. L. Claude, *The Changing United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; K. N. Waltz, *Man, the State and War*; C. V. Crabb, *Nations in a Multipolar World*; J. W. Burton, *World Society*; W. A. Axline and J. A. Stegenga, *The Global Community*.

IR101(a) Structure of International Society (Class)
Members of the department. Sessional.

IR102 International Politics

Mr Banks. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd or 3rd yrs.; Dip. Int. and Comp. Pols.
Syllabus The emergence and organisation of the modern international system of

states and the underlying concepts of territorial sovereignty and legitimacy, of national identity and national interest. The ends and means of interstate relations, the instruments of foreign policy and diplomacy and the main forms of political relationships between states—hegemony, alliance, neutrality, non-alignment, association on a regional, ideological, cultural or stage-of-economic-development basis. The influence of ideas, of legal and moral constraints, of revolutionary movements and of changes in the distribution of wealth on international relations. Problems of war and conflict, of dependency and development in international relations and the mechanisms and processes available for securing greater stability and equity in the international political system.

Recommended reading R. Aron, *Peace and War*; C. R. Beitz, *Political Theory and International Relations*; G. Blainey, *The Causes of War*; K. E. Boulding, *Stable Peace*; A. B. Bozeman, *Politics and Culture in International History*; W. Brandt *et al.*, *North-South: A Programme for Survival*; S. Brucan, *The Dialectic of World Politics*; H. N. Bull, *The Anarchical Society*; J. W. Burton, *Deviance, Terrorism, and War*; I. Clark, *Reform and Resistance in the International Order*; I. L. Claude, *Power and International Relations*; M. Donelan (Ed.), *The Reason of States*; J. E. Dougherty and R. L. Pfaltzgraff, *Contending Theories of International Relations*; C. Freeman and M. Jahoda (Eds.), *World Futures*; J. Galtung, *The True Worlds*; R. Gilpin, *U.S. Power and the Multinational Corporation*; A. J. R. Groom and C. R. Mitchell (Eds.), *International Relations Theory*; L. Henkin, *How Nations Behave* (2nd edn.); K. J. Holsti, *International Politics*; R. Jervis, *Perception and Misperception in International Politics*; R. O. Keohane and J. S. Nye, *Power and Interdependence*; W. J. Mommsen, *Theories of Imperialism*; H. J. Morgenthau, *Politics Among Nations*; E. L. Morse, *Modernization and the Transformation of International Relations*; F. S. Northedge, *The International Political System*; R. Pettman, *State and Class*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy* (2nd edn.); T. Skocpol, *States and Social Revolutions*; M. Smith *et al.* (Eds.), *Perspectives on World Politics*; R. W. Tucker, *The Inequality of Nations*; I. Wallerstein, *The Modern World System*; K. Waltz,

Theory of International Politics; M. Walzer, *Just and Unjust Wars*; M. Wight, *Power Politics*; Q. Wright, *The Study of International Relations*.

IR102(a) International Politics (Class)

Michaelmas and Lent Terms.

IR104 Concepts and Methods of International Relations

Mr Banks. Ten lectures, Michaelmas Term.

For M.Sc.; B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; Optional for Dip. Int. and Comp. Pols. 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: state-centric, pluralist, structuralist. 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 K. Booth, *Strategy and Ethnocentrism*; K. E. Boulding, *Ecodynamics*; A. Brecht, *Political Theory*; K. W. Deutsch *et al.* (Eds.), *Problems of World Modelling*; G. D. Garson, *Handbook of Political Science Methods*; K. Goldmann and G. Sjostedt, *Power, Capabilities, Interdependence*; T. R. Gurr (Ed.), *Handbook of Political Conflict*; M. A. Kaplan, *Towards Professionalism in International Theory*; R. J. Lieber, *Theory*

and World Politics; C. A. McClelland, *Theory and the International System*; R. W. Mansbach and J. A. Vasquez, *In Search of Theory*; R. L. Merritt and B. M. Russett (Eds.), *From National Development to Global Community*; C. R. Mitchell, *The Structure of International Conflict*; R. Pettman, *State and Class*; J. N. Rosenau (Ed.), *In Search of Global Patterns*; J. D. Singer, *The Correlates of War*; J. D. Steinbruner, *The Cybernetic Theory of Decision*; T. Taylor (Ed.), *Approaches and Theory in International Relations*; D. H. Wrong, *Power*.

IR105 The Foreign Policies of the Powers

Members of the department, Professor Morgan, Professor Radway, Professor Northedge, Mr G. H. Stern, Mr Mayall and Dr Leifer. Thirty-two lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pols. 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, Indonesia and Japan will be considered in the session 1982–1983.

Recommended reading

(a) THE UNITED STATES: N. Graebner, *Ideas and Diplomacy*; C. V. Crabb, *Policy Makers and Critics*; B. C. Cohen, *The Press and Foreign Policy*; T. Frank and E. Waisband, *Foreign Policy by Congress*; R. Neustadt, *Presidential Power*; R. Hilsman, *The Politics of Policy Making in Defense and Foreign Affairs*; I. Destler, *Making Foreign Economic Policy*; L. Kirkpatrick, *The United States Intelligence Community*. (b) THE UNITED KINGDOM: Lord Strang, *The Foreign Office*; F. S. Northedge, *Descent from Power: British Foreign Policy, 1945–1973*; Roy E. Jones, *The*

Changing Structure of British Foreign Policy; David Dilks (Ed.), *Retreat from Power* (2 Vols.); F. S. Northedge, *The Troubled Giant*; M. Leifer (Ed.), *Constraints and Adjustments in British Foreign Policy*; R. Boardman and A. J. R. Groom (Eds.), *The Mangement of Britain's External Relations*; E. Barker, *Britain in a Divided Europe*; U. Kitzinger, *Diplomacy and Persuasion*; A. J. Pierre, *Nuclear Politics*; S. Strange, *Sterling and British Policy*; Paul Kennedy, *The Realities behind Diplomacy. Background Influences on British External Policy, 1865–1980*; W. Wallace, *The Foreign Policy Process in Britain*.

(c) THE SOVIET UNION: K. and I. Hulicka, *Soviet Institutions, the Individual and Society*; I. Lederer (Ed.), *Soviet Foreign Policy*; J. F. Triska and D. D. Finley, *Soviet Foreign Policy*; A. B. Ulam, *Expansion and Co-existence*; W. Welch, *American Images of Soviet Foreign Policy*; E. Hoffman and F. Fléron (Eds.), *The Conduct of Soviet Foreign Policy*.

(d) FRANCE: Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*; Herbert Tint, *French Foreign Policy since the Second World War*; Philip Cerny, *The Politics of Grandeur—Ideological Aspects of de Gaulle's Foreign Policy*; W. Wallace and W. Paterson (Eds.), *Foreign Policy-Making in Western Europe*; Jack Hayward, *The One and Indivisible French Republic*; Vincent Wright, *The Government and Politics of France*; Martin Schain and Philip Cerny (Eds.), *French Politics and Public Policy*.

(e) INDIA: J. Bandyopadhyaya, *The Making of India's Foreign Policy*; W. J. Barnds, *India, Pakistan and the Great Powers*; C. H. Heimsath and S. Mansingh, *A Diplomatic History of Modern India*; R. Kothari, *Politics in India*; L. J. Kavic, *India's Quest for Security, Defence Policies 1947–65*; A. Lamb, *The China-India Border*; N. Maxwell, *India's China War*; K. P. Misra (Ed.), *Studies in Indian Foreign Policy*; J. Nehru, *An Autobiography*; J. Nehru, *Speeches*; R. L. Park, "India's Foreign Policy", Chapter 9 in Roy C. Macridis (Ed.), *Foreign Policy in World Politics*, 4th edn.; B. Sen Gupta, *The Fulcrum of Asia: Relations Among China, India, Pakistan and the USSR*; O.H.K. Spate and A. T. A. Learmonth, *India and Pakistan*; K. Subrahmanyam, *Bangladesh and India's Security*; S. P. Varma and K. P. Misra (Eds.), *Foreign Policies in South Asia*; W.

A. Wilcox, "India and Pakistan" in Spiegel and Waltz (Eds.), *Conflict in World Politics*.

(f) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy*; A. Grosser, *Germany in our Time*; K. Kaiser and R. Morgan (Eds.), *Great Britain and West Germany: Changing Societies and the Future of Foreign Policy*; R. Morgan, *West Germany's Foreign Policy Agenda*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; H. Plessner, *Die verspätete Nation*.

(g) INDONESIA: G. McT. Kahin, *Nationalism and Revolution in Indonesia*; A. M. Taylor, *Indonesian Independence and the U.N.*; L. H. Palmier, *Indonesia and the Dutch*; J. A. C. Mackie, *Konfrontasi. The Indonesia-Malaysia Dispute, 1963-1966*; G. Modelski (Ed.), *The New Emerging Forces*; D. E. Weatherbee, *Ideology in Indonesia*; Sukarno's Indonesian Revolution; F. B. Weinstein, *Indonesia Abandons Confrontation; Indonesian Foreign Policy and the Dilemma of Dependence*; M. Leifer, *Malacca, Singapore and Indonesia (Vol. II, International Straits of the World)*.

(h) JAPAN: E. Wilkinson, *Misunderstanding: Europe vs Japan*; D. C. Hellman, *Japan and East Asia: The New International Order*; F. C. Langdon, *Japan's Foreign Policy*; D. H. Mendel, *The Japanese People and Foreign Policy*; L. Olson, *Japan in Postwar Asia*; J. A. Stockwin, *The Japanese Socialist Party and Neutralism*; M. E. Weinstein, *Japan's Postwar Defence Policy, 1947-1968*.

IR106 Foreign Policy Analysis

Dr C. J. Hill and Professor Radway. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus An investigation of the behaviour of the individual actors of international relations, focusing mainly, but not entirely, on states; the various influences on decision-making in foreign policy, external and internal; the importance of bureaucracy, of domestic political systems, of economic development and of the groups affected by foreign policy; the problems arising out of the formulation of goals and the choice of policy instruments; psychological elements in policy-making;

transnational relations.

Recommended reading G. T. Allison, *Essence of Decision*; J. Barber and M. Smith (Eds.), *The Nature of Foreign Policy: A Reader*; M. Brecher, *The Foreign Policy System of Israel*; C. Clapham (Ed.), *Foreign Policy Making in Developing States*; B. C. Cohen, *The Public's Impact on Foreign Policy*; J. Frankel, *The Making of Foreign Policy*; M. Halperin, *Bureaucratic Politics and Foreign Policy*; F. Iklé, *How Nations Negotiate*; R. Jervis, *Perception and Misperception in International Politics*; I. Janis, *Victims of Groupthink*; R. Jones, *The Principles of Foreign Policy*; P. G. Lauren (Ed.), *Diplomacy*; E. May, 'Lessons' of the Past; F. S. Northedge (Ed.), *The Foreign Policies of the Powers*; H. & M. Sprout, *The Ecological Perspective in Human Affairs*; J. Steinbruner, *The Cybernetic Theory of Decision*; D. Vital, *The Inequality of States*; W. Wallace and W. Paterson, *Foreign Policy-Making in Western Europe*; K. Waltz, *Foreign Policy and Democratic Politics*; P. Williams, *Crisis Management*; A. Wolfers, *Discord and Collaboration*.

IR106(a) Foreign Policy Analysis (Class)

Members of the department. Michaelmas and Lent Terms, beginning middle of the Michaelmas Term.

IR107 Decisions in Foreign Policy

Dr C. J. Hill. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pols. 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 decision-making in crisis.

Introduction: Theories and categories which may be employed; the central questions.

Cases: The British Decision for War, 1939; The Marshall Plan, 1947; American action in Korea, 1950-51; the Cuban Missile Crisis, 1962; Britain's Withdrawal

from East of Suez, 1956-74; The Soviet Invasion of Czechoslovakia, 1968. **Conclusions:** Comparisons, contrasts, common factors, the utility of foreign policy theory.

Recommended reading M. Brecher, *Decisions in Crisis*; G. Parry, *Political Elites*; I. Janis, *Victims of Groupthink*; S. Aster, 1939; M. Howard, *The Continental Commitment*; S. Newman, *March 1939: The British Guarantee to Poland*; 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*; J. Valenta, *Soviet Intervention in Czechoslovakia, 1968*.

IR108 International Institutions

Mr Taylor. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

Syllabus How international organizations came to play a part in the relations of states; the ideas and needs that generated them; and the uses to which they have been put. The course will explore the issues and conflicts surrounding the design and operation of intergovernmental institutions and their relation to the foreign and domestic interests and policies of their member states. It will do so with special reference to organizations concerned with world order, peace and conflict resolution; to organizations for mutual defence and security; for regional cooperation, political and economic; and to organizations concerned with the management of money, trade, and development in the world economy.

Recommended reading I. Claude, *Swords into Ploughshares*; H. Jacobson, *Networks of Interdependence*; R. Henig (Ed.), *The League of Nations*; G. Scott, *The Rise and Fall of the League of Nations*; J. G. Stoessinger, *The United Nations and the Superpowers*; M. Zacher, *International Conflicts and Collective Security, 1946-77*; A. James, *The Politics of Peacekeeping*;

H. Nicholas, *The UN as a Political Institution*; R. Higgins, *UN Peacekeeping 1946-67*, Vols. 1-3; R. S. Jordan, *Political Leadership in NATO*; M. Kaser, *Comecon*; J. Spero, *The Politics of International Economic Relations*; R. Pryce, *The Politics of the European Community*; F. A. Beer, *Integration and Disintegration in NATO*; M. Wolfers, *Politics in the Organization of African Unity*; R. Rothstein, *Global Bargaining*; G. Helleiner, *A World Divided*; B. Cohen, *Organizing the World's Money*; R. Hanson, *Beyond the North-South Stalemate*.

IR108(a) International Institutions Class

Member of the department. Ten classes, Lent and Summer Terms.

For second-year students.

IR108(b) International Institutions Class

Members of the department. Five classes, Michaelmas and Lent Terms.

For third-year students.

IR116 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms.

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

Syllabus International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their inter-relations and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform, Comecon and the Warsaw Pact; the effectiveness of these organizations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of Polycentrism in the Communist world.

Recommended reading F. Borkenau, *World Communism*; B. Bracewell-Milnes, *Economic Integration in East and West*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919-1939*; K. Dawisha and P. Hanson (Eds.), *Soviet-East European Dilemmas*; J. Degras (Ed.), *The Communist International 1919-1943*;

Documents, Vols. I, II and III; I. Deutscher, *Stalin*; K. Grzybowski, *The Socialist Commonwealth of Nations*; C. Jacobson, *Sino-Soviet Relations since Mao*; M. Kaser, *Comecon*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; M. McCauley (Ed.), *Communist Power in Europe 1944-49*; S. Schram, *The Political Thought of Mao Tse-tung*; J. Steele, *Eastern Europe since Stalin*; G. H. Stern, *Fifty Years of Communism*; R. Tucker, *The Marxian Revolutionary Idea*; M. Waller, *The Language of Communism*.

IR118 New States in World Politics

Dr Lyon. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus Comparative evaluation of the ways in which new states emerge into independence, their assets and liabilities for the conduct of their international affairs, and their roles as producers or consumers of international order. The contemporary new states in terms of: statehood and nationhood; neutralism and non-alignment; imperialism, colonialism and neo-colonialism; praetorianism and populism; autonomy and autarchy; irredentism and secessionism.

Recommended reading D. Apter, *The Politics of Modernisation*; C. E. Black, *The Dynamics of Modernisation*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. Foltz (Eds.), *Nation-Building*; S. N. Eisenstadt, *Tradition, Change and Modernity*; S. E. Finer, *The Man on Horseback*; C. Geertz (Ed.), *Old Societies and New States*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*; G. H. Jansen, *Afro-Asia and Non-alignment*; E. Kedourie, *Nationalism*; E. Kedourie, *Nationalism in Asia and Africa*; P. Lyon, *Neutralism*; D. Rustow, *A World of Nations*; E. Shils, *Political Development in the New States*; E. Shils, *Center and Periphery: Essays in Macrosociology*; H. Seton-Watson, *States and Nations*.

IR119 International Relations in Southern Asia

Dr Leifer. Ten lectures, Michaelmas Term.

For M.Sc. and other graduate students. **Syllabus** Domestic context and regional environment. Transfers of power and the shaping of foreign policies. External interests and the nature of external involvements: (1) The Communist Powers; (2) The American Alliance system and its revision. The responses of the regional states: alignments and non-alignment. The sources and patterns of intra-regional conflict. The changing impact and balance of external involvements. Intra-regional association and local initiatives for regional order. The relationship between regional order and world order.

Recommended reading C. Clapham, *Foreign Policy Making in Developing States*; M. Leifer, *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*; S. Chawla and D. R. Sardesai, *Changing Patterns of Security and Stability in Asia*; D. Kimcho, *The Afro-Asian Movement*; M. Zacher and R. S. Milne, *Conflict and Stability in South-East Asia*; D. Wilson, *The Neutralization of S.E. Asia*; W. J. Barnds, *India, Pakistan and the Great Powers*; R. Jackson, *South Asian Crisis*; C. B. McLane, *Soviet Strategies in S.E. Asia*; G. Jukes, *The Soviet Union in Asia*; P. M. Kattenburg, *The Vietnam Trauma in America Foreign Policy*; G. Porter, *A Peace Denied*; Tang Tsou (Ed.), *China's Policies in Asia*; C. P. Fitzgerald, *China and Southeast Asia since 1945*; F. Langdon, *Japan's Foreign Policy*; A. Lamb, *Asian Frontiers*; R. Prescott, *Map of Mainland Asia by Treaty*.

IR120 International Politics of Africa

Mr Mayall and Mr Panter-Brick. Ten lectures, Michaelmas Term.

For M.Sc.; M.A. Area Studies—Africa. **Syllabus** The ideology of Pan-Africanism; its historical importance and its contemporary relevance. The formation and functioning of the Organisation of African Unity: Questions of self-determination and state frontiers. Concepts of non-alignment and neo-

colonialism. Special relationships in the context of the Commonwealth, La Francophonie, the European Economic Community; relations with the Super-Powers. The present basis, character and extent of inter-state cooperation among the African States themselves. Policies within the United Nations, especially with respect to Southern Africa.

Recommended reading K. Nkrumah, *Africa Must Unite*; I. Wallerstein, *Africa: the Politics of Unity*; Ali Mazrui, *Towards a Pax Africana; The International Politics of Africa*; 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*; I. W. Zartman (Ed.), *Africa in the 1980's: a continent in crisis*; J. Mayall, *Africa: The Cold War and After*; I. W. Zartman, *The Politics of Trade Negotiations Between Africa and the European Economic Community*; D. Rothchild (Ed.), *Politics and Integration: An East African Documentary*; I. Brownlie (Ed.), *Basic Documents on African Affairs*; I. Geiss, *The Pan-African Movement*; J. A. Langley, *Pan-Africanism and Nationalism in Africa, 1900-45*; R. Legvold, *Soviet Policy in West Africa*; A. Ogunsanwo, *Chinese Policy in Africa, 1958-71*; A. Hazlewood, *Economic Integration: the East African Experience*. For articles consult *International Affairs; World Today; International Organisation; African Affairs; Journal of Modern African Studies and Africa Report*.

Students should also attend Course IR158 Foreign Relations of African States and may, if they wish, attend Course Gv162, Politics in Africa.

IR121 The Great Powers and the Middle East

Dr Hirszowicz. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students. **Syllabus** A survey and analysis of the contemporary significance of the Middle East within the context of great power

relations: the emergence and development of the Middle Eastern states system under the impact of the great powers; the importance of Middle East oil and other economic interests; the interplay of domestic politics, intra-regional conflicts and international rivalries in the policies of the Middle Eastern governments; great power rivalry and the strategic position of the Middle East.

Recommended reading H. Sh. Chubin and S. Zabih, *The Foreign Relations of Iran*; R. W. Cottam, *Nationalism in Iran, 1979 edition*; C. F. Doran, *Myth, Oil and Politics. Introduction to the Political Economy of Petroleum*; S. N. Fisher, *The Middle East. A History*; R. Freedman, *Soviet Policy Toward the Middle East since 1970*, Revised Edition; G. S. Harris, *Troubled Alliance. Turkish-American Problems in Historical Perspective*; J. B. Kelly, *Arabia, the Gulf and the West*; M. Kerr, *The Arab Cold War. Gamal Abdul Nasser and his Rivals, 1958-1970*; M. Khadduri, *Socialist Iraq. A Study in Iraqi Politics since 1968*; H. Longrigg and J. Jankowski, *The Middle East. A Social Geography*; R. D. McLaurin (Ed.), *The Political Role of Minorities in the Middle East*; B. E. O'Neill, *Armed Struggle in Palestine. A Political-military Analysis*; N. Safran, *Israel. The Embattled Ally*; K. S. Salibi, *Crossroads to Civil War. Lebanon 1958-1976*; B. Shwadran, *Middle East Oil. Issues and Problems*; F. Tachau (Ed.), *Political Elites and Political Development in the Middle East*; A. Yodfat and M. Abir, *In the Direction of the Gulf. The Soviet Union and the Persian Gulf*.

IR122 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Optional for Dip. Int. and Comp. Pols. **Syllabus** The emergence of the European Communities: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.-O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Confederalist and the Functionalist approaches to the integration of the Six. European security and European integration.

Recommended reading M. Hodges (Ed.), *European Integration*; P. Dagoglou (Ed.), *Basic Problems of the European Community*; G. Mally, *The European Community in perspective: the new Europe, the United States and the world*; Political and Economic Planning, *European Unity*; L. N. Lindberg and S. Scheingold, *Europe's Would-Be Polity*; U. Kitzinger, *Diplomacy and Persuasion: How Britain joined the Common Market*; R. Morgan, *West European Politics since 1945*; A. Spinelli, *The Eurocrats*; J. Newhouse, *Collision in Brussels: the Common Market Crisis of 30 June 1965*; P. Taylor, *International Co-operation Today: the European and the Universal Pattern*; R. Pryce, *The Politics of the European Community*; W. Wallace, H. Wallace and C. Webb (Eds.), *Policy Making in the European Community*.

IR122(a) The Politics of Western European Integration (Class)
Seven classes, Lent Term.
For B.A. c.u. main field French Studies 2nd yr.

IR123 The External Relations of the European Community
Dr C. J. Hill. Five lectures, Michaelmas Term.
For M.Sc.; B.A. c.u. main field French Studies 2nd yr., and other interested graduate and undergraduate students.
Syllabus An examination of the external relations of the European Community with particular reference to forms of political cooperation, the role of the Commission, 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 A. W. Deporte, *Europe Between the Superpowers*; W. J. Field, *The European Community in World Affairs*; K. Twitchett, *Europe and the World*; Philippe de Schoutheete, *La Cooperation Politique Européenne*; H. Wallace, W. Wallace and C. Webb, *Policy-Making in the European Communities*; C. Cosgrove-Twitchett, *A Framework for Development: the EEC and ACP*; L. Tsoukalis, *The European Community and its Mediterranean Enlargement*.

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IR124 International Business in the International System
Professor Strange. Five lectures, Michaelmas Term.

For M.Sc.; Dip. Int. and Comp. Pols.; and interested students.
Syllabus An introduction for non-specialists to questions raised by the expanding power in the world economy of large corporations operating trans-nationally; and to some of the explanations, extrapolation and interpretations that have been advanced concerning them; their impact on political theories, concepts of the state, national sovereignty and international relations and organisation; and on economic theories of international trade, payments and development. Normative and policy questions posed for individual states and for the international community and economy by the expansion of international production and economic enterprise.
Recommended reading R. Gilpin, *United States Policy and the Multinational Corporation*; J. R. Nye and R. Keohane, *Transnational Relations and World Politics*; P. Buckley and M. Casson, *The Future of the Multinational Enterprise*; C. Kindleberger (Ed.), *The International Corporation*; R. Vernon, *Storm over the Multinationals*; United Nations, *Transnational Corporations in World Development: a Re-examination*.

IR125 Money in the International System
Professor Strange. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.; Dip. Int. and Comp. Pols. and interested students; Optional for B.Sc. (Econ.) Part II.
Syllabus The management of money in an integrated world market economy is a matter of increasing consequence in world politics. Students of international relations may need to understand the basic functions of money in relation to patterns of economic growth and as a source and instrument of power in organised society. The course will deal, first, with basic concepts regarding the use, creation and management of money in society; and second, with the central issues of monetary management in the world economy: the use of national and international reserve assets; the rules of

exchange rate adjustment; the operations of banks and other institutions in international money and capital markets, and the choices of monetary policy open to developed and developing countries.
Recommended reading B. Cohen, *Organizing the World's Money*; R. Aliber, *The International Money Game*; F. Block, *Origins of International Economic Disorder*; S. Mendelsohn, *Money on the Move*; R. Soloman, *The International Monetary System*; S. Strange, *International Monetary Relations*; J. Galbraith, *Money—whence it came and where it went*; B. Tew, *The Evolution of the International Monetary System*.

IR126 States and Markets: Political Aspects of the World Economy

Professor Strange. Ten lectures, Michaelmas Term.
This course will not be given in 1982–83.

For M.Sc.; Optional for B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.
Syllabus The part played by states in the growth and development of the world market economy, formative policies toward trade, money, international movements of capital and labour, systems of transport and communication—their political motivations and consequences. The course will provide non-specialists with a broad introduction to international economic developments affecting international relations over the last century, and will give special attention to the period since 1945.

Recommended reading F. Braudel, *Capitalism and Material Life*; J. Baechler, *Origins of Capitalism*; C. Cipolla, *Economics of Population*; K. Polanyi, *The Great Transformation*; J. Hicks, *A Theory of Economic History*; Kenwood and Lougheed, *The Growth of the International Economy*; W. Ashworth, *A Short History of the International Economy since 1850*; C. Kindleberger, *The World in Depression*; D. Calleo and B. Rowland, *America and the World Political Economy*; F. Meyer, *International Trade*.

IR127 Psychological Aspects of International Relations
Professor Northedge. Five lectures, Summer Term.

For M.Sc.; Optional for B.Sc. (Econ.) Part II.

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Syllabus The more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the external control of public opinion; the emotional functions of nationalism and other collective symbols of international relevance; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-state conflict.

Recommended reading M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshay-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; J. C. Clews, *Communist Propaganda Techniques*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. C. Kelman (Ed.), *International Behaviour*; D. Lerner, *Sykewar*; N. Berdyayev, *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*.

IR135 The International Legal Order

Dr Delupis. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.
Syllabus The role of international law in international society; the role of international law in the foreign policy decision-making process; the basis of legal obligation; enforcement of international law and the question of sanctions; the sources of international law; the role of the United Nations in international law; peaceful change in international law; ideology and schools of thought in international law; the international judicial process.

Recommended reading L. Henkin, *How Nations Behave*; M. Kaplan and N. Katzenbach, *The Political Foundations of*

International Law; C. de Visscher, *Theory and Reality in Public International Law*; K. Deutsch and S. Hoffman, *The Relevance of International Law*; R. Fisher, *International Crises and the Role of Law: Points of Choice*; A. Chayes, *International Crises and the Role of Law: The Cuban Missile Crisis 1962*; R. Bowie, *International Crises and the Role of Law: Suez 1956*; T. Ehrlich, *International Crises and the Role of Law: Cyprus 1958-1967*; G. Abi-Saab, *International Crises and the Role of Law: U.N. Operations in the Congo 1960-1964*; J. Brierly, *The Basis of Obligation in International Law and Other Papers*; R. Falk, *The Status of Law in International Society*; A. Bozeman, *The Future of Law in a Multicultural World*; R. Higgins, *Conflict of Interests: International Law in a Divided World*; T. Franck, *The Structure of Impartiality*; W. Friedmann, *The Changing Structure of International Law*; M. McDougal and Associates, *Studies in World Public Order*; C. Jenks, *Law, Freedom and Welfare*; G. Schwarzenberger, *The Inductive Approach to International Law*; S. Rosenne, *The Law and Practice of the International Court*.

IR135(a) The International Legal Order (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus International law governing the individual and collective use of force; the laws of war; human rights law; C.S.C.E.; the law of the sea.

IR136 Theories of International Politics (Class)

Mr Donelan. Ten classes, Michaelmas Term.

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

Optional for Dip. Int. and Comp. Pols.

Syllabus Five theories of international politics, discussed in general and in terms of what they have to say about war, warfare, intervention and mutual assistance.

Recommended reading R. Cox, (Ed.), *The State in International Relations*; J. Finnis, *Natural Law and Natural Rights*; B. Midgley, *The Natural Law Tradition and the Theory of International Relations*; R. Niebuhr, *Christianity and Power Politics*; P. Brock, *A History of Pacifism*; M.

Wight, *Power Politics*; R. Sterling, *Ethics in a World of Power*; Machiavelli, *The Prince*; H. Reiss (Ed.), *Kant's Political Writings*; W. Schiffer, *The Legal Community of Mankind*; F. Hinsley, *Power and Pursuit of Peace*; E. Kedourie, *Nationalism*; V. Kubalkova and A. Cruikshank, *Marxism-Leninism and the Theory of International Relations*; J. Tooke, *The Just War in Aquinas and Grotius*; G. Best, *Humanity in Warfare*; B. Paskins and M. Dockrill, *The Ethics of War*; R. Vincent, *Non-Intervention and International Order*; C. Beitz, *Political Theory and International Relations*.

IR137 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.
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*; R. Heilbroner, *The Worldly Philosophers*; J. Spero, *The Politics of International Economic Relations*; D. Blake and R. Walters, *Politics of Global International Economic Relations*; K. Polanyi, *The Great Transformation*; 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*; R. Packenham, *Liberal America and the Third World*; T. Thornton (Ed.), *The Third World in Soviet Perspective*; P. Berger, *Pyramids of Sacrifice*; 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*; S. Krasner, *Defending the National Interest*.

IR137(a) The Politics of International Economic Relations (Class)

Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

IR138 The Strategic Aspects of International Relations

Dr Macdonald. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students interested.

Syllabus The place of strategic factors in international relations. Security concerns as motives of state behaviour. The ideas of Clausewitz and the subsequent development of strategic concepts. The impact of science upon warfare, and of preparations for war upon the state and international relations. Changes in military technology and deployment since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of strategic doctrine in the United States, the U.S.S.R. and Western Europe. The idea of deterrence. The idea of limited war. The problems of alliances. The proliferation of nuclear weapons. Attempts to find alternatives to traditional strategic approaches. The function of negotiated, imposed and unilateral measures of disarmament and arms limitation. The structure of security in the developed and in the developing worlds. The role of different forms of guerrilla warfare and political resistance in international relations. Intervention, domestic conflict, and the diffusion of military power. Questions of civil-military relations. The political assumptions of strategic thought.
Recommended reading will be given during the course.

IR138(a) The Strategic Aspects of International Relations (Class)

Members of the department.

Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

IR139 Disarmament and Arms Limitation

Mr Sims. Ten lectures, Michaelmas Term.

For undergraduates, Dip. Int. and Comp. Pols. and graduate students interested.

Syllabus Sequences of diplomacy, functions of the United Nations and contributions of treaties in the international discourse of disarmament. Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; unilateral disarmament; regional arms limitations; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological weapons. The political, economic, legal, institutional and intellectual context of disarmament and arms limitation. Prohibitions and restraints in the conduct of war; relationships between assimilation of weapons, modes of warfare, international humanitarian law of armed conflict, and the diplomacy of disarmament. Deterrence and the ethics of conditional intention. Public opinion and other non-governmental influences on disarmament; institutional framework of policy formation and international negotiation; international behavioural assumptions underlying approaches to disarmament. These lectures seek to identify and explore the essential problems of disarmament and arms limitation, and to show how they relate to the central concerns of International Relations.

Recommended reading S. D. Bailey, *Prohibitions and Restraints in War*; F. Barnaby and G. P. Thomas (Eds.), *The Nuclear Arms Race: Control or Catastrophe*; J. H. Barton and L. D. Weiler (Eds.), *International Arms Control*; L. Beaton, *The Reform of Power*; A. S. Becker, *Military Expenditure Limitations for Arms Control*; B. M. Blechman, *The Control of Naval Armaments*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; D. L. Clarke, *The Politics of Arms Control*; W. Epstein, *The Last Change: Nuclear Proliferation and Arms Control*; L. Freedman, *Arms Control in Europe*; G. L. Goodwin (Ed.), *Ethics and Nuclear Deterrence*; J. T. Johnson, *Just War Tradition and the Restraint of War*; M. A. Kaplan (Ed.), *SALT: Problems and Prospects*; W. H. Kincaid and J. D. Porro (Eds.), *Negotiating Security: An*

Arms Control Reader; S. de Madariaga, *Disarmament*; M. Meselson (Ed.), *Chemical Weapons and Chemical Arms Control*; A. Myrdal, *The Game of Disarmament*; R. Neild, *How to Make Up Your Mind About the Bomb*; P. J. Noel-Baker, *The Arms Race*; C. E. Osgood, *An Alternative to War or Surrender*; G. H. Quester, *The Politics of Nuclear Proliferation*; A. Robers and R. K. Guelff, *Documents on the Laws of War*; J. M. O. Sharp (Ed.), *Opportunities for Disarmament*; N. A. Sims, *Approaches to Disarmament*; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmaments*; R. W. Terchek, *The Making of the Test-Ban Treaty*; P. Wallensteen (Ed.), *Experiences in Disarmament*; M. Willrich and J. B. Rhinelanders (Eds.), *SALT: The Moscow Agreements and Beyond*; Sir Michael Wright, *Disarm and Verify*; E. Young, *A Farewell to Arms Control?*; S. Zuckerman, *Nuclear Illusion and Reality*.

IR140 International Verification
Mr Sims. Five lectures,
Michaelmas Term.

For all interested students.

Syllabus The nature of international verification and related concepts, including control, detection, inspection, investigation, safeguards and supervision. The relationship between confidence, credibility and arrangements for verification of compliance with treaty obligations. The social and legal bases of compliance. The changing debate over verification of disarmament and arms control agreements: certainty and probability; recent developments in complaint and consultation procedures; national and international controls. Disarmament and arms control verification compared with verification arrangements in selected sectors of the United Nations system: the experience of Specialised Agencies and other inter-governmental organisations. Intrusiveness, stringency and other qualities of verification procedures. The interaction of law, diplomacy and international organisation in different patterns of verification.

Recommended reading R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament*; K. Bruun, L. Pan and I. Rexed, *The Gentlemen's Club: International Control of Drugs and Alcohol*; L. Freedman, *U.S. Intelligence and the Soviet Strategic*

Threat; C. W. Jenks, *Social Justice in the Law of Nations*; A. Karkoszka, *Strategic Disarmament, Verification and National Security*; E. A. Landy, *The Effectiveness of International Supervision*; E. Luard, *International Agencies*; A. McKnight, *Atomic Safeguards: A Study in International Verification*; S. Melman (Ed.), *Inspection for Disarmament*; A. Myrdal, *The Game of Disarmament*; W. C. Potter, *Verification and SALT: The Challenge of Strategic Deception*; B. Sanders, *Safeguards Against Nuclear Proliferation*; N. A. Sims, *Approaches to Disarmament*; Stockholm International Peace Research Institute, *Chemical Disarmament: Some Problems of Verification*; Sir Michael Wright, *Disarm and Verify*; O. R. Young, *Compliance and Public Authority*.

IR141 Concepts and Issues in War Studies (post-1945)

Professor Freedman, Dr Mendl, Dr Dockrill and Dr Paskins.

Twenty-two lectures, Sessional at King's College.

For M.Sc.

Syllabus Basic strategic, ethical and civil-military relations concepts. Issues in the Nuremberg trials. Evolution of strategic doctrine and arms control measures in relation to international politics and civil-military relations. The military in politics. Technology and Strategy. Disarmament, defensive strategies and other unorthodoxies.

IR142 Current Issues in International Relations (Seminar)

Mr G. H. Stern. Lent Term.

For interested students.

A weekly discussion of international topics of current interest and the issues they raise for the academic study of international relations.

ADVANCED SEMINAR COURSES

IR150 General International Relations Seminar

Professor Strange and Professor Northedge. Sessional.

For staff and all M.Phil and Ph.D. students in International Relations.

IR151 International Relations Research Seminar

Professor Northedge.

Michaelmas Term.

For all first-year M.Phil and Ph.D. students in International Relations.

IR152 International Politics

Professor Northedge, Mr Donelan, Mr G. H. Stern, Dr Macdonald and Mr Windsor. Michaelmas Term.

For M.Sc.

This course will be taught on a seminar basis in small groups.

IR153 Foreign Policy Analysis

Dr C. J. Hill. Lent and Summer Terms.

For M.Sc.

IR154 International Political Economy Workshop

Professor Strange.

Michaelmas and Lent Terms.

For research and interested M.Sc. students.

IR155 Western International Politics

(i) Western Powers

Professor Northedge. Lent and Summer Terms.

For M.Sc. and other graduate students.

(ii) Western Europe

Professor Northedge. Lent and Summer Terms.

For M.Sc. and other graduate students.

IR156 International Politics: The Communist Powers

Mr G. H. Stern. Lent and Summer Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

IR157 Asia and the Pacific in International Relations

Dr Leifer. Lent and Summer Terms.

For M.Sc. and other graduate students.

IR158 Foreign Relations of African States

Mr Mayall and Mr Panter-Brick. Lent and Summer Terms.

For M.Sc.; M.A. Area Studies—Africa, and other graduate students.

IR159 International Politics of the Middle East

Dr Hirszowicz and Mr Windsor. Summer Term.

For research and graduate students by

IR160 International Institutions

Mr Sims. Michaelmas Term.

For M.Sc.; Dip. Int. and Comp. Pols.

IR161 European Institutions

Mr Taylor. Michaelmas and Lent Terms.

For M.Sc. and other graduate students.

IR162 External Relations of the European Community

Dr C. J. Hill. Lent Term.

For M.Sc. and other graduate students.

IR163 Theories of International Politics

Mr Donelan. Lent Term.

For research and graduate students by invitation.

IR164 Concepts and Methods of International Relations

Mr Banks. Lent and Summer Terms.

For M.Sc.

IR166 The Politics of International Economic Relations

Mr Donelan and Mr Mayall.

Lent Term.

For M.Sc. and other graduate students.

IR167 Money in the International System

Professor Strange and Professor S. Cohen. Michaelmas and Lent Terms.

For M.Sc.; Dip. Int. and Comp. Pols. and other interested students.

IR168 International Business in the International System

Professor Strange. Michaelmas and Lent Terms.

For M.Sc.; Dip. Int. and Comp. Pols. by special permission and interested students.

IR169 The International Legal Order

Dr Delupis. Lent Term.

For M.Sc.

Syllabus International law governing the individual and collective use of force; the laws of war; human rights law; C.S.C.E.; the law of the sea.

IR170 Strategic Studies

Mr Windsor and Dr Macdonald. Sessional.

For M.Sc. and other graduate students.

IR171 Disarmament and Arms Limitation

Mr Sims. Summer Term.

For all interested students.

IR172 Contemporary Strategic Issues

Professor Freedman, Dr Paskins and Dr Mendl. Fortnightly, Michaelmas and Lent Terms at King's College.

For research students.

IR173 The International Law and Organization of Latin America

Dr Parkinson (U.C.). Sessional.

For M.Sc. and other graduate students. Syllabus International order in nineteenth century Latin America. The origin and solution of territorial disputes in the area and in the Antarctic. The status of

adjacent waters. The genesis of the Western hemisphere idea. Latin America in world society: the two world wars and the "cold war". Characteristics of the foreign policies of the major Latin American powers. The concept of collective security in the League of Nations and the United Nations, and Latin America's place in it. Patterns of military co-operation during the Second World War and after: the genesis of the Rio Treaty and its incorporation in the Organization of American States. The Latin American nuclear-free zone. The Inter-American Economic and Social Council of the Organization of American States. The United Nations Economic Commission for Latin America and the Caribbean. Latin American theories of economic imperialism. The Alliance for Progress. The Latin American Free Trade Association. The Central American Common Market. The Andean Group. The River Plate and Amazon River organizations. Latin America in the world trading system. The Inter-American Development Bank. The position of individuals under international law: the status of foreigners and their property. The institution of diplomatic asylum. The Inter-American Commission of Human Rights. The status of *guerrilleros*.

Recommended reading G. P. Atkins, *Latin America in the International Political System* (1977); W. S. Barnes, "Legal Issues in Inter-American Relations" in *Texas International Law Journal* (1977); S. Clissold, *Soviet Relations with Latin America, 1918-1968* (1970); G. Connell Smith, *The Inter-American System* (1966); S. Dell, *A Latin American Common Market?* (1966); S. Dell, *The Inter-American Development Bank* (1972); F. V. Garcia Amador, "The Latin American Contribution to the Development of the Law of the Sea" in *American Journal of International Law* (1974); R. G. Hellman and H. J. Rosenbaum (Eds.), *Latin America: the Search for a New International Role* (1975); G. M. Ingram, *Expropriation of United States Property in South America* (1974); INTAL, *El proceso de integración en América Latina* (latest edition); A. Krieger Vasena and J. Pazos, *Latin America: A Broader World Role* (1973); A. L. Levin, *The OAS and the UN: Relations in the Peace and Security Field* (1974); F. Parkinson, "International Economic Integration in Latin America and the Caribbean" in *Yearbook of World*

Affairs, 1977; F. Parkinson, *Latin America, the Cold War and the World Powers, 1945-1973* (1974); A. P. Schreiber, *The Inter-American Commission for Human Rights* (1970); G. Schwarzenberger, *A Manual of International Law* (7th edn., 1977); D. B. Shea, *The Calvo Clause* (1955); B. B. Smetherman and R. M. Smetherman, *Territorial Seas and Inter-American Relations* (1975); A. Van Wynen Thomas and A. J. Thomas, *The Organization of American States* (1963).

IR174 World Politics

Professor Strange and Mr Trachtenberg. Sessional.

For Dip. Int. and Comp. Pols.

Syllabus Introduction to World Politics.

Issues and actors in World Politics:

Superpowers; medium, small and mini-states; IGO's; INGO's. The behaviour of states — the ends and means of foreign policy: intervention, coercion and alliances. Old and new forms of relationships between states: neutrality and non-alignment. Economic integration and interdependence. War and conflict. Peacekeeping and conflict resolution, arms control and disarmament. Wealth and Poverty: the evolution of the international economic order: the

problems of development and growth, aid v. trade, the North-South Dialogue, the role of international economic institutions and the New International Economic Order, commodities and the newly industrialised countries. The role of energy, technology and natural resources in World Politics. The Law of the Sea and other future regimes: population, pollution and conservation.

Recommended reading J. Burton, *World Society*; P. Calvocoressi, *World Politics since 1945*; M. Wight, *Power Politics*; W. Lewis, *The Evolution of the Economic Order*; K. Holsti, *International Politics*; J. Frankel, *International Relations in a Changing World*; F. Northedge and M. Grieve, *A Hundred Years of International Relations*; R. Mansbach, *Web of World Politics*; A. Kenwood and A. Loughheed, *The Growth of the International Economy (1820-1960)*; T. Taylor (Ed.), *Approaches and Theory in International Relations*; J. Spero, *The Politics of International Economic Relations*; B. Brodie, *Strategy in the Missile Age*; G. Allison, *Essence of Decision*; H. Jacobson, *Networks of Interdependence*; I. Claude, *Swords into Plowshares*; P. Evans, *Dependency and Development*; S. Brown, *New Forces in World Politics*; S. Brown et al, *Regimes for the Ocean. Outer Space and Weather*; D. Pirages, *The International Relations of Global Ecopolitics*; W. Brandt, *North-South: A Programme for Survival*.

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:

Gv226 West European Studies (Seminar)

Other sections and courses:

Economics (International Economics Courses)

International History

Ec255 Economic Organisation of the European Community

LL112 Public International Law

LL213 Law of International Institutions

LL214 Law of European Institutions

Languages

(English, French, German, Russian, Spanish, General Linguistics and Phonetics)

(B.Sc. (Econ.) students wishing to study a language must register with the Secretary of the department in the first week of the session. A language may be taken at Part II of the B.Sc. (Econ.) degree even if it has not been taken at Part I. Normally a good A-level in the language will be required.

Students interested in extra-curriculum language study are invited to enquire at the departmental office (room C.619) as early as possible in the session. Teachers of the languages offered in the department will be pleased to give information and advice.)

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 Linguistics

Ms Aitchison. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc., Soc. Psych.; B.Sc. (Econ.) Part II; B.A. French Studies; M.Sc.

Syllabus Scope of general linguistics. An introduction to linguistics oriented towards Chomsky's transformational-generative grammar. The aim and content of grammars. Deep and surface structure. The nature of transformations. The lexicon and meaning. Problems with transformational grammar.

Recommended reading J. Aitchison, *Linguistics*; N. V. Smith and D. Wilson, *Modern Linguistics*.

Ln100(a) Introduction to Linguistics (Class)

Twenty-five classes, Sessional.
For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. c.u. main fields Soc., Soc. Psych.; B.A. French Studies; B.Sc. (Econ.) Part II.

Ln101 Language and Mind
Ms Aitchison. Twenty lectures, Michaelmas and Lent Terms.
For B.A./B.Sc. course units Language and Mind, and Language, Mind and Society.

Syllabus The innateness question. Child language acquisition. The mental representation of grammar. Speech comprehension and production. Speech disorders.

Recommended reading J. Aitchison, *The Articulate Mammal*; J. G. De Villiers and P. A. De Villiers, *Language Acquisition*; H. H. Clark and E. V. Clark, *Psychology and Language*.

Ln101(a) Language and Mind (Class)

Ms Aitchison. Michaelmas and Lent Terms.
For B.A./B.Sc. course units Language and Mind, and Language, Mind and Society.

Ln102 Language and Society

Ms Aitchison. Five lectures, Lent and Summer Terms.

For B.A./B.Sc. course unit Language, Mind and Society.

Syllabus The reflection of social stratification in linguistic structures. Language variation and the mechanism of linguistic change. Pidgins and Creoles.

Recommended reading P. Trudgill, *Sociolinguistics*; W. Labov, *Sociolinguistic Patterns*; R. Hall, *Pidgin and Creole*

Languages; J. Aitchison, *Language Change*.

Ln102(a) Language and Society (Classes)

Ms Aitchison. Five classes, Lent and Summer Terms.

Ln103 Language, Mind and Society

Ms Aitchison. Fortnightly, Sessional. Intercollegiate seminar at University College. For interested students.

Ln104 Language Change

Ms Aitchison and Dr Bynon. Sessional.

For interested students. Intercollegiate Course given at University College or S.O.A.S.

FRENCH

Ln201 The Development of Modern French

Dr George. Sessional.
For B.A. French Studies 2nd yr.

Ln201(a) Classes

Dr George. Sessional.
For B.A. French Studies 2nd yr.

Ln203 History of Ideas in France from 1815 to the Present Day

Lecturer to be announced. Sessional.

For B.A. French Studies 2nd yr.
Syllabus A study of the changing intellectual climate in France in the 19th and 20th centuries.

Recommended reading to be announced.

Ln203(a) Classes

Sessional.
For B.A. French Studies 2nd yr.

Ln204 Literature in France in the 19th and 20th Centuries

Dr Green. Twenty-five lectures, Sessional.

For B.A. French Studies 2nd yr.
Syllabus A study of novels, poetry and drama of the main literary movements in France in the 19th and 20th centuries. **Recommended reading** will be given during the course.

Ln204(a) Classes

Dr Green. Twenty-five classes, Sessional.

For B.A. French Studies 2nd yr.

Ln205 Nineteenth and Twentieth Century French Literature and Thought (Seminar)

Dr Green. Fortnightly, Sessional.

For B.A. French Studies 2nd yr.

Ln208 French Essay and Translation (Classes)

Sessional.

For B.A. French Studies 2nd yr.

Ln209 Oral French (Classes)

Sessional.

For B.A. French Studies 2nd yr.

Ln210 French Essay and Translation (Classes)

Sessional.

For B.A. French Studies 4th yr.

Ln211 Oral French (Classes)

Sessional.

For B.A. French Studies 4th yr.

Ln212 French Contemporary Texts, Translation and Discussion (Class)

Dr George. Sessional.

For B.Sc. (Econ.) Part I.

Ln213 French Essay and Translation (Classes)

Dr George. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

Ln214 French Essay and Translation (Classes)
Dr George. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln215 Contemporary French Texts I (Class)
Dr Green. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

Ln216 Contemporary French Texts II (Class)
Dr Green. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln217 French Thought in the Twentieth Century
Lecturer to be announced. Sessional.
For B.A. French Studies 4th yr.
Description of course An outline of French philosophy since the beginning of the twentieth century, with special reference to Bergson, Sartre, Bachelard and aspects of Structuralism.
Recommended reading to be announced.

Ln217(a) Classes
Lecturer to be announced. Sessional.

Ln218 The French Language in the Twentieth Century
Dr George. Sessional.
For B.A. French Studies 4th yr.

Ln218(a) Classes
Dr George. Sessional.

Ln219 French Theatre of the Avant-garde
Dr Green. Twenty-five lectures, Sessional.
For B.A. French Studies 4th yr.
Description of course A study of modern French drama, with special reference to texts by Artaud, Adamov, Ionesco, Beckett and Genet.

Ln219(a) Class
Dr Green. Twenty-five classes, Sessional.

Ln220 History of France since 1870
Lecturer to be announced. Sessional.
For B.A. French Studies 2nd yr.; LL.B. with French Law.
Description of course The main lines of social and political development to the present day.
Recommended background reading to be announced.

Ln220(a) Classes
Sessional.

Ln221(i) French Class
Dr George. Twenty-five classes, Sessional.
For LL.B. with French Law 1st yr.

Ln221(ii) French Class
Dr George. Twenty-five classes, Sessional.
For LL.B. with French Law 2nd yr.

SPANISH

Ln301 Spanish Translation I (Class)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.

Ln302 Spanish Contemporary Texts and Discussion I (Class)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.
Description of course Close study of texts selected mainly for their social and political significance and linguistic interest. Articles from quality newspapers such as *El País* will figure prominently.
Recommended background reading G. Brenan, *The Literature of the Spanish People*; J. García López, *Historia de la literatura española*; R. Carr, *Modern Spain 1875-1980*; F. Díaz-Plaja, *Otra Historia de España*.

Ln303 Spanish Translation and Linguistic—Commentary II (Class)
Mr Gooch. Sessional.
For B.A. French Studies 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

Ln304 Spanish Contemporary Texts and Discussion II (Class)
Mr Gooch. Sessional.
For B.A. French Studies 2nd yr.; B.Sc. (Econ.) Part II.

Ln305 Selected Nineteenth and Twentieth Century Spanish Authors
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.
Description of course Study of the work of novelists such as Pérez Galdós, Alas, Valle-Inclán, Cela, Delibes, Martín Santos and J. Goytisolo; of essayists such as Ortega y Gasset and Marias; of dramatists such as Lorca and Buero Vallejo. Specifically political writers like Azaña will be included.
Recommended background reading G. Torrente Ballester, *Panorama de la literatura española contemporánea*; E. de Nora, *La novela española contemporánea*; D. L. Shaw and G. G. Brown, *Benn Literary History of Spain* (Nineteenth and Twentieth Centuries).

Ln306 Spanish Special Subject: The Spanish Language in the Twentieth Century
Mr Gooch. Sessional.
For intercollegiate students.
Description of course Advanced aspects of *Phonology*, *Grammar*, *Lexicology* and *Semantics*. Under *Grammar* specialised knowledge will be required of such topics as the inter-relation of the ethnic dative and reflexive, the *ser/estar* dichotomy, prepositional structure and idiomatic usage of number. Under *Lexicology* and *Semantics* detailed study will be required of word-formation, adjectival and adverbial usage, the concepts of field, range, synonymy, register, and other linguistic phenomena. The language of politics will be given special attention. Close analysis will be required of exacting

texts selected from modern authors.
Note: Other special subjects, taught at different Colleges of the University, are also available.

GERMAN

Ln400 German Translation I (Class)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.

Ln401 German Translation II (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

Ln402 German Translation III (Classes)
Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln403 German Discussion and Essay I (Class)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.

Ln404 German Essay and Discussion II (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln405 German Discussion and Essay III (Class)
Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

RUSSIAN

Ln505 Russian Grammar Revision (Class)
Dr Johnson. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.

Ln506 Translation and Oral Practice I (Class)
Mrs Chambers. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln507 Translation and Oral Practice II (Class)
Mrs Chambers. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln508 Translation and Oral Practice III (Class)
Mrs Chambers. Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln509 Russian Composition I (Class)
Dr Johnson. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 2nd yr.

Ln510 Russian Composition II (Class)
Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 2nd yr; B.A. French Studies 2nd yr.

Ln511 Russian Composition III (Class)
Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln512 Aspects of Russian Literature (Class)
Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

Ln513 Russian Language (Beginners) (Classes)
Dr Johnson and Mrs Chambers. 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)
Dr Johnson and Mrs Chambers. 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
Professor Chapman. Twenty lectures, Michaelmas and Lent Terms.

For students whose native language is not English.

Syllabus The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The verb; questions and negative statements; use of the tenses, auxiliaries; subject and object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.

Recommended reading O. Jespersen, *Essentials of English Grammar*; C. L. Wrenn, *The English Language*; S. Potter, *Our Language*; G. H. Vallins, *The Pattern of English*; C. Barber, *Linguistic Change in Present-Day English*; F. T. Wood, *English Colloquial Idioms*; G. Leech and J. Svartvik, *A Communicative Grammar of English*; W. H. Mittens, *A Grammar of Modern English*; *Collins English Dictionary*.

Ln600(a) English as a Foreign Language (Class)
Professor Chapman and others. In connection with Course Ln600.

Admission will be by permission of Professor Chapman who will allocate students to suitable groups.

Ln601 English Speech
Professor Chapman. Five lectures, Michaelmas Term.

For students whose native language is not English, though this course may be of value to other students.

Syllabus Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*; J. W. Lewis, *A Concise Pronouncing Dictionary of British and American English*.

Ln602 Written English
Professor 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
(In 1982-83 period (i) will be offered.)

Professor Chapman. Sessional.
For B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II.
Syllabus Study of the principal authors of the period, with special attention to those whose work expressed the concerns of social and political thinking and movements. Students will need to know something of the history of the period and to read works by the authors studied in the light of this background.

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

COMPULSORY SUBJECTS

LL100 Public Law. Elements of Government

Professor Griffith, Dr Harlow, Mr Rawlings and others. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate; Optional for Dip. Soc. Pol. and Admin.; B.Sc. S.S. and A. 2nd yr.

Syllabus (1) *The special characteristics of public law in England.*

(2) *The institutions of government:*

(a) The Prime Minister, the Cabinet, the central government departments. The civil service. Political parties.

(b) Local authorities: their staff.

(c) Public corporations: their staff.

(d) Parliament: its composition, functions and privileges. Ministerial responsibility. Elections.

(e) The Judiciary: its constitutional position.

(3) *The process of government:*

The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative.

The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills. The judicial process: its characteristics. The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading T. C. Hartley and J. A. G. Griffith, *Government and Law*; J. A. G. Griffith, *The Politics of the Judiciary*; J. P. Mackintosh, *The Government and Politics of Britain*; The *British Cabinet*; G. Wilson, *Cases and Materials on Constitutional and Administrative Law*; S. A. de Smith, *Constitutional and Administrative Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; R. F. V. Heuston, *Essays in Constitutional Law*; R. Miliband, *The State in Capitalist Society*; *Marxism and Politics*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; B. R. Crick, *The Reform of*

Parliament; R. T. McKenzie, *British Political Parties*; L. S. Amery, *Thoughts on the Constitution.*

Students should consult the latest editions of these books.

LL100(a) Twenty-four Classes

LL101 Law of Contract

Mr I. G. F. Karsten, Mr Nicol and Mr Rawlings. Forty-two 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.

LL101(a) Twenty-four Classes

LL102 Law of Property I

Dr S. A. Roberts, Mr Bradley, Mr W. T. Murphy and Mr Green. Forty-four lectures, Sessional.

For LL.B. Intermediate.

Syllabus General introduction: nature and functions of property law; types of property and of property right; comparisons with property systems in other societies.

Chattels: the nature of title to chattels; the protection and transfer of interests in chattels.

Land: the nature of interests in land; historical introduction to the land law down to 1925; reasons for and effects of 1925 legislation; estates; landlord and tenant; trusts of land, including co-ownership; easements, covenants, mortgages; the registration of title.

Recommended reading R. H. Maudsley and E. H. Burn, *Land Law: Cases and Materials*; R. E. Megarry, *Manual of Real Property*; G. E. Cheshire, *Modern Law of Real Property*; K. J. Gray and P. D. Symes, *Real Property and Real People.*

FURTHER REFERENCE: F. H. Lawson, *The Law of Property*; A. W. B. Simpson, *Introduction to the History of Land Law*; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*; A. Offer, *Property and Politics*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; F. A. von Hayek, *The Road to Serfdom.* Students should consult the latest editions of these books.

LL102(a) Twenty-four Classes

LL103 The Law-Making Process

Professor Zander. Ten lectures, Michaelmas Term.

For LL.B. Intermediate; B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc., Man. Sci.

Syllabus

(a) *Making the law:* sources of law; custom; precedent; statutes and statutory

interpretation.

(b) *Changing the law:* the machinery of law reform; codification.

Recommended reading G. L. Williams, *Learning the Law.*

Prescribed book M. Zander, *The Law-Making Process.*

LL103(a) Classes

Ten classes, Michaelmas Term. For LL.B. Intermediate.

LL103(b) Classes

Ten fortnightly classes, Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Soc., Man. Sci.

LL104 Law and the Social Sciences

Dr S. A. Roberts and Mr W. T. Murphy. Ten lectures, Michaelmas Term.

For LL.B. Intermediate.

Syllabus Ways of looking at law; the relation of legal theory to social theory.

(i) The problem of order; conflict and dispute processes.

(ii) The treatment of law in social theory—the external view.

(iii) Lawyers' theories of law—the internal view.

Recommended reading will be given during the course.

LL104(a) Classes

Ten classes, Michaelmas Term.

LL105 Courts and Litigation

Professor Zander. Twenty-six lectures, Lent and Summer Terms.

For LL.B. Intermediate.

Syllabus

(a) *The Courts:* their structure, organization, jurisdiction. Tribunals.

(b) *Pre-trial:*

(1) Civil: interlocutory proceedings, pleadings, delay.

(2) Criminal: investigation of crime by the police: the Judges' Rules; police powers of search; arrest; bail.

(c) *The Trial:* proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal

trials; rules of evidence. The jury. Remedies; enforcement of judgments. The appeal process. The costs of litigation; legal aid; right to counsel.

(d) *The legal profession*; judges, barristers and solicitors.

PRESCRIBED BOOK: M. Zander, *Cases and Materials on the English Legal System*.

LL105(a) Classes

Thirteen classes, Lent and Summer Terms.

LL106 Law of Tort

Mr I. G. F. Karsten, Mr Bradley and Dr Fulbrook.

Forty-five lectures, Sessional.

For LL.B. Part I; LL.B. with French Law.

Syllabus Introduction

An examination of the interests protected by the law of tort and of the basis of liability. The efficiency of the law of tort as a means of compensation for personal injuries: an examination of alternative schemes of compensation.

Intentional torts to persons and property

(a) Trespass to the person; the relation between trespass and negligence. Assault. Battery. False imprisonment. *Wilkinson v Downton*. A comparison with malicious prosecution.

(b) Trespass to land.

(c) General defences to intentional torts. *Negligent invasions of interests in persons and property*

(a) Negligence generally. *Donoghue v. Stevenson*. The elements of the tort of negligence. The standard of care. Damage to the plaintiff. The duty of care.

(b) Particular aspects of the duty of care:

- (i) General
- (ii) Omissions
- (iii) Statements
- (iv) Lawyers
- (v) Arbitrators
- (vi) Landlords
- (vii) Economic Loss
- (viii) Nervous Shock

(c) Contributory negligence

(d) *Volenti non fit injuria*

(e) Occupiers' liability

(f) Remoteness of damage

Invasions of interests in persons and property where intentional or negligent conduct need not always be proved.

(a) Nuisance

(b) *Rylands v. Fletcher*.

Interference with economic interests and defamation.

(a) Interference with contract

(b) Conspiracy

(c) Intimidation

(d) Defamation

General topics

Vicarious liability. Action for breach of statutory duty.

Students will be expected to show knowledge of the related parts of the law of Contract and Property.

Recommended reading TEXTBOOKS: J. W. Salmond, *The Law of Torts*; H. Street, *The Law of Torts*; P. H. Winfield and J. A. Jolowicz, *Law of Tort*; J. G. Fleming, *Introduction to the Law of Torts*.

FURTHER READING: P. S. Atiyah, *Accidents, Compensation and the Law*; J. G. Fleming, *The Law of Torts*; B. A. Hepple and M. H. Matthews, *Tort: Cases and Materials*; J. A. Weir, *Casebook of Torts*; C. A. Wright, *Cases on the Law of Torts*.

Students should consult the latest editions of these books.

LL106(a) Twenty-four Classes

LL107 Criminal Law

Dr Hall Williams, Ms Temkin and Dr Leigh. Twenty-three seminars, Sessional.

For LL.B. Part I; LL.B. with French Law; Dip. Criminal Justice.

Syllabus A. *General Principles of Responsibility*.

The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence.

Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences. *Specific Problems of Responsibility*. Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability.

B. *Specific Crimes: Legal Definition and Social Pathology*.

The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the

use of the criminal law as a means of social control.

C. *Introduction to Criminology*.

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading BASIC TEXTBOOKS: J. C. Smith and B. Hogan, *Criminal Law; Cases and Materials*; P. A. Jones and R. Card, *Introduction to Criminal Law; Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*; Glanville Williams, *Textbook of Criminal Law*.

FURTHER READING: J. C. Smith, *The Law of Theft*; E. Griew, *The Theft Act, 1968*; W. O. Russell, *Crime* (Ed. J. W. C.

Turner); G. L. Williams, *Criminal Law: The General Part; The Mental Element in Crime*; N. R. Morris and C. Howard, *Studies in Criminal Law*; J. Ll. J.

Edwards, *Mens Rea in Statutory Offences*;

C. Howard, *Strict Responsibility*; A. Goldstein, *The Insanity Defense*; B.

Wootton, *Crime and the Criminal Law*;

The Butler Committee Report on Mentally Abnormal Offenders (Cmnd.

6244), October 1975. Law Commission and Criminal Law Revision Committee Reports, especially on Theft, Conspiracy,

Mens Rea and Offences against the Person.

Students should consult the latest editions.

LL108 Jurisprudence

Mr Bishop and others. Thirty-two lectures and ten seminars, Sessional.

For LL.B. Part II; Pre-Law Semester and yr.

Syllabus 1. Natural law. Classical and modern theories: the social contract, law and morals, obedience to law.

2. Utilitarianism and Constitutionalism; judges and politics.

3. Liberty and obligation.

4. Punishment.

5. Theories of interests. Sociological theories and consensus.

6. Marxist theories of law, State and revolution, development of communist law. Conflict. Anarchy.

7. Imperative theories of law. Positivism: will, sanction, duty, sovereignty, command.

8. Theories of law. The pure theory and the science of law; the basic norm and the rule of recognition; primary and secondary rules; normative language.

9. Predictive theories of law. The judicial process.

10. Psychological theories of law: law as fact.

11. Analytical positivism.

12. Legal terminology. Rights and duties.

Recommended reading will be given during the course.

LL108(a) Twenty-four Classes

WHOLE SUBJECT OPTIONS

LL110 Law of Property II

Mr W. T. Murphy, Mr Green and Mr Nobles. Forty-five lectures, Sessional.

For LL.B. Parts I and II.

Syllabus The general principles of the law of trusts: the formation of private,

charitable, implied, resulting and constructive trusts. The administration of a trust. Duties and discretions of trustees.

Breach of trust and remedies therefor.

Variation of trusts. The general nature of equitable principles and remedies. The trust as a wealth accumulation device.

The trust as a tax-avoidance device.

Recommended reading D. B. Parker and A. R. Mellows, *The Modern Law of Trusts*; R. H. Maudsley and E. H. Burn,

Cases and Materials on Trusts and Trustees; J. A. Nathan and O. R.

Marshall, *Cases and Commentary on the Law of Trusts*.

Students should consult the latest editions of these books.

LL110(a) Twenty-four Classes

LL111 Law of Evidence

Dr Hall Williams. Twenty-five seminars, Sessional.

For LL.B. Parts I and II.

Syllabus 1. Form of trial at Common Law: influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.

2. What may be proved: (i) facts in issue; (ii) facts probative of facts in issue; (iii) facts relevant to reliability and credibility;

(iv) facts conditioning admissibility.

3. Rational basis of proof: direct and inferential proof; validity and limitations of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae*.

4. Incidence of proof: burdens; presumptions and standard of proof.

5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Acts 1898 and 1979; corroboration. (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution, extrinsic evidence. (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.

6. Exclusion of unreliable evidence: (i) best evidence rule; (ii) opinion; (iii) hearsay and its exceptions, including further consideration of *res gestae*.

7. Exclusion of evidence on grounds other than reliability: (i) privilege; (ii) state interest; (iii) judicial control of police investigation; confessions and the Judges' Rules; illegally obtained evidence; (iv) identification evidence.

8. Facts which need not be proved: (i) judicial notice; (ii) formal admissions.

9. Facts which cannot be proved: estoppels, by record, deed and in pais. **Recommended reading** TEXTBOOKS: D. W. Elliott, *Phipson's Manual of the Law of Evidence*; R. Cross, *Evidence*; J. D. Heydon, *Cases and Materials on Evidence*; P. Devlin, *Trial by Jury*.

FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*; J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.

FOR REFERENCE: S. L. Phipson, *The Law of Evidence*; J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence*.

Students should consult the latest editions of these books.

LL112 Public International Law

Professor Higgins and Dr Weiss. Forty lectures,

Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus *Introduction*: Nature and basis of international law; historical, sociological and political context; doctrinal controversies and schools of thought; the basis of obligation and place of sanctions. *Sources of International Law*: What makes international law; sources and evidences; law creating processes; developing international law; international law and municipal law.

Participants in the International legal System: States, their creation, recognition and international representation. Governments, problems of recognition; foreign offices. International Organisations, international personality. Individuals, their position and status in international law.

Title of Territory: Acquisition of title; component parts; land, outer space, territorial waters, continental shelves; access to resources beyond state-territory; rights of passage; boundary claims.

Nationality: Authority to ascribe nationality; nationality of individuals and corporations.

Jurisdiction: The bases of asserting jurisdiction over persons and events; limitations and controversies; state immunity to jurisdiction; diplomatic and consular immunities; act of state.

State Responsibility: General principles; procedures; admissibility of claims; nationality; local remedies rule.

Treatment of Aliens: Duties owed to aliens; admission, expulsion, human rights standards; permissible and impermissible discriminations; permanent sovereignty over natural resources and the question of expropriation.

Treaties: International agreements generally: their formation, validity, interpretation, termination and amendment.

International Claims: The legal interest of the state, nationality of claims, local remedies, Calvo clauses; problems of the individual.

Dispute Settlement: Concept of a dispute; justiciability; chapter 6 of the U.N.

Charter; judicial settlement and arbitration; the International Court.

The Use of Force: Self defence, aggression, coercion, reprisals, self-help, humanitarian intervention, armed struggle for self determination.

Recommended reading PRELIMINARY READING: J. L. Brierly, *The Basis of Obligation and other essays*; Fawcett, *Law of Nations*; L. Henkin, *How Nations Behave* (2nd edn.).

TEXTBOOKS: I. Brownlie, *Principles of International Law* (3rd edn.); Akehurst, *A Modern Introduction to International Law* (3rd edn.); Sorensen, *Manual of Public International Law*.

CASEBOOKS AND MATERIALS: D. Harris, *Cases and Materials in International Law*; H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (3rd edn.); I. Brownlie, *Basic Documents in International Law* (2nd edn.); *International Legal Materials* (quarterly).

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; H. Lauterpacht, *The Development of International Law by the International Court*; D. P. O'Connell, *International Law*, 2 Vols.; C. Parry, *The Sources and Evidences of International Law*; G.

Schwarzenberger, *The Frontiers of International Law*; D. W. Bowett, *The Law of the Sea*; R. Y. Jennings, *The Acquisition of Territory*; D. H. N.

Johnson, *Rights in Air Space*; F. Vallat, *International Law and the Practitioner*; R. Higgins, *Conflict of Interests—International Law in a Divided World*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Yearbook of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *Recueil des Cours, Academie de Droit International de la Haye*; *The Yearbook of World Affairs*.

LL112(a) Twenty-four Classes

LL112(b) Fortnightly Classes Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u.

LL113 Conflict of Laws

Mr Hartley and Mr I. G. F.

Karsten. Sessional.

For LL.B. Parts I and II.

Syllabus

General: Introduction; domicile; theories of choice of law; procedure and proof of foreign law; characterization; renvoi; the incidental question; public policy.

Jurisdiction and Foreign Judgements:

Service in England; service outside England; choice of jurisdiction clauses; *forum non conveniens*; *lis alibi pendens*; enforcement of foreign judgements; Convention on Jurisdiction and the Enforcement of Judgements in Civil and Commercial Matters.

Contract: The proper law doctrine; express choice of law; implied choice of law; closest and most substantial connection; Convention on the Law Applicable to Contractual Obligations.

Torts: Traditional rules; modern theories; American doctrines; place of commission of a tort.

Family Law: Formal and essential validity of marriage; polygamy; divorce jurisdiction; recognition of foreign divorces; nullity jurisdiction; recognition of foreign nullity decrees; children.

Property: movables and immovables; assignment of movables; matrimonial property.

Succession: Intestate succession; formal and essential validity of wills; construction; administration of estates.

Recommended reading G. C. Cheshire, *Private International Law*; J. H. C. Morris, *Conflicts of Laws*; J. H. C. Morris, *Cases on Private International Law*.

REFERENCE: A. V. Dicey and J. H. C. Morris, *Conflict of Laws*; Sir Otto Kahn-Freund, *Principles of Private International Law*.

Students should consult the latest editions of these books.

LL113(a) Conflict of Laws Seminar Sessional.

LL114 Mercantile Law: Sales, Agency and Consumer Credit

Mr Nicol. Forty lectures,
Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus *Sales*—All aspects of sale of goods, but particularly implied terms and consumer protection legislation, the

passing of property in goods and the acquisition of title by non-owners, remedies of buyer and seller.

International Sales—introduction to c.i.f. and f.o.b. contracts, bills of lading and documentary letters of credit.

Agency—an agent's authority—how it can be acquired, used and lost. The rights, responsibilities and remedies of agents and principals *inter se* and towards third parties.

Consumer Credit—common law background and Consumer Credit Act with particular emphasis on hire purchase and conditional sales.

Recommended Preliminary Reading

G. Borrie and A. Diamond, *The Consumer Society and the Law*. Chapters in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*, (Chapter on Agency); Ross Cranston, *Consumer and the Law* (Weidenfeld and Nicholson, Law in Context Series).

TEXTBOOKS: P. S. Atiyah, *The Sale of Goods*; D. W. Greig, *Sale of Goods*; C. M. Schmitthof, *Export Trade* (2nd edn.); G. H. L. Fridman, *Fridman's Law of Agency*; Goode, *The Consumer Credit Act, A Student's Guide*.

REFERENCE: M. D. E. S. Chalmers, *Sale of Goods*; Guest (Ed.), *Benjamin's Sale of Goods*; Miller and Lovell, *Product Liability*; Ross Cranston, *Regulating Business*; W. Bowstead, *The Law of Agency*; R. Powell, *The Law of Agency*, 1961; S. J. Stoljar, *The Law of Agency*, 1961; Markesinis and Munday, *An Outline of the Law of Agency*; Report of the Committee on Consumer Credit, *The Crowther Report* (Cmnd. 4596), 1971; Guest and Lomnicka, *An Introduction to the Law of Credit and Security*; Ison, *Credit Marketing*; National Consumer Council, *Consumers and Credit*; Sweet and Maxwell's *Commercial Law Statutes*. Students should consult the latest editions of these books.

Copies of Sale of Goods Act, 1979, the Factors Act, 1889, the Misrepresentation Act, 1967, the Supply of Goods (Implied Terms) Act, 1973, the Consumer Credit Act, 1974, and the Unfair Contract Terms Act, 1977 may be taken into the examination.

LL114(a) Twenty-four Classes

LL115 Labour Law

Professor Lord Wedderburn and

Mr Simpson. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus The scope, sources, context and institutions of Labour Law.

The legal basis in the contract of employment: the problem of distinguishing employees from other workers. Formation of the contract; its structure—express and implied terms. Written statement of terms and procedures affecting employment. Statutory and common law regulation of rights and obligations of employer and employee: pay—protective legislation and guarantee pay; hours; holidays; sickness, sick pay. Employee's common law duties and disciplinary powers of management. Termination of employment: minimum notice entitlement; remedies for breach of contract at common law; redundancy; unfair dismissal.

Equal pay and sex discrimination—maternity rights. Racial discrimination. Collective bargaining and the law: the right to organise—the closed shop; recognition of trade unions; disclosure of information for bargaining.

Collective agreements and their legal framework: their relationship to the contract of employment. Fair wages resolution and legislation. Other legislation concerning the structure and effects of collective bargaining.

Trade unions: legal status and structure; legal regulation of internal management—member's rights (including admission and expulsion); inter-union relations; political activities.

The legal aspects of industrial disputes—strikes, lock-outs and other industrial action; picketing; criminal and civil liability for acts done in connection with trade disputes; the effect of legislation; the impact of trade disputes on social security law; emergencies. Conciliation, arbitration and inquiry—voluntary and statutory machinery; role of the Advisory Conciliation and Arbitration Service.

Recommended reading B. A. Hepple and P. O'Higgins, *Employment Law* (reprinted as Part 1, *Encyclopaedia of Labour Relations Law*); O. Kahn-Freund, *Labour and the Law*; B. A. Hepple, P. O'Higgins and Lord Wedderburn of Charlton, *Labour Relations Statutes and Materials*; P. Wallington, *Butterworth's Employment Law Handbook*; P. Davies and M. Freedland, *Labour Law Text and*

Materials; Employment Acts 1980 and 1982; Lewis and Simpson, *Striking a Balance? Employment Law after the 1980 Act*; K. W. Wedderburn, *The Worker and the Law*; R. W. Rideout, *Principles of Labour Law*; Report of Royal Commission on Trade Unions and Employers' Associations, Cmnd. 3623; W. Brown (Ed.), *The Changing Contours of Industrial Relations*; Lord Wedderburn, R. Lewis and J. Clark (Eds.), *Labour Law and Industrial Relations*; *Trade Union Immunities*, Cmnd. 8128; C. Grunfeld, *Law of Redundancy*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; R. Kidner, *Trade Union Law*; A. Flanders, *Trade Unions*; W. J. McCarthy and N. D. Ellis, *Management by Agreement*; S. and B. Webb, *The History of Trade Unionism*; Clerk and Lindsell on *Torts* (15 ed., 1982), chap. 11; R. Greenhalgh, *Practice of Industrial Tribunals*; N. Citrine, *Trade Union Law*; C. Grunfeld, *Modern Trade Union Law*; I. T. Smith and J. C. Wood, *Industrial Law*; P. Elias, B. Napier and P. Wallington, *Labour Law Cases and Materials*; M. Freedland, *The Contract Employment*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in 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*; O. Kahn-Freund, *Selected Writings* chapter 1; R. Lewis, "Historical Development of British Labour Law" in *British Journal of Industrial Relations*, March 1976; Lord Wedderburn of Charlton, "The New Structure of Labour Law in Britain" in *Israel Law Review*, October 1978; Lord Wedderburn of Charlton, "Industrial Relations and the Courts" in *Industrial Law Journal*, June 1980; 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*; O. Kahn-Freund, *Selected Writings* (Part I). Students should consult the latest editions of these books.

LL115(a) Twenty-four Classes

LL116 Domestic Relations

Mr Bradley, Mr Rawlings and Dr S. A. Roberts. Michaelmas

and Lent Terms.

For LL.B. Parts I and II.

Syllabus (a) Introduction: the functions and development of domestic relations law; scope of the protective jurisdiction; alternatives to discretionary regulation: contracts between spouses and between unmarried cohabitants; procedure and institutions.

(b) Legal marriage: recognition of alternative institutions: polygamous marriages; marriage between affines, transsexual capacity; unmarried cohabitation; illegitimate children; adoption.

(c) Legal intervention during marriage: 'support' for marriage: conciliation and reconciliation; youthful marriages, the three year bar on divorce; financial provision during marriage; assessment of maintenance in small income cases, links with public support schemes; the developing law of matrimonial property; ownership, control and occupation rights; co-ownership schemes; treatment of domestic and other violence; injunctions.

(d) Marriage breakdown: issues of divorce law reform; implementation of Part II Matrimonial Causes Act 1973, financial provision and property adjustment on divorce and death; children in divorce; the concept of custody; principles and procedure for the resolution of custody disputes; children caught between two parties; access, adoption and change of name.

(e) Aspects of the law relating to children; independence of children in disputes between their parents; representation of children; wardship; control of local authorities.

BASIC TEXTS: J. Eekelaar, *Family Law and Social Policy* (1978); S. M. Cretney, *Principles of Family Law* (3rd edn.) 1979; P. M. Bromley, *Family Law* (6th ed.) 1981; O. M. Stone (Ed.), *Family Law Statutes* (3rd edn.) 1981, Sweet and Maxwell.

A detailed reading list with references to relevant source material will be distributed during the course.

LL116(a) Twenty-four Classes

LL117 The Law of Business Associations

Mr Chaikin. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Outline:

This course considers the main legal principles governing the various types of enterprises carrying on business in England. It will cover the main incidents of the law of partnership and registered corporations. It will also refer briefly to other special types of associations such as unincorporated associations, unit trusts, insurance companies and Trustee Savings Banks.

The student is not expected to master all the technical aspects of the growing body of companies legislation but rather to gain an understanding of and critical perspective of the core principles of this subject. You will find that the course is heavily laced with the principles of the law of agency and those developed by the equity courts on the obligations of fiduciaries.

Syllabus:

1. *Partnership*

The nature of partnership; relation of partners externally and inter se; partnership property; dissolution of partnership.

2. *Basic Company Law*

(a) Introduction to history of company law and company law reform. Company administration.

(b) Types of companies and their function; the process of incorporation; preincorporation contracts; corporate personality.

(c) Constitution; the doctrine of ultra vires; the contract in the articles; the distribution of power in a company, the liability of the company in contract, tort and crime.

(d) Duties of directors; fraud on the minority; class rights.

(e) Company finance—classes of securities; floating charges; maintenance of capital; regulation of public offers.

(f) Reconstructions, mergers, winding up and takeovers.

(g) Enforcement of company law; investigations.

Note: Company law will account for eighty per cent of this course. Students may take into the examination copies of the Partnership Act, 1890 and the Companies Acts, 1948–1981.

Recommended reading J. F. Northey and L. H. Leigh, *Introduction to Company Law*; L. C. B. Gower, *Modern Company Law*; Underhill's *Principles of the Law of Partnership*; L. S. Sealy, *Cases and Materials on Company Law*; H. R. Hahlo,

Casebook on Company Law; Butterworths *Company Law Handbook. The Company Lawyer* (periodical).

LL117(a) Twenty-four Classes

LL118 Local Government Law

Professor Griffith. Twelve

lectures to be given on special dates in the Michaelmas Term.

For LL.B. Parts I and II.

Syllabus The nature of local government.

The development of local government in England and Wales since 1834. The structure of local authorities. The movement for reform in greater London and elsewhere. The financing of local government. The local government franchise. The composition of local authorities. The committee system and the position of local government officers. The administrative, legislative and judicial powers and procedures as they affect the housing, town and country planning, and education functions of local authorities.

Judicial review of administrative action as it affects local authorities. The criminal, contractual and tortious liability of local authorities. The doctrine of *ultra vires*.

Recommended reading BASIC TEXTBOOKS: W. O. Hart, *Introduction to the Law of Local Government and Administration* (9th edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.) and *A Casebook of Administrative Law*.

ADDITIONAL READING: S. A. de Smith, *Judicial Review of Administrative Action* (4th edn.); C. A. Cross, *Principles of Local Government Law* (5th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis*; H. W. R. Wade, *Administrative Law* (4th edn.); J. F. Garner, *Administrative Law* (4th edn.).

GOVERNMENT PUBLICATIONS: Report of Royal Commission on Local Government in Greater London (1960); Report of Committee on the Management of Local Government (1967); Report of Committee the Staffing of Local Government (1967); Report of Royal Commission on Local Government in England (1969); Report of Committee on Administrative Tribunals and Enquiries (Cmd. 218, 1957) etc.

Note This course is primarily conducted through individual meetings and the

supervision of the writing of a 12,000 word essay.

LL118(a) Twenty Classes

LL119 International Protection of Human Rights

Students wishing to take this subject are referred to course LL.226. They should either already have taken, or be simultaneously taking, Public International Law or the Law relating to Civil Liberties.

Preliminary enquiry should be made before choosing this option. LL.B. students will cover a slightly shortened syllabus.

LL120 Basic Principles of Soviet and Yugoslav Legal Systems

Professor Lapenna. Twenty-five lectures, Sessional.

For LL.B. Parts I and II; Pre-Law yr.; B.Sc. (Econ.) Part II.

Syllabus I. *Introduction*. Marxist concept of state and law as ideological foundation of the state organization and the legal system. Impact of Roman Law and influences of pre-revolutionary "bourgeois" law as reflected in some legal notions. The role of legal traditions and local customs. Systems: legal branches and institutions; codes, statutes and other sources; legislative machinery; the question of hierarchy of legal acts and the concepts of "socialist legality".

II. *Main Features of the Constitutional Structure*. State ("social") property as basis of the economic organization; unity of power; legal status of the Communist Party; Soviets, councils and the Yugoslav commune; national and state sovereignty; federalism; human rights in theory and practice; constitutional courts in Yugoslavia.

III. *Legal Aspects of Economic Relations*. Forms of ownership (state, "social", co-operative, *Kolkhoz*, by social organizations, personal, private); legal personality; the role of juristic persons; contracts and torts; planning: state economic plan as opposed to the Yugoslav "social" plan.

IV. *Fundamentals of Criminal Legislation*. Crime as a social phenomenon; the system of the codes; material and formal definition of crime; criminal liability; juvenile delinquency; types of crime, especially crimes against the state, official

crimes and economic crimes; rights of the accused in criminal proceedings; system of punishments; correction of offenders; educational measures, social pressure; administrative penalties.

V. *Settling Disputes*. Courts, state and departmental *arbitrazh*, economic courts (in Yugoslavia), arbitration courts, comrades courts, proceedings in labour disputes; the legal profession: judges, procurators, public prosecutors (in Yugoslavia), advocates, notaries, juriconsults, social attorneys (Yugoslavia).

Recommended reading H. J. Berman, *Justice in the U.S.S.R.*; M. Cain and A. Hunt, *Marx and Engels on Law*; V. M. Chkhikvadze (Ed.), *The Soviet State and Law*; A. G. Chloros, *Yugoslav Civil Law*; J. N. Hazard, *Communists and Their Law*; E. L. Johnson, *An Introduction to the Soviet Legal System*; I. Lapenna, *State and Law*; *Soviet and Yugoslav Theory*; *Soviet Penal Policy*; *Marxism and the Soviet Constitutions*; P. S. Romashkin, *Fundamentals of Soviet Law*; R. Sharlet, *The New Soviet Constitution of 1977*.

Further reading will be given during the course.

LL120(a) Twenty-four Classes

LL121 Legislation

Mr Jacob and others will hold a weekly 2-hour Seminar in the Michaelmas Term.

This course will not be given in 1982–83.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II and any other students who are interested.

Syllabus 1. Sources of Legislation: Pressure Groups; Royal Commission and Committee Reports; The Law Commission; The Civil Service; Cabinet Committees. 2. Parliamentary Procedure and Scrutiny of Legislation: Standing Committees; The Role of the House of Lords; Private Bills. 3. The Role of the Private Members: (a) Government Bills and (b) Private Members Bills. 4. Ethics: Lobbying; Conflict of Interest. 5. Statutes; Parliamentary Counsel. 6. Draftsmanship; The Role of the Courts. Statutory Instruments. 7. Access to Legislation. 8. The Reform of each of the above matters.

Recommended reading S. Walkland, *The Legislative Process in Great Britain*; The

Renton Report, *The Preparation of Legislation* (Cmnd. 6053) 1975; J. A. G. Griffith, *Parliamentary Scrutiny of Government Bills*; F. Bennion, *Statute Law*.

FURTHER READING: A. Barker and M. Rush, *The Member of Parliament and his Information*; B. Crick, *The Reform of Parliament*; A. Hanson and B. Crick (Eds.), *The Commons in Transition*; D. Leonard and V. Harman (Eds.), *The Backbencher and Parliament*; P. Richards, *The Backbenchers*; M. Rush and M. Shaw, *The House of Commons: Services and Facilities*; Thornton, *Legislative Drafting*; Craies, *Statute Law*; Maxwell, *Interpretation of Statutes*; Erskine May, *Parliamentary Practice*; Statute Law Society, *Statute Law Deficiencies* (1970), and *Statute Law, a Radical Simplification*; Bradshaw and Pring, *Parliament and Congress*; Sir E. Gower, *Plain Words*; Sir W. Dale, *Legislative Drafting: a New Approach*.

LL122 Introduction to the Anthropology of Law

Dr S. A. Roberts. Twenty-five meetings, Sessional.

For LL.B. Parts I and II; Pre-Law Semester and yr.; B.Sc. c.u.

Syllabus (1) *The Problem of Order*.

An introduction to the development of research into primitive law; theories of social order; problems of identifying institutions of social control in small-scale societies; law in relation to political systems and kinship organisation.

(2) *Dispute Processes*:

The different types of agencies for the settlement of disputes; modes of procedure.

(3) *Legal Change*.

The evolution of legal rules and legal systems.

(4) *Special Topics*:

(a) Marriage—the nature of marriage in preliterate societies; formation of marriage; prestations associated with marriage; termination of marriage.

(b) Inheritance—nature of inheritance; rules about devolution; administration of estates.

(c) Land tenure—the kinds of interest in land recognised in preliterate societies; methods of transfer of such interests.

(5) *Pluralism*.

The relationship of control institutions in

small-scale societies to those of the state. **Recommended reading** Gluckman, *Politics, Law and Ritual in Tribal Society*, Oxford, 1965; Gulliver, *Social Control in an African Society*, London, 1963; Hoebel, *The Law of Primitive Man*, Cambridge, Mass., 1954; Roberts, *Order and Dispute*, Harmondsworth, 1979; Pospisil, *Anthropology of Law*, New York, 1971; Gulliver, *Disputes and Negotiations*, New York, 1979; Bohannan, *Justice and Judgment among the Tiv*, London, 1957; Evans-Pritchard, *The Nuer*, Oxford, 1940; Fallers, *Law without Precedent*, Chicago, 1969; Gluckman, *The Judicial Process among the Barotse*, Manchester, 1955; Fox, *Kinship and Marriage*, London, 1967; Llewellyn and Hoebel, *The Cheyenne Way*, Norman, 1941; Malinowski, *Crime and Custom in Savage Society*, London, 1926; Nader (Ed.), *Law in Culture and Society*, Chicago, 1969; Schapera, *Tribal Legislation among the Tswana of the Bechuanaland Protectorate*, London, 1943; Turner, *Schism and Continuity in an African Society*, Manchester, 1957; Koch, *War and Peace in Jalemo*, Cambridge, Mass., 1974; Colson, *Tradition and Contract*, London, 1975; Moore, *Law as Process*, London, 1978; Epstein (Ed.), *Contention and Dispute*, Canberra, 1974; Comaroff and Roberts, *Rules and Processes*, Chicago, 1981; Nader and Todd, *The Disputing Process*, New York, 1978.

A detailed reading list will be provided at the beginning of the course.

LL122(a) Twenty-four Classes

LL123 Introduction to European Law

Mr Hartley. Sessional.

For LL.B. Parts I and II; LL.B. with French Law; M.Sc.; LL.M.

Syllabus The institutions of the Community: their structure and functions. The Community legal system: sources of law. Community law and national law: direct effect; supremacy of Community law; preliminary rulings; enforcement actions against Member States. Judicial review: reviewable acts; *locus standi*; failure to act; indirect challenge; grounds of review. Community liability: contract; quasi-contract; tort. Community law and the individual: free movement of workers; freedom of establishment; freedom to provide

services; freedom from discrimination. **Recommended reading** T. C. Hartley, *The Foundations of European Community Law*; H. G. Schermers, *Judicial Protection in the European Communities*; N. Brown and F. Jacobs, *The Court of Justice of the European Communities*; D. Wyatt and A. Dashwood, *The Substantive Law of the EEC*; D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; A. Parry and S. Hardy, *EEC Law*; T. C. Hartley, *E.E.C. Immigration Law*.

CASES AND MATERIALS: B. Rudden and D. Wyatt, *Basic Community Laws*; L. J. Brinkhorst and H. G. Schermers, *Judicial Remedies in the European Communities: A Case Book*; Gijlstra, Schermers, Völker and Winter, *Leading Cases and Materials on the Law of the European Communities*; E. Stein, P. Hay and M. Waelbroeck, *Leading Cases and Materials on the Law of the European Community*; Sweet & Maxwell's, *European Community Treaties*. **FURTHER READING AND REFERENCE**: A. Toth, *Legal Protection of Individuals in the European Communities*; R. H. Lauwaars, *Lawfulness and Legal Force of Community Decisions*; D. G. Valentine, *The Court of Justice of the European Communities*; K. Lipstein, *Law of 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*.

LL123(a) Twenty-four Classes

LL124 Legal and Social Change since 1750—Seminar

Professor Cornish and Mr J. S. Anderson. Seminars, Sessional.

For LL.B. Parts I and II; Pre-Law yr.; B.Sc. (Econ.) Part 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; control 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. H. Manchester, *Modern Legal History*; 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.

LL124(a) Twenty-four Classes

LL125 Housing Law

Ten seminars, Lent Term.

This course will not be given in 1982–83.

For LL.B. Parts I and II.

Students taking this course also have to take LL146 Law of Landlord and Tenant.

Syllabus 1. The Housing Context: The history of urban housing development and the problems that are attached to such developments. Development of the twin “codes” of housing law and public health law. Introduction of rent control. The rise of council housing policies. Current housing problems. Definitions of housing problems; causes of such problems. Housing finance as source of housing problems.

2. Basic Principles of law of Landlord and Tenant: Creation of the lease; legal formalities; problems of “residential status”; the distinctions between trespassers (squatters), licensees, tenants (private), tenants (council), residents in tied accommodation.

3. *Rent Act and Other Provisions Affecting Landlords and Tenants:*

(i) Financial protections: rent regulation; premiums; estate agents' fees; rent and rate rebates; service charges; miscellaneous

(ii) Security of tenure: Unlawful eviction; harassment; grounds for possession, squatters' "rights".

4. *Housing Standard: The Control of Housing Conditions:* Standards of house construction; the private law of repair, as between landlord and tenant; the public law of repair as between local authority and landlord and tenant—Housing Act powers; Public Health Act powers; the interaction between the two. Area improvement. Over-crowding. Nuisance.

5. *Council Tenancies:* The duties of local authorities; the rights of tenants; the obligation to re-house; administration of housing estate; eviction procedures.

6. *Leasehold Reform:* A special look at this complex area of law.

Recommended reading M. Partington, *Landlord and Tenant*; Tiplady, *Housing Welfare Law*; Hudson on *Building Contracts* and the Sweet and Maxwell *Public Health Encyclopaedias*; specialist journals, e.g. *LAG Bulletin*, *ROOF*; statutory material; Rent Acts, Housing Acts and Public Health Acts.

LL126 Administrative Law

Dr Harlow and Mr Rawlings.

Twenty-five meetings, Sessional. 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 tortious liability of government. 4. Extra-judicial review of administrative law action.

Recommended reading G. Ganz, *Administrative Procedures*; H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; Bailey, Cross and Garner, *Cases and Materials in Administrative Law*; Wraith and Hutchesson, *Administrative Tribunals*; Gregory and Hutchesson, *The Parliamentary Ombudsman*; C. Turpin, *Government Contracts*; G. Flick, *Natural Justice*.

Further reading will be recommended during the course.

LL127 Economic Analysis of Law

Mr Bishop, Mr Klappholz, Dr Hindley and Mr Gould. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II; Pre-Law Semester and yr.; B.Sc. (Econ.) Part II. **Syllabus** Economic theories of legal topics such as:

- (1) Property Rights—allocation and transfer of rights, pollution control.
- (2) Torts—negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.
- (3) Contract—consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.
- (4) The Legal System—class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency of the common law, precedent.
- (5) Crime and Law Enforcement.
- (6) Racial and Sexual Discrimination.
- (7) Divorce and Alimony.
- (8) Rent Control.

Recommended reading TEXTBOOK: R. A. Posner, *Economic Analysis of Law* (2nd edn.).

LL127(a) Twenty-four Classes

LL128 Women and the Law Seminar

Mr W. T. Murphy, Ms Temkin, Mr Nicol and Mr Rawlings.

Twenty-two seminars, Sessional.

For LL.B. Parts I and II; Pre-Law Semester and yr.; B.Sc. (Econ.) Part II.

Syllabus This course involves a critical exploration of some areas of social life where the law particularly affects or controls women. We shall consider how law constitutes and entrenches women's relative disadvantage and how law can be used to eliminate inequalities between the sexes. At relevant points of the course, we shall compare the position of women and attempts to alter it with disadvantage suffered by other social groups or 'minorities'. Topics for discussion will include:

1. Domestic Violence.
2. Rape.
3. Abortion.

4. Prostitution.

5. Inequality at Work.

6. Women and the Family. (a) Home and work. (b) Reproduction and Sexuality. (c) Property: Its Ownership, Control and Intergenerational Transmission.

Introductory reading J. S. Mill, *On the Subjection of Women*; Sachs and Wilson, *Sexism and the Law*; Ray Strachey, *The Cause*; Kate Millett, *Sexual Politics*.

Course reading will include Jeffrey Weeks, *Sex Politics Society*; Jacques Donzelot, *The Policing of Families*; Virginia Novarra, *Women's Work, Men's Work*; Jane Lewis, *The Politics of Motherhood*; Susan Edwards, *Female Sexuality and the Law*; Mary Daly, *Gyn/Ecology: The Metaethics of Radical Feminism*; Greenwood and Young, *Abortion in Demand*.

LL129 The Law Relating to Civil Liberties in England and Wales

Dr Leigh and Mr Nicol. Twenty meetings, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

- Syllabus** (1) The meaning of civil liberties. (2) Freedom of expression; public meetings, public order; state security; obscenity. (3) Pre-trial criminal procedure; arrest; search and seizure; bail; interception of communications; terrorism. (4) Freedom of religion. (5) Bills of Rights.

Recommended reading G. Marshall, *Constitutional Theory*; 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*; Emerson, Haber and Dorsen, *Cases and Materials in Civil Liberties*, Vol. I; S. A. de Smith, *Constitutional and Administrative Law*; Royal Commission, *Report on Criminal Procedure*, 1981. Further reading will be given during the course.

HALF SUBJECT OPTIONS

LL140 Sentencing and Treatment of Offenders

Dr Hall Williams. Ten lectures,

Michaelmas Term.

For LL.B. Parts I and II.

Syllabus 1. Aims and Justification of Punishment. 2. Sentencing Function of the Courts. 3. Custodial Methods in Dealing with Adults. 4. Custodial Methods for Offenders under 21. 5. Non-custodial Methods.

Recommended reading will be given at the beginning of the course.

LL141 Outlines of Modern Criminology

Dr Hall Williams. Lent Term.

For LL.B. Parts I and II.

Syllabus Topics will be drawn from the following areas:

1. The Significance of Criminal Statistics.
2. Genetic and bio-chemical factors in crime.
3. Psychological explanations.
4. Psychoanalytical theories about crime.
5. The Sociological Approach to Deviance.

Recommended reading H. Prins, *Criminal Behaviour; Offenders Deviants or Patients?*; M. D. Rutter, *Maternal Deprivation Reassessed*; H. J. Eysenck, *Crime and Personality*; I. Taylor, P. Walton, J. Young, *The New Criminology*; N. Walker, *Crimes, Courts and Figures*; A. K. Bottomley, *Criminology in Focus*; J. E. Hall Williams, *Criminology and Criminal Justice*; C. Smart, *Women, Crime and Criminology*.

LL142 Health Care and the Law
Mr Jacob, Professor Abel-Smith and Mr Carrier. Ten seminars, Lent Term.

For LL.B. Parts I and II.

Syllabus Section (a) will be taught every year and selected topics from section (b) from year to year. Each topic in both sections will be taught with reference to the medical professional ethics and administrative issues as well as the relevant law.

Section (A) 1. The structure of the National Health Service including the legal status and accountability of the various bodies. 2. The ethical, disciplinary and legal organization and control of medical staff. 3. The complaints procedures including the relationship between professional, administrative and legal procedures. 4. The ethical and legal

rules relating to medical confidences and the proposals for their reform. 5. The meaning and significance of the concept "clinical freedom". 6. The meaning and significance of the concept of "informed consent" to medical procedures.

Section (B) 1. The arrangements for the family practitioner service. 2. Special issues relating to employment in the health service including the appointment of staff and strike action. 3. The provision of health care in the private sector and its relationship to the public sector including its control. 4. The provision of mental health services, the Mental Health Review Tribunals, and the current proposals for reform. 5. Medical research, including issues of consent, and in outline only the scheme of the Medicines Act 1968 relating to new medicines. 6. Special issues relating to children, including consent, the age of consent and the rights of parents. 7. Operation and significance of the medical and legal definitions of death. 8. The legal and medical questions relating to euthanasia, including the hastening and delaying of death. 9. The ethical and legal questions relating to transplants, including the operation of the Human Tissue Act 1961. 10. Some aspects of the legal, medical and administrative questions raised by medical development in abortion and fertility control.

Recommended reading There is no set text for this subject. The following will be recommended. Kennedy, *The Unmasking of Medicine*; Yezzi, *Medical Ethics: Thinking about Unavoidable Questions*; Beauchamp and Childress, *Principles of Biomedical Ethics*; Cartwright, *A Social History of Medicine*; Speller, *Law Relating to Hospitals and Kindred Institutions* (6th edn., Ed., Jacob); Martin, *Law Relating to Medical Practice* (2nd edn.); Leahy Taylor, *The Doctor and the Law; Medical Malpractice*; Leigh Taylor, *Doctors and the Law*; Gostin, *A Human Condition Parts I and II*; Gostin and Rassaby, *Representing the Mentally Ill and Handicapped*.

Periodical literature will be drawn from, *inter alia*, the following journals: *The British Medical Journal*; *The Hospital and Health Services Review*; *The Journal of Medical Ethics*; *The Journal of the Royal Society of Medicine*; *The Lancet* and *The Practitioner*.

Other reading will include some Parliamentary Papers, publications of the D.H.S.S., The British Medical

Association (including the *Handbook of Medical Ethics*) and the Annual Reports of the Medical Defence Union and other publications.

Additional reading will be recommended during the course.

LL143 Legal Services to the Community

Professor Zander. Ten meetings, Michaelmas Term.

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 cost of legal services.

6. Legal aid—historical development—a world-wide phenomenon.

7. Special problem areas: small claims; representation in magistrates' courts; tribunals; lay advocates; 'McKenzie men'; test case litigation and class actions.

8. Who should run the legal aid scheme and legal services generally?

Recommended reading Michael Zander, *Legal Services for the Community*, 1978 and materials developed for the course and articles in various journals. Reports of the Prices and Incomes Board, the Monopolies Commission; Evidence to the Royal Commission on Legal Services; *Report of the Royal Commission on Legal Services*, 1979, Cmnd. 7648.

LL144 Social Security Law I

Dr Fulbrook. Ten meetings, Michaelmas 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. The role of administrative discretion.

(2) *History of Social Security*

(3) *Financing social security*: Contributory and non-contributory

benefits—taxation—adequacy of contributions to meet needs.

(4) *The benefits*:

National insurance—unemployment, sickness, industrial injuries; supplementary benefit. Eligibility—nature and amount of benefit.

(5) *The adjudication of benefits*: Appeals procedures.

(6) *Disqualification from benefit*:

A specific look at unemployment benefit.

(7) *The Future Development of Social Security*.

Recommended reading A. I. Ogus and E. M. Barendt, *Law of Social Security*, 1978; Calvert, *Cases and Materials on Social Security Law*, 1979.

Suggested reading M. Bruce, *The Coming of the Welfare State*; H. Calvert, *Social Security Law*; J. Fulbrook, *Administrative Justice and the Unemployed*; *Law at Work: Social Security*; 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*; Social Insurance and Allied Services: Report by Sir William Beveridge (Cmnd. 6404); Report of the Committee on Abuse of Social Security Benefits (Cmnd. 5228); Selected cases and legislation.

Further reading will be given during the course.

LL145 Social Security Law II

Dr Fulbrook. Ten meetings, Lent Term.

For LL.B. Parts I and II.

Syllabus (1) *The Social Security Tribunals*: history, composition, practice and procedure, appeals and judicial review, the debate on discretion and legal rights, Natural Justice, evidential rules.

(2) *The Social Security Administrative Process*: internal administrative review and procedures, personnel and training, contribution requirements and the adjudication of disputes on them, time limits for claims, issues of take-up and fraud, client and community involvement.

(3) *The Substantive Law in a Practical Setting*: unemployment benefits in National Insurance and Supplementary Benefits Law, disqualifications, additions to basic scale rates, deductions.

(4) *Lawyering Techniques for Tribunals*: elements of interviewing, drafting, negotiation, oral advocacy and examination, counselling.

Recommended reading BASIC TEXTS A. I. Ogus and E. M. Barendt, *The Law of Social Security*, 1978; J. Fulbrook, *Administrative Justice and the Unemployed*, 1978; Sir Robert Micklethwait, *The National Insurance Commissioners*, 1976; M. Partington, *Claim in Time*, 1977; T. Lynes, *The Penguin Guide to Supplementary Benefits*, 1981.

OTHER READING K. Bell, *Tribunals in the Social Services*, 1969; R. J. Coleman, *Supplementary Benefits and the Administrative Review of Administrative Action*, 1970; K. C. Davis, *Discretionary Justice*, 1971; S. A. de Smith, *Judicial Review of Administrative Action*, 1974; J. Fulbrook, *The Appellant and his Case*, 1975; J. Handler, *Reforming the Poor*, 1972; *The Coercive Social Worker*, 1973; M. Herman, *Administrative Justice and Supplementary Benefits*, 1972; R. Lister, *Justice for the Claimant*, 1974; H. Street, *Justice in the Welfare State*, 1975; R. E. Wraith and P. G. Hutchesson, *Administrative Tribunals*, 1973.

LL146 Law of Landlord and Tenant

Mr Nobles. Ten meetings, Michaelmas Term.

For LL.B. Parts I and II.

Syllabus This course will examine the law of the landlord-tenant relationship from the specific perspective of housing and housing problems in this country. We shall ask not only what the law is but how successful it is in protecting those for whom it was passed. i.e. the effect of Housing legislation on the quantity, quality and price (rental) of private sector accommodation. The role of the state in regulating the provision of private sector accommodation will be contrasted with its role as landlord in the public sector.

(1) Setting the context; current problems.

(2) Rent Act Protection; categories of property subject to control. (3) Financial Protections; rent restrictions; control of illegal premia; service charges; rent rebates. (4) Repairs; the duties of landlords and tenants; the role of local authorities. (5) Security of tenure; unlawful eviction; harassment. (6) Council Housing.

Recommended reading Martin Partington, *Cases and Materials on Landlord and Tenant*; Rent Acts 1977; Housing Act 1980; Milner Holland Report, 1965

(Cmnd. 2605); Francis Committee on Working of Rent Acts, 1971 (Cmnd. 4609); Cullingworth Committee, Council Housing, Purposes, Procedures and Priorities; David Hughes, *Public Sector Housing*.

Further reading will be given during the course.

LL147 Race, Nationality and the Law

Mr Hartley. Seminars, Lent and Summer Terms.

This course will not be given in 1982-83.

For LL.B. Parts I and II.

Syllabus An analysis of the following concepts: race, nationality, racial hatred, nationalism, prejudice and discrimination.

Racist propaganda: how far is it permissible in a democratic society to prohibit free speech in order to prevent the spread of racial hatred? Anti-discrimination law: the Race Relations Act 1976; provisions of EEC law prohibiting discrimination.

Citizenship and immigration in the Commonwealth; history of UK citizenship law; concepts of: British subject, UK citizen and patrial.

UK immigration law: right to enter; deportation; remedies.

EEC immigration law: international and internal scope; right to enter; reside and remain; public policy proviso; remedies.

Recommended reading John Evans, *Immigration Law*; T. C. Hartley, *EEC 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 during the course.

LL148 Sociological Theory and the Idea of Law

Mr Schiff. Ten seminars, Michaelmas Term.

This course will not be given in 1982-83.

For LL.B. Parts I and II.

Syllabus 1. Introduction to sociological theory.

2. Mechanical sociology and the idea of law.

(a) Social progress and law.

(b) Social evolution and law.

3. Social behaviour and law.

4. Social control and law.

5. Social change and law.

6. Law as an index of social change.

7. Law and development.

8. Law and symbolisation.

9. The limits of law.

10. Socialization and law.

Suggested reading Extracts from the following sources: A. Comte, *Cours De Philosophie Positive*, Vol. 6; *Système De Politique Positive*, Vol. 1; H. Spencer, *Principles of Ethics*, Vol. 2, Part 4, Justice; N. S. Timasheff, *An Introduction to the Sociology of Law*; E. A. Ross, *Social Control, A Survey of the Foundations of Order*; W. G. Sumner, *Folkways*; E. Durkheim, *On the Division of Labour in Society*; M. Rheinsten (Ed.), *Max Weber on Law in Economy and Society*; V. Pareto, *The Mind and Society*, Vol. 1; P. A. Sorokin, *Contemporary Sociological Theories*; T. W. Arnold, *The Symbols of Government*; G. D. Gurvitch, *Sociology of Law*; J. R. Pennock and J. W. Chapman (Eds.), *The Limits of Law*; J. L. Tapp (Ed.), *Socialization, the Law, and Society*.

Additional General Sources: R. Aron, *Main Currents in Sociological Thought*, Vols. I and II; H. E. Barnes, *An Introduction to the History of Sociology*; N. S. Timasheff, *Sociological Theory, its Nature and Growth*; P. Winch, *The Idea of a Social Science*; P. L. Berger and T. Luckmann, *The Social Construction of Reality*; R. M. Unger, *Law in Modern Society*.

LL149 Public Law and Economic Policy

Mr Elliott. Ten meetings, Lent Term.

For LL.B. Parts I and II.

Syllabus Section (a) will be taught every year, and selected topics from sections (b)-(h) taught from year to year.

(a) **Introduction:** The particular nature of constitutional problems and the economy; the tension between flexibility and accountability. Formal and informal methods of policy formulation and realisation. The characteristics of the possible accountability agencies and methods in the field

(courts, Parliamentary Committees, the PCA, financial control, self-regulation, licensing bodies etc.). A brief history of governmental intervention in Britain, concentrating in particular on the experience of World War 2 and the White Paper on Employment Policy of 1944.

(b) **Governmental Regulation of the Market:** The administration (though not legal or economic detail) of anti-trust in relation to both mergers and competition, the problem of justiciability; licensing and approved self-regulation.

(c) **The Government as Market Actor:** The economic and constitutional significance of Government contracts; the legal regime of contracting; contracting as a policy instrument and its control.

(d) **The Government as Monopolist:** The aims and methods of nationalisation. The relationship between the NIs and the Government; the accountability of the NIs to courts and Parliament. Consumers and equity shareholders and the NIs. The legal regime of employee/NI relationships. The legal regime of competition between the NIs and the private sector of industry.

(e) **The Government and Selective Intervention in the Market:** The history of intervention; support schemes to individual industries. Intervention in the 1960s; the IRC. The 1970s; the Industry Acts 1972, 1975 and 1980; the NEB. The choice of intervention agency and the accountability of paragonovernmental agencies. Disengagement. The legal problems of the public/private firm and the tension between accountability to the representatives of the public, to employees and to shareholders. The legal problems of discretionary intervention.

(f) **The Government and Finance:** The constitutional position of the central bank, with a comparison of foreign models. The Bank of England Act 1946; the relationships between the Bank and government, Parliament and the courts. The legal relationship between the bank and other bankers. 'Moral suasion' and formal law. The Banking Act 1979 and its administration. Governmental relations with the Stock Market, the discount houses and the institutional investors. The PSBR and the National Loans Act

1968. The constitutional basis of monetary policy and the formulation, authority and policing of monetary targets.

(g) **Budgetary and Expenditure Policy:** The constitutional basis of taxation. Parliament and the budgetary process. Judicial review of revenue decisions. The legal, constitutional and economic aspects of public expenditure. Formulation and control of same. Parliamentary Committees, the Exchequer and Audit Acts, the Comptroller and Audit General.

(h) **Europe:** The influence of accession to the EEC on certain of the above topics, in particular (c), (d) and (e). The making and control of the Community Budget.

Reading Materials The following will be recommended: Tivey, *Nationalisation in British Industries*; *Nationalisation in the 1960s*; Ganz, *Government and Industry*; Stevens and Yamey, *The Restrictive Practices Court*; Daintith, *The Economic Law of the United Kingdom*; Turpin, *Government Contracts*; Young and Lowe, *Intervention in the Mixed Economy*; Chorley, *Modern Banking Law* (Parts of); Robinson, *Parliament and Public Expenditure*.

Periodical literature will be drawn from, *inter alia*, the following journals: *Journal of Business Law*; *British Tax Review*; *Public Law*; *Political Studies*; *Parliamentary Affairs*; *Public Administration*; *Modern Law Review*; *Common Market Law Review*; *British Journal of Law and Society*; *Government and Opposition*; *The Parliamentarian*. Plus numerous official and Parliamentary papers.

COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

LL160 Courts and the Trial Process

Professor Zander. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.
Syllabus 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. Costs, legal aid and advice. Appeals.

Note: Students are not expected to have any knowledge of the substantive rules of law in contract, tort, criminal law or in the other branches of the law.

PRESCRIBED BOOK: M. Zander, *Cases and Materials on the English Legal System*.

LL160(a) Classes

Fortnightly, Lent and Summer Terms.

LL161 Commercial Law

Lecturer to be announced.

Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.; Dip. Acct.; Dip. Business Studies.

Syllabus

A: CONTRACT

Essentials of a valid contract: offer.

acceptance, consideration, intention to create legal relations.

Capacity.

Privity.

Content: terms, exemption clauses.

Factors of invalidation: misrepresentation, mistake, illegality (restraint of trade).

Discharge.

Remedies for breach of contract.

Recommended reading G. H. Treitel, *An Outline of the Law of Contract*.

FOR REFERENCE: P. S. Atiyah, *An Introduction to the Law of Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*.

B: COMPANY LAW

Incorporation and its consequences.

Memorandum and articles of association.

Ultra vires doctrine. Liability of the company for the acts of its organs and officers. Appointment and removal of directors. Duties of directors. Majority rule and minority protection.

Maintenance of capital.

Recommended reading Northey and Leigh, *Introduction to Company Law*.

FOR REFERENCE: L. C. B. Gower, *The Principles of Modern Company Law*.

C: REVENUE LAW

Tax avoidance and tax evasion.

Income Tax

Schedular system; computation; reliefs.

Schedule D cases I and II.

Schedule E.

Schedule F.

Corporation Tax

The Imputation system.

Close companies.

Capital Gains Tax

Capital Transfer Tax (in outline only)

Recommended reading for reference only,

Tiley, *Revenue Law*.

LL161(a) Classes

Twenty-three classes, Sessional.

Within each of the sections A, B and C, some topics will be selected for detailed discussion.

LL162 Elements of Labour Law

Mr Simpson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.; Dip. Personnel Management; Trade Union Studies course and other industrial relations students.

Syllabus 1. *Collective labour relations:*

(a) The historical development of labour law.

(b) Trade unions; legal structure; government and administration (including admission and expulsion); inter-union relations; political activities.

(c) Collective bargaining: the right to organise; the closed shop; recognition of trade unions; disclosure of information for bargaining; legal effect of collective agreements; legislative and other assistance to collective bargaining (Fair Wages Resolution, fair wages legislation); substitute machinery for collective bargaining (minimum wages legislation); role of Advisory Conciliation and Arbitration Service and other agencies.

(d) Strikes and other forms of industrial action: secondary action; picketing; criminal and civil liability for acts done in connection with "trade disputes", the effect of legislation; role of Government (emergency powers, inquiry).

2. *Individual labour relations:*

(a) Nature of contract of employment; relationship to collective bargaining. Employment and self-employment.

(b) Terms of contract: pay—protective legislation and guarantee pay; hours;

holidays; sickness—sick pay.

(c) Employee's common law duties and disciplinary powers of management: agreed procedures; fines and deductions; suspension; dismissal without notice.

(d) Termination of employment: minimum notice entitlement; remedies for breach of contract at common law—wrongful dismissal; redundancy; unfair dismissal.

(e) Equal pay and sex discrimination—maternity rights; racial discrimination.

(f) Safety and Health: common law duties and action for damages. Health and Safety at Work Act 1974.

Recommended reading B. A. Hepple and P. O'Higgins, *Employment Law*; Lewis and Simpson, *Striking a Balance? Employment Law after the 1980 Act*; K. W.

Wedderburn, *The Worker and The Law*;

O. Kahn-Freund, *Labour and the Law*; B.

A. Hepple, P. O'Higgins and K. W.

Wedderburn, *Labour Relations, Statutes*

and Materials; P. L. Davies and M. R.

Freedland, *Labour Law: Text and*

Materials; K. W. Wedderburn, *Cases and*

Materials on Labour Law; P. Wallington,

Butterworth's Employment Law Handbook;

McMullen, *Rights at Work: Employment*

Law under the Tories; Rideout, *Principles*

of Labour Law; R. Taylor, *The Fifth*

Estate: Britain's Unions in the Modern

World; H. Pelling, *History of British Trade*

Unionism; A. Flanders, *Trade Unions*.

FOR REFERENCE: Kahn-Freund, *Selected*

Writings Part I; B. A. Hepple and P.

O'Higgins (Eds.), *Encyclopaedia of Labour*

Relations Law; Report of Royal

Commission on Trade Unions and

Employers Associations; Report of

Committee of Inquiry on Industrial

Democracy; C. Grunfeld, *Modern Trade*

Union Law; C. Grunfeld, *Law of*

Redundancy.

Students should consult the latest editions of these books.

LL162(a) Classes

Twenty classes, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.

LL163 Classes

Twenty-five classes, Sessional.

For Trade Union Studies Course.

LL164 Soviet Law

Professor Lapenna. Ten

lectures, Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc.; 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*; M. Cain and A. Hunt, *Marx and Engels on 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; Marxism and the Soviet Constitutions*.

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 EXCLUSIVELY FOR PRE-LAW STUDENTS

LL180 Introduction to Juristic Technique

Mr Nicol and Mr W. T.

Murphy. Ten seminars,

Michaelmas Term.

Description of course This course explores critically the methods of reasoning and sources of rules which are used in legal systems. We will examine the similarities in method of the English and American common law systems, and seek to draw out the differences between them. The rest of the course considers theories relating to the production of legislation.

LL181 Obligations I

Mr Rawlings. Ten seminars, Michaelmas Term.

Description of course The concept of "obligation" is a significant feature of contemporary moral, legal and political discourse. The relationship between these different notions of obligation is rarely subjected to detailed consideration. In this course, we shall examine the nature of obligations which arise in a variety of different situations—by means of promise, reliance, chance or accident, or in the context of the ownership or enjoyment of property. The course will integrate a number of philosophical, social scientific and legal perspectives in an attempt to isolate the meaning of obligation in these different contexts and to provide a prolegomenon to the uses of obligation in different areas of law. Obligations I deals with the issues arising out of promises and reliance.

LL182 Obligations II

Mr Rawlings and Mr W. T. Murphy. Fifteen seminars, Lent and Summer Terms.

Description of course Obligations II builds upon the perspectives developed in Obligations I in exploring the areas of chance, accidents and the ownership of property.

LL183 Constitutional Theory

Mr Elliott. Ten seminars, Michaelmas Term.

Description of course An introduction to some key issues in constitutional theory. The course will draw from a wide range of literature and take its examples from a number of constitutions. Particular stress will be placed upon theories of the separation of powers, the different roles assigned in different constitutional systems to the courts, theories of representative and participative democracy and constitutional change.

LL184 Introduction to the British Constitution

Lecturer to be announced. Fifteen seminars, Lent and Summer Terms.

Description of course The main features of the British constitution. Representative

democracy; the sovereignty of Parliament; the responsibility of the executive to Parliament; the role of the courts; the protection of civil liberties. The course will be based on the twin beliefs that the British constitution cannot be understood without an appreciation of the theoretical premises upon which it rests and a detailed knowledge of the practical interaction of governmental institutions.

SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL

LL200 Comparative Constitutional Law I

(The Constitutions of the United States, Canada and Australia).

Dr Leigh and Mr Creighton.

Syllabus I General principles of federalism and the constitutional structures of the United States, Canada, and Australia (in outline). The influence of the imperial structure and the American example in the case of Canada and Australia.

II Government institutions and the federal principle. First and second chambers. Parliamentary and congressional government and the representation and rights of states and provinces. The federal executive and regional representation. The influence of conventions of the constitution.

III The judicial structure and the federal principle: the United States contrasted with Canada and Australia. Arguments for and against the several judicial systems.

IV The doctrine of the separation of powers: the United States and Australia contrasted with Canada; definition of the powers; delegation of legislative powers. **V** General principles governing the allocation of legislative powers. Doctrine of implied immunity of instrumentalities. Doctrine of inconsistency. The judicial function in constitutional cases: advisory opinions, political questions.

VI The regulation of trade and commerce. Freedom of trade within the three federal systems; the effect of other specific powers in the regulation of trade and commerce.

VII Finance. The allocation of taxing powers. The spending power of the federal governments; intergovernmental grants; the machinery of fiscal allocation in the three systems.

VIII External affairs: the power to enter into and implement external obligations. Relations between the states and provinces and foreign governments, and between the federal government and foreign governments.

IX Aspects of the constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships. Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

Recommended reading TEXTBOOKS AND CASEBOOKS: G. Sawyer, *Modern Federalism*; M. Forkosch, *Constitutional Law*; N. T. Gunther and G. Gunther, *Cases and Materials on Constitutional Law*, or W. B. Lockhart, Y. Kamisar, J. Choper, *The American Constitution: Cases and Materials*; C. Howard, *Australian Federal Constitutional Law*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; B. Laskin, *Canadian Constitutional Law*; N. Lyon and R. Atkey, *Canadian Constitutional Law in a Modern Perspective*; P. W. Hogg, *Canadian Constitutional Law*.

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 Systems*; J. Ferguson and D. McHenry, *The American Federal Government*; W. R. Lederman, *The Courts and the Canadian Constitution*; J. P. Meekison, *Canadian Federation. Myth or Reality?*; P. H. Lane, *The Australian Federal System*; G. Sawyer, *Australian Federalism in the Courts*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; Z. Cowen, *Federal Jurisdiction in Australia*; J. A. Maxwell, *Commonwealth-State Financial Relations in Australia*; R. J. May, *Financing the Small States in Australia on Federalism*; I. Bernier, *International Legal Aspects of Federalism*; G. Doeker, *The Treaty Making Power in the Commonwealth of Australia*; A. Smith, *The Commerce Power in Canada and the United States*; G.

Pépin, *Les Tribunaux Administratifs et la Constitution*; E. J. Brossard et al, *La Cour Suprême et la Constitution*; A. Lajoie, *Le Pouvoir Déclaratoire du Parlement*.

Students should consult the latest editions of these books.

LL201 Comparative Constitutional Law II

(Constitutional laws of Commonwealth countries other than the United Kingdom, Canada, Australia, India and Malaysia.)

Professor J. S. Read (S.O.A.S.), Dr Slinn (S.O.A.S.) and Mr Wolf-Phillips.

Also for M.A. Area Studies.

Syllabus I The constitutional structure of the Commonwealth and status within it; full members, special membership, associated states. Consultation and co-operation within the Commonwealth. The Commonwealth Secretariat. The classification of dependent territories (within the Commonwealth) and the constitutional structure of government therein; powers of the Crown, the United Kingdom Parliament, Governors and colonial legislatures; constitutional evolution; the attainment of internal self-government. The attainment of independence.

II Constitutional developments in independent Commonwealth states; problems of constitutional evolution, including divided societies, and the place of elements of traditional government in modern constitutions. The concept of autochthony. Constitutionalism and constitutional breakdowns, including the role of the courts. Military government.

III Comparative constitutional structure of Commonwealth states. The executive. Cabinet government. Presidential systems. The legislature: structure and powers; minority representation; the role of second chambers; electoral systems. Relations between the executive and legislature. Single party systems. Procedures for constitutional amendment. Safeguards against the abuse of power; constitutional guarantees and prohibitions; bills of rights; institutional safeguards, including Ombudsmen. Constitutional provisions for the protection of the judiciary, the public service and the police, and for

safeguarding the electoral system, the process of prosecution and the auditing of public accounts.

The courts and the scope and exercise of powers of judicial review of the constitutionality of legislative and executive action.

Emergency powers.

Federal constitutions and experiments in the Commonwealth. Regional associations or communities.

The problems of very small territories. Associated status.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

Recommended reading S. A. de Smith, *The New Commonwealth and its Constitutions*; L. Wolf-Phillips, *Comparative Constitutions*; B. O. Nwabueze, *Constitutionalism in the Emergent States*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; B. O. Nwabueze, *Presidentialism in Commonwealth Africa*; B. O. Nwabueze, *Judicialism in Commonwealth Africa*; L. Wolf-Phillips, *Constitutional Legitimacy*; D. O. Judd and P. E. Slinn, *The Evolution of the Modern Commonwealth 1902-1980*.

FURTHER READING S. A. de Smith, *Constitutional and Administrative Law* (4th edn. 1981); D. Ingram, *The Commonwealth at Work*; J. Cross, *Whitehall and the Commonwealth*; A. Mazrui, *The Anglo-African Commonwealth*; T. M. Franck, *Comparative Constitutional Process*; H. Spiro (Ed.), *Patterns of African Development: Five Comparisons*; B. Benedict, *Problems of Smaller Territories*; S. A. de Smith, *Microstates and Micronesia*; G. Sawyer, *Modern Federalism*; R. D. Watts, *New Federations: Experiments in the Commonwealth*; C. Leys and P. Robson (Eds.), *Federation in East Africa*; K. C. Wheare, *Federal Government*; R. J. May, *Federalism and Fiscal Adjustment*; U. K. Hicks and others, *Federalism and Economic Growth*; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*; Sir John Mordecai, *The West Indies: The Federal Negotiations*; G. Ezejiolor, *Protection of Human Rights under the Law*; G. Marshall, *Parliamentary Sovereignty and the Commonwealth*; W. I. Jennings, *Constitutional Law 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*; A. P. Blaustein and G. Flanz, *Constitutions of the Countries of the World*.

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 Parliamentary*; *Commonwealth Law Bulletin*.

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; Malta, S.I. 1964 No 1398; Guyana, S.I. 1966 No. 575; Botswana, S.I. 1966 No. 1171; Barbados, S.I. 1966 No. 1455; Mauritius, S. I. 1968, p. 1871; Fiji, S.I. 1970, p.6630; Bahamas, S.I. 1973 No. 1080; Solomon Islands, S.I. 1978 No. 738; Commonwealth of Dominica, S.I.

1978 No. 1027; Tuvalu, S.I. 1978, p.3781; St. Lucia, S.I. 1978 No. 1901; Zimbabwe, S.I. 1979 No. 1600; St. Vincent, S.I. 1979 No. 196; Kiribati, S.I. 1979 No. 719; Antigua and Barbuda, S.I. 1981 No. 1106; Belize, S.I. 1981 No. 1107. See also reports of Constitutional Conferences, e.g. *Report of the Fiji Constitutional Conference 1970*, Cmnd. 4389; *Report of the St. Lucia Constitutional Conference 1978*, Cmnd. 7328; *Report of the Gilbert Islands Constitutional Conference 1978*, Cmnd. 7445.

LL202 French Administrative Law: A Comparative Study

Dr Harlow. Lent and Summer Terms. In the Michaelmas Term students are referred to Course Gv225 French Government Seminar.

The availability of this course is uncertain. Those interested should contact Dr Harlow as soon as possible.

Syllabus I. Introductory: the institutional and political setting.

(a) The concept of State—the evolution of the French political system—the growth of the Presidency—the 1958 constitutional settlement—the structure of government in the 5th Republic—central and local government—the administrative machine and the public service—the prefect and administrative *tutelle*.

(b) The lawmaking function—the division of law making power in the 1958 Constitution: (Articles 34, 37, 38)—executive lawmaking—the Constitutional Council—the Conseil d'Etat.

II. Judicial Review and Contrôle juridictionnel

Note: a detailed examination of the rules of English administrative law will not be made and the assumption will be made that there is a pre-existing knowledge of the detailed rules of English Administrative Law on which comparison can be based.

(a) *The Structure of the systems* Review by administrative courts—the Conseil d'Etat and the *section de contentieux*—tenure, appointments and

status of judges. Jurisdiction—conflicts and the Tribunal de Conflits.

England: the High Court and Divisional Court—review by prerogative Orders and Order 53—statutory appeals.

(b) Procedure

France: investigatory, documentary and contradictory procedures—access to information—production of documents—duty to give reasons.

England: accusatorial, adversarial, oral procedures—access to information—privilege—discovery of documents—duty to give reasons.

(c) Scope and grounds of review

Review for error of law—error of fact—review of motives and purposes—control of discretionary power—review of administrative procedures.

(d) The effectiveness of remedies or interim remedies—validatory legislation—the work of the Commission du Rapport.

(e) Administrative Liability, compensation and damages.

III. The Ombudsman technique

The role of an Ombudsman in a parliamentary system—jurisdiction, access—practice and procedure—remedies. The role of an Ombudsman in a "system of public law"—the Médiateur—jurisdiction, access—practice and procedure—remedies—relationship with Conseil d'Etat.

Recommended reading V. Wright, *The Government and Politics of France*, 1978; Ridley and Blondel, *Public Administration in France*, (2nd edn., 1969); D. Pickles, *The Government and Politics of France*, 1972-3; P. Williams, *The French Parliament; Politics in the 5th Republic*, 1968; Freedeman, *The Conseil d'Etat in Modern France*, 1961; M. Rendel, *The Administrative Functions of the French Conseil d'Etat*, 1968; Hamson, *Executive Discretion and Judicial Control*, 1954; Remington, "The tribunaux administratifs; protectors of the French citizen" 51 Tulane L. Rev. 33 1976; Dicey, *The Law of the Constitution*, (9th or 10th edns.) and at (1901) 17 LQR 309; De Smith, *Judicial Review of Administrative Action* (3rd edn., 1971); N. Questiaux in Rowat (Ed.), *The Ombudsman* pp. 217-225; Neville Brown, *The Médiateur: A French Ombudsman* (1975) 91 LQR 408.

Further books and articles will be recommended where necessary. Original source material, in translation where necessary, will be provided. French sources will be specially recommended to those who wish to use them.

LL203 Company Law

Professor Lord Wedderburn.

Syllabus Meaning of corporate personality and distinction between incorporated and unincorporated associations. The nature, types and functions of companies.

Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies. The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of directors and of the controlling majority and the enforcement of these duties. Reconstructions and amalgamations. Liquidation (in outline only).

Recommended reading L. C. B. Gower, *The Principles of Modern Company Law*; P. L. Davies, *The Regulation of Takeovers and Mergers*; Companies Acts 1948, 1967, 1976, 1980 and 1981; *Report of the Company Law Committee* (Jenkins Report) (Cmnd. 1749); Banking Act 1979; European Communities Act 1972; T. Hadden, *Company Law and Capitalism*; R. R. Pennington, *Company Law; The Future of Company Reports* (Department of Trade) (Cmnd. 6888); *The Conduct of Company Directors* (Cmnd. 7037); L. Leigh and H. Edey, *Companies Act 1981; Company Accounting and Disclosure* (Cmnd. 7654); *Purchase by a Company of its own Shares* (Cmnd. 7944).

FURTHER READING AND REFERENCE: J. Northey and L. Leigh, *Introduction to Company Law*; V. Joffe, *The Companies Act 1980*; D. Prentice, *Companies Act 1980*; M. A. Weinberg and M. V. Blank, *Takeovers and Mergers*; Industry Act 1975; C. A. Cooke, *Corporation, Trust and Company*; H. R. Hahlo, *Casebook on Company Law*; L. Sealy, *Cases and Materials on Company Law; Buckley on the Companies Acts; Report of (Wilson) Committee on Functioning of Financial Institutions* (Cmnd. 7937); Gore-Browne, *Companies*; Palmer's *Company Law*; *Report of the Committee on Industrial Democracy* (Bullock Report) (Cmnd. 6706); *Company Law Reform* (Cmnd. 5391); A. A. Berle and G. C. Means, *The Modern Corporation and Private Property*;

A Review of Monopolies and Mergers Policy (Cmnd. 7198); H. de Hoghton, *The Company: Law, Structure and Reform in Eleven Countries*; P. Hart and R. Clarke, *Concentration in British Industry*; R. Minns, *Pension Funds and British Capitalism*; Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.), Vols. 1-20; 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 Shareholder's Rights* (1957) C.L.J. 194, and (1958) C.L.J. 93 and (1981) 44 M.L.R. 202; S. Beck, *The Shareholders' Derivative Action* (1974) 52 Can. B.R. 159; D. Prentice, *The Demise of Foss v. Harbottle* (1976) 40 Conveyancer 51; L. Loss, *Fiduciary Concept and Corporate "Insiders" in U.S.A.* (1970) 33 M.L.R. 34; G. R. Sullivan, *The Relationship between Board of Directors and General Meeting* (1977) 93 L.Q.R. 569; G. Prentice, *The Enforcement of Outsider Rights*, *Company Lawyer* (1980) 179; 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; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; K. W. Wedderburn, *Corporate Personality and Social Policy; the Quasi-Corporation* (1965) 28 M.L.R. 62; *Minority Shareholders and Directors' Duties* (1978) 41 M.L.R. 569; Wedderburn, *The Derivative Action* (1981) 44 M.L.R. 202; R. S. Nock, *The Rule of Indoor Management* (1965) 30 Conv. 123; D. Prentice, *Corporate Opportunity Doctrine* (1974) 37 M.L.R. 464; *Section 9, European Communities Act* (1973) 89 L.Q.R. 518; D. Wyatt, *The First Directive and Company Law* (1978) 94 L.Q.R. 182; J. Birds, *Articles Excluding Directors Duties* (1976) 39 M.L.R. 394; G. D. Goldberg, *Article 80 Table A* (1970) 33 M.L.R. 177; *Enforcement of Outsider Rights* (1972) 35 M.L.R. 362; J. Gregory, *The Section 20 Contract* (1981) 44 M.L.R. (526); 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; P. L. Davies, *Employee Representation on Company Boards* (1975) 38 M.L.R. 254; EEC *Employee*

Participation and Company Structure (Bulletin Supplement 8/75).

Students should consult the latest editions of these books.

Further reading will be recommended on particular topics in seminars.

Note The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts.

LL203(a) Classes Lent and Summer Terms.

LL204 The Law of Personal Taxation

This course may not be available in 1982-83.

Syllabus The general structure and administration of the tax on income and Capital Gains Tax and the rules as to residence and ordinary residence of individuals and trustees for tax purposes. The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Cases IV and V in relation to business profits) and the deductions and allowances (excluding capital allowances and loss relief) which may be set against income. The rules for applying the tax on income to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying the tax on income to trusts and estates.

The provisions relating to the tax on income in respect of pensions and pension contributions (in outline only).

The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, estates and trusts. An outline of the principles of the Capital Transfer Tax including the definition, ascertainment and computation of chargeable transfers.

Recommended reading will be given during the course.

LL204(a) Capital Transfer Tax (Class)

Summer Term.

This course may not be available in 1982-83.

LL205 The Law of Business Taxation

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 principles of Value Added Tax and Capital Transfer Tax applicable to businesses (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 Pinson, *Revenue Law*; Tiley, *Revenue Law*; Whiteman and Wheatcroft, *Income Tax*; Bramwell, *Taxation of Companies*; Easson, *Cases and Materials in Revenue Law*; Lawton, Goldberg and Fraser, *The Law of Partnership Taxation*; *Butterworth's Yellow Tax Handbook*.

Students should consult the latest editions of these books.

Candidates may take into the examination room copies of *Butterworth's Tax Handbook* (edition current on 1 January of the year in which the examination is held).

LL206 The Law of Restitution Professor Cornish and Mr Green.

Syllabus The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims.

Acquisition of benefit from plaintiff; mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries etc.;

voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

Recommended reading R. L. A. Goff and G. H. Jones, *The Law of Restitution*; S. J. Stoljar, *The Law of Quasi-Contracts*; American Law Institute, *Restatement of Restitution*; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province and Function of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contract*; D. W. M. Waters, *The Constructive Trust*. Students should consult the latest editions of these books.

LL207 Monopoly, Competition and the Law

Mr Bishop and Dr Korah (U.C.).

This course will not be given in 1982-83 if less than five students wish to take the option.

Syllabus I. The restrictive trade practices legislation; II. The monopolies and mergers legislation; III. the control of anti-competitive practices; IV. the competition rules of the E.E.C.

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; non-collusive oligopoly; analysis of selected reports of the Commission.

Part III Investigations by Director-General of Fair Trading into anti-competitive practices and their reference to Monopolies and Mergers Commission.

Part IV Articles 85 and 86 of the Rome Treaty and Regulation 17; the rules relating to the free movement of goods; the relationship between Community and U.K. Law; contrast between Article 85(1) and the definition of agreements subject to registration under the U.K. law; respective advantages of administrative discretion and the more legalistic approach of the U.K. restrictive practices legislation.

Recommended reading J. Lever (Ed.), *Chitty on Contracts*, Vol. 1, 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* (out of print); Reports of the Registrar of Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303; Reports of the Office of Fair Trading.

Candidates may bring into the examination copies of any of the following: Restrictive Trade Practices Acts 1976 and 1977; Fair Trading Act 1973; Resale Prices Act 1976; Restrictive Practices Court Act 1976; Sweet and Maxwell's *European Community Treaties*; Treaty establishing the European Community, Rome, 15 March 1957; Secondary legislation of the European Communities, Subject Edition, Vol. 4, Competition, H.M.S.O., 1973; Competition Law in the European Economic Community and in the European Coal and Steel Community (situated by 31 December 1971). Further references will be given at the beginning of the course.

LL208 E.E.C. Competition Law

Mr Bishop and Dr Korah (U.C.).

Syllabus The competition rules and practice of the EEC: Articles 85-90 of the Treaty of Rome, the implementing regulations and other relevant provisions. Price-fixing and market sharing agreement; boycotts and discrimination; exemptable forms of collaboration; abuse of dominant position; free movement of goods and industrial property rights. The relationship between Community and national anti-trust laws.

Note Candidates will be expected to have or to acquire adequate knowledge of the institutions of the European Communities.

LL209 The Principles of Civil Litigation

Sir Jack Jacob and Professor Zander.

Syllabus The general principles and practice of civil litigation, including: the organization, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil proceedings (both

interlocutory and final) including enforcement of judgements and orders. The procedures adopted in the High Court and in the County Court in ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessment of damages or other consequential relief; the system and right of appeal and the procedure on appeal; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects the general procedure). The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between 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 foreign system.

Recommended reading W. B. Odgers, *Pleading and Practice*; P. St. T. Langan and D. G. Lawrence, *Civil Procedure*; M. Zander, *Cases and Material on the English Legal System*; B. Abel-Smith and R. S. Stevens, *In Search of Justice*; Final Report of (Evershed) Committee on Supreme Court Practice (Cmnd. 8878, 1953); Report of the Royal Commission on Assizes and Quarter Sessions (Cmnd. 4153, 1969); Report of the (Winn) Committee on Personal Injuries Litigation (Cmnd. 369, 1968); Report of the (Payne) Committee on Enforcement of Judgement 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, *Judgements 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 (Cmnd. 5065); 1st, 2nd and 3rd Reports of Committee on County Court Procedure (Cmnd. 746 and 7668); 1st, 2nd and 3rd Reports of Committees on Supreme Court Practice (Cmnd. 7764, 8176 and 8617); Report of Committee on Administrative Tribunals and Enquiries (Cmnd. 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.

LL210 Comparative Criminal Law and Procedure

Dr Leigh.

Also for Dip. Criminal Justice, by permission of the teacher.

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.

LL211 Soviet, East European and Mongolian Law

Professor Lapenna and Professor Butler (U.C.).

Note Candidates taking LL.M. subject 77 *Soviet Law* may not take Section (b) 3 *Soviet Law* under LL.M. subject 42

Comparative European Law.

Candidates are required to offer A and one of B, C or D. It may not be possible to provide courses for each option every year.

Syllabus

1. *General Introduction* (a) Historical Introduction: Source Materials. (b) Marxist and Lenninist Theories of State and Law; Concepts of Ownership. (c) Constitutional Framework; Role of the Communist Party. (d) Administration of Socialist Legality: The Legal Profession; Judicial System; Procuracy; State Arbitrazh; Administrative Commissions; Comrades' Courts; People's Guard. (e) Structure of Socialist Legal System.

2. *Special Interests* A study of two of the following subjects (see note 1): (a) History of Marxist Legal Thought. (b) Themes in Legal History. (c) Criminal Law and Procedure. (d) Civil Law and Procedure. (e) Constitutional and Administrative Law. (f) Economic Law. (g) Labour Law. (h) Family Law (see note 2). (i) Natural Resource and Environment Law. (j) Collective Farm Law. (k) Criminology and Correctional Labour Law. (l) Socialist Economic Integration. (m) Soviet and East European Attitudes Toward Public International Law.

Note 1. The special subjects available will be announced by the School(s) teaching the course; not all special subjects will be taught every year. In the Academic Year 1982-83 the following special subjects will be offered: (c) Criminal Law and Procedure, and (d) Civil Law and Procedure (Professor Lapenna), (f) Economic Law, (i) Natural Resources and Environment Law (Professor Butler).

Note 2. In years when the Soviet Family Law is offered as part of Comparative Family Law, a candidate offering special subject (h) Family Law may not also offer Comparative Family Law.

Note 3. Although a knowledge of Russian or East European languages is not required, students taking this course will be required to familiarise themselves with some technical legal terms in these languages. The emphasis as between Soviet and East European in each option is at the discretion of the instructor.

Recommended reading (in English) (Consult the most recent edition)

(a) **Bibliography:** W. E. Butler (Ed.), *Russian and Soviet Law*, An Annotated Catalogue of Reference Works, Legislation, Court Reports, Serials and Monographs on Russian and Soviet Law (Including International Law); W. E. Butler (Ed.), *Writings on Soviet Law and Soviet International Law*; P. S. Romanashkin (Ed.), *Literature on Soviet Law*; Bibliographic Index.

(b) **Books:** H. Babb (trans.), *Soviet Legal Philosophy*; D. Barry, W. E. Butler and G. Ginsburgs (Eds.), *Contemporary Soviet Law*; P. Beirne and R. Sharlet (Eds.), *Pashukanis: Selected Writings on Marxism and Law*; H. J. Berman, *Justice in the U.S.S.R.*; O. Bihari, *Socialist Representative Institutions*; M. Cain and A. Hunt, *Marx and Engels on Law*; K. Grzybowski, *Soviet Legal Institution*; J. N. Hazard, *Communists and Their Law*; J. N. Hazard, *Settling Disputes in Soviet Society*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; E. Johnson, *An Introduction to the Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*; S. Kucherov, *The Organs of Soviet Administration of Justice*; I. Lapenna, *State and Law; Soviet and Yugoslav Theory; Soviet Penal Policy*. (c) **Casebooks:** J. N. Hazard, I. Shapiro and P. Maggs (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

(d) **Journals and Serials:** *Law in Eastern Europe*; *Osteuropa Recht*; *Review of Socialist Law*; *Soviet Law and Government*; *Soviet Statutes and Decisions*. In addition to these periodicals devoted exclusively to Soviet and East European Law, articles frequently appear in *The International and Comparative Law Quarterly*, *Soviet Studies* and *Soviet Union*.

Note Further readings in books, journals, case reports, and other materials translated for the course will be assigned for options B-O.

LL212 Comparative Family Law

Ms Temkin, Professor Lapenna and Mr Bradley.

Note When the prescribed option in Comparative European Law is "Persons and Family Law" candidates will not be permitted to offer both Comparative European Law and Comparative Family Law. Candidates taking option B "Civil Law and Domestic Relations" in LL.M. subject 77 *Soviet Law* may not take Comparative Family Law.

Syllabus An examination from a comparative standpoint of contemporary issues in Domestic Relations law. Topics to be considered will be selected from the following: capacity to marry, youthful marriages, matrimonial property, reallocation of property on divorce and death, divorce, domestic violence, unmarried cohabitation, illegitimacy, abortion and state intervention in parental autonomy, adoption, and children in trouble with the law. Jurisdiction covering particular topics will include: England, Canada, Australia, West Germany, Sweden and jurisdiction in the United States and U.S.S.R.

Recommended reading 1. Common law jurisdictions and general comparative works:

BOOKS: Foote, Levy and Sander, *Cases and Materials on Family Law*; M. A. Glendon, *State Law and Family*; J. Eekelaar, *Family Law and Social Policy*; Chloros, *The Reform of Family Law in Europe*; P. M. Bromley, *Family Law*; O. Stone, *Family Law*; S. M. Cretney, *Family Law*; J. Eekelaar and S. Katz, *Marriage and Cohabitation in Contemporary Societies*; H. A. Finlay, *Family Law in Australia*; S. Fodden, *Family Law Cases and Materials*; D. Mendes da Costa (Ed.), *Studies in Canadian Family Law*; K. Gray, *Re-Allocation of Property on Divorce*. JOURNALS: *Family Law Quarterly* of A.B.A.

2. Civil law jurisdictions:

BOOKS: E. J. Cohn, *Manual of German Law*, (2nd edn., 1967), esp. the chap. on Family Law; A. Kiralfy (Ed.), *Comparative Law of Matrimonial Property*; E. D. Graue, *German Law*, chap. V; Charmatz and Daggett,

Community Property or W. E. Burby, *Cases on Community Property*. Further reading lists will be issued at the beginning of each term.

LL213 Law of International Institutions

Dr Weiss and Professor Higgins.

Syllabus (A) *Introduction*: Functions and types of international institutions. General principles of international institutional law. Methods. (B) *The United Nations*: (i) General. International legal personality; treaty making power; implied powers. (ii) The Secretariat and the Secretary General. (iii) The Charter as a living instrument. (iv) Membership, representation, credentials. (v) The General Assembly: structure, functions, powers. (vi) The Security Council: structure, composition, functions, powers. (vii) Voting in the organs. Legal effect of resolutions. (viii) Enforcement action, sanctions, the use of force generally. (ix) UN peacekeeping. (x) Regional arrangements and the UN. (xi) The peaceful settlement of disputes. (xii) Law-making by the UN and its agencies. (xiii) The Economic and Social Council. (C) *The International Court of Justice*: Its role in settling disputes. Jurisdiction. Contentious cases. Advisory opinions. (D) *The International Labour Organisation*. (E) *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 Cooperation in Africa (South of the Sahara); Supranational institutions (the European Coal and Steel Community, the European Economic Community and Euratom). Also collective defence arrangements: N.A.T.O. and the Warsaw Pact. Recommended reading H. G. Schermers, *International Institutional Law*, Vols. 1 and 2; Goodrich, Hambro and Simons, *The Charter of the United Nations*; D. Bowett, *The Law of International Institutions*; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; F. Kirgis, *International Organisation*. FURTHER READING: R. Russell and J. Muther, *The History of the United Nations Charter*; Goodspeed, *The Nature and Function of International Organisation*; C.

W. Jenks, *The Proper Law of International Organisations*; A. Gross, *The United Nations: Structure for Peace*; G. Weissberg, *The International Status of the United Nations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The Law and Practice of the International Court*; J. L. Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases of United Nations Law and Basic Documents of the United Nations*; B. Boutros-Ghali, *The Addis Ababa Charter*; D. Bowett, *United Nations Forces*; R. Higgins, *United Nations Peacekeeping* (Vol. 1 Middle East, Vol. 2 Asia, Vol. 3 Africa, Vol. 4 Europe); 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, 1946-1966 and Supplements*. Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; United Nations, *Monthly Chronicle*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

LL213(a) Classes Lent and Summer Terms.

LL214 Law of European Institutions

Mr Hartley and Professor Butler (U.C.).

Also for M.Sc.

Syllabus I. *The European Communities*. (Comparison will be made with other West European organisations, especially the Council of Europe.)

1. The Commission, the Council, the Parliament and the Court; structure and functions.
2. Sources of Community Law; constitutive Treaties, subsidiary conventions, acts of the representatives of the Member States; Community acts: legislative powers, delegation of powers, form and procedure; general principles of law (with special reference to human rights); agreements with third countries.
3. Community Law and National Law:

Direct applicability, direct effect, the supremacy of Community law; problems raised by national constitutional law, especially in the United Kingdom.

4. Preliminary Rulings: references on interpretation and validity by national courts and tribunals to the European Court.

5. Actions against Member States: enforcement of Community law by means of proceedings brought in the European Court by the Commission or another Member State.

6. Judicial Review of Community Action (with special reference to the rights of individuals): actions to annul Community acts; failure to act; indirect challenge: the plea of illegality; grounds of review.

7. Community Liability: contract, quasi-contract and tort, with special reference to liability for legislative and executive acts and the problem of concurrent remedies in the European Court and in national courts.

II. *Comparison with Integration in Eastern Europe*. Basic concepts of Socialist Economic Integration and contrast with EEC-COMECON-International financial institutions-Production-Branch Organisations-Multi-national Enterprises -Association and Co-operation Agreements-Dispute Settlement-Harmonisation and Unification of Law-Comprehensive Programme for Socialist Economic Integration-Long-term Special-purpose co-operation arrangements-Relations with Third Countries, International Institutions, and the EEC.

Recommended reading T. C. Hartley, *The Foundations of European Community Law*; H. G. Schermers, *Judicial Protection in the European Communities*; N. Brown and F. Jacobs, *The Court of Justice of the European Communities*; D. Wyatt and A. Dashwood, *The Substantive Law of the EEC*; D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; A. Parry and S. Hardy, *EEC Law*.

CASES AND MATERIALS: B. Rudden and D. Wyatt, *Basic Community Laws*; L. J. Brinkhorst and H. G. Schermers, *Judicial Remedies in the European Communities: A Case Book*; E. Stein, P. Hay and M. Waelbroeck, *Leading Cases and Materials on the Law of the European Community*; Sweet and Maxwell's, *European Community Treaties*.

FURTHER READING AND REFERENCE: A. Toth, *Legal Protection of Individuals in*

the European Communities; R. H. Lauwaars, *Lawfulness and Legal Force of Community Decisions*; D. G. Valentine, *The Court of Justice of the European Communities*; K. Lipstein, *Law of 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*.

Reading on integration in Eastern Europe will be given during the course.

LL215 European Community Law

Note Students are required to take two special subjects from a list which can be found in the University of London Regulations for internal students. The following two special subjects are provided by arrangement between the School and King's College.

Community Law relating to Competition

Professor Jacobs (K.C.).

Syllabus The function of competition policy in the common market. The competition rules of the E.E.C. Treaty. The control of agreements and restrictive practices (art. 85 E.E.C.). Monopoly power and the abuse of a dominant position (art. 86 E.E.C.). Procedure of the Commission and jurisdiction of the Court of Justice. Enforcement of the E.E.C. competition rules in the national courts. Public undertakings (art. 90 E.E.C.). State aids (arts. 92-94 E.E.C.). **Recommended reading** Barry E. Hawk, *United States, Common Market and International Antitrust: A Comparative Guide Part Two* (1979); Bellamy and Child, *Common Market Law of Competition* (2nd edn. 1978); Barounos, Hall and James, *E.E.C. Anti-trust Law* (1975); Commission of the European Communities, *Reports on Competition Policy* (annual, since 1972).

Social Policy

Mr Hartley. Fifteen seminars,
Lent and Summer Terms.

Syllabus Principles and institutions.

Employment law: trade unions, the work environment, sex discrimination, immigrant labour, termination of employment, employee participation. Social security. Freedom of movement: employees, self-employed persons, providers and receivers of services.

Recommended reading T. C. Hartley, *E.E.C. Immigration Law*; Derrick Wyatt and Alan Dashwood, *The Substantive Law of the E.E.C.*, chapters 13-15; H. Smit and P. Herzog, *The Law of the European Economic Community*, commentary to Articles 48-66 E.E.C.; B. Sundberg-Weitman, *Discrimination on Grounds of Nationality*; Philippa Watson, *Social Security Law of the European Communities*; F. G. Jacobs (Ed.), *European Law and the Individual*; G. Lyon-Caen, *Droit Social International et Européen*; P. J. G. Kapteyn (Ed.), *The Social Policy of the European Communities*.

Note Candidates offering the special subject Community Law relating to Competition may not offer Monopoly, Competition and the Law nor European Community Competition Law.

All candidates offering European Community Law are expected to have or to acquire adequate knowledge of the institutions of the European Community. The course Law of European Institutions may be taken concurrently.

LL216 International Law of the Sea

Dr Weiss.

Also for M.Sc.

Syllabus I. *Introduction*. Books and Materials; Conspectus.

II. *Sources*. Formation of rules of custom; opposability; special relations; principles of *ius cogens*.

III. *Principal Legal Concepts*. Policy issues; interest groups; law and technology; Third U.N. Conference on the Law of the Sea and its method.

IV. *Delimitation of the Relevant Areas*. Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads, islands and low-tide evaluations; international straits and waterways, the exclusive economic zone, the high seas and the sea-bed; the continental shelf.

V. *The Territorial Sea*. Historical development, nature and characteristics; limits; delimitation, breadth issue, baselines, claims in state practice;

UNCLOS III.

VI. *Special Topics concerning the Territorial Sea*. Straight baselines; archipelagos; closing lines for bays; historic bays.

VII. *Innocent Passage in the Territorial Sea*.

VIII. *Straights used for International Navigation*.

IX. *Special Jurisdictional Zones*.

Contiguous zone; twelve mile fishing zones; fishery conservation zones; concept of patrimonial sea; concept of exclusive economic zone.

X. *Exclusive Economic Zone*. Nature and characteristics; rights and duties and jurisdiction of coastal states; resources of the zone; freedom of navigation and overflight; fisheries, pollution control; scientific research.

XI. *Continental Shelf*. Nature and scope of the sovereign rights, duties; outer limit of the continental shelf; delimitation between states; case studies.

XII. *High Seas*. Nature and characteristics; rights and duties of states; freedoms and their regulation; management and conservation of living resources; navigation; nuclear tests and disposal of radioactive waste; pipe lines, cables, other users; hot pursuit.

XIII. *Seabed and Ocean Floor beyond National Jurisdiction*. Nature and characteristics; definition and limits of the area; international machinery: structure, functions, powers; the concept of equitable sharing; special interests and needs of developing states; exclusive use for peaceful purposes; transfer of technology and the New International Economic Order.

XIV. *Geographically disadvantaged States*. Land-locked, shelf-locked states; position of land-locked states and enclaves; access to and from the sea; access to the international sea-bed area beyond national jurisdiction; rights and interests in regard to the living resources, position at UNCLOS III in general.

XV. *Pollution and the Law of the Sea*. UN Environment Programme; pollution in relation to existing legal concepts (innocent passage, self defence); regional action; oil pollution; nuclear tests; context of UNCLOS III.

XVI. *Artificial Islands and Installations*.

XVII. *Settlement of Disputes and Final Clauses in the new LOS Treaty*.

XVIII. *Regional Developments in the Law of the Sea*. General International Law; recognition of geographical special

circumstances in UNCLOS III; Regional Action: the Mediterranean, the Baltic, EEC Common Fisheries Policy.

XIX. *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; collision, wreck and salvage; stateless ships; pirate ships.

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; Hague Academy, *Recueil*, Vol. 87; I. Brownlie, *Principles of Public International Law* (3rd edn., 1979), 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*, 10 Vols.; 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 Yearbooks*; Third United Nations Conference on the Law of the Sea, *Informal Composite Negotiating Text*, 1976 (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*.

LL216(a) Classes

Lent and Summer Terms.

LL217 The International Law of Natural Resources

Professor Higgins.

Syllabus A.

1. *Introduction*. Title to natural resources.

The relevance of their location.

Territorial jurisdiction. Mechanisms for foreign access to natural resources.

Relevant international and transnational law. The concept of permanent sovereignty over natural resources. Conflicting values and goals. Demands for change in the international economic order. The role of international law in these events. Changing legal relations between host states and foreign companies engaged in mineral and petroleum production.

2. *The Traditional Law: Sanctity of Contracts*. The paramountcy of sanctity of contracts: *pacta sunt servanda*. Permissible circumstances for the alteration of contracts. State succession to international resources contracts. Vested rights. Economic concessions. *Expropriation and Compensation*. Treatment of aliens; law of state responsibility; legal requirements of permitted nationalisation; the question of compensation.

3. *Pressure for Change: Permanent Sovereignty over Natural Resources*. The emergence of a new legal doctrine. Its impact upon the principle of *pacta sunt servanda*. Its reach and implications. *Economic Rights and Duties, and the New International Legal Order*. Changing expectations concerning the international law standard; standards of compensation; notions of unjust enrichment. The significance and status of the Charter of Economic Rights and Duties and of the New International Economic Order.

4. *Related Issues Arising from these Pressures for Change*. (i) Codes of Conduct for Multinational Corporations (ii) Leading Techniques for Settlement of Investment Disputes (iii) Is resort to coercion permissible to secure access to natural resources located within the territorial jurisdiction of a foreign state?

B. *Selected Natural Resources*

1. *Minerals*.

2. *Petroleum*. Foreign enterprise and capital.

International Law and National Control: The U.K. Petroleum Experience. (i) The international background—legal status of the continental shelf (ii) The U.K. licensing system (iii) National regulation generally (iv) The exercise of national control; statutes, regulations, taxation, participation, revocation, unilateral licence conditions.

3. *Water*. The emphasis here will be on waterways that are shared by two or

more states. Questions of availability, control, quality, access and pollution will be discussed.

4. *Fisheries*. Draft Treaty on the Law of the Sea. A/CONF. 62/WP.10/AV.4 September 1980 (UNCLOS III), Articles 116-120 (fishing, high seas); Articles 61-68 (exclusive economic zones).

Recommended reading Oscar Schachter, *Sharing the World's Resources*, 1977; K. Hossain (Ed.), *Legal Aspects of the New International Economic Order*, 1980; Weston, Falk and d'Amato, *International Law and World Order*, chap. 7; W. Brandt, *North-South: A Program for Survival*, 1980; Higgins, *Conflict of Interests—International Law in a Divided World*; Kronfol, *Protection of Foreign Investments: A Study of International Law*, 1972; White, *Nationalisation of Foreign Property*, 1961; Wortley, *Expropriation in Public International Law*; Foighel, *Nationalization and Compensation*, 1964; Lillich, *The Protection of Foreign Investment*, 1965; Fawcett and Parry, *Law and International Resources Conflicts*; G. A. Res. 3201 (S-VI), Declaration on the Establishment of a New International Economic Order; G. A. Res. 3281 (XXIX), Charter of Economic Rights and Duties; G. A. Res. 2131 (XX), Declaration on the Inadmissibility of Intervention in the Domestic Affairs of States; G. A. Res. 2625 (XXV), Declaration on Friendly Relations and Cooperation among States; Faundez and Picciotto (Eds.), *The Nationalization of Multinationals in Peripheral Economies*, 1978; Documents of U.N. Commission and Centre on Transnational Corporations: E/C.10/17 (1976), Issues involved in the formulation of a code of conduct; E/C.10/18 (1976), Material relevance to the formulation of the code of conduct; E/C.10/36 (1978), Report of Intergovernmental Working Group on code of conduct; E/C.10/46 (1979), Report of Intergovernmental Working Group on code of conduct; Daintith and Willoughby, *A Manual of U.K. Oil and Gas Law*, chap. 1, (J. P. Grant); Daintith (Ed.), *The Legal Character of Petroleum Licences*, especially chaps. 2 and 8 (IBA and University of Dundee, 1981); McGonigle and Zacher, *Pollution, Politics and International Law*; Abecasses, *The Law and Practice relating to Oil Pollution from Ships*; Knight, *Managing the Seas' Living Resources*; Johnstone, *The International Law of Fisheries*.

LL218 International Economic Law

Mr Chaikin.

Also for M.Sc.

Syllabus 1. 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 a higher level of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supra-national institutions (e.g. the European Communities).

Recommended reading K. Hossain, *Legal Aspects of the New International Economic Order*; O. de Rivero, *New Economic Order and International Development Law*; A. Koul, *The Legal Framework of UNCTAD in World Trade*; J. Jackson, *World Trade Law and the Law of Gatt*; J. Gold, *Legal and Institutional Aspects of the International Monetary System*.

Further reading G. Schwarzenberger, *Economic World Order?*; A. Rozenthal, *The Charter of Economic Rights and Duties of States in the New International Economic Order*; D. Carreau, P. Juillourd and T. Flory, *Droit international économique*; M. Wolfrom, *L'Utilisation a des fins autres que la navigation des eaux des fleuves, lacs et canaux internationaux*; T. Murray, *Trade Preferences for Developing Countries*; H. Böhme, *Restraints on Competition in World Shipping*; K. Dam, *The GATT Law and International Economic Organizations*; F. Alting von Geusau, *The Lomé Convention and a New International Economic Order*; R. Kemper, *The Tokyo Round: Results and Implications for Developing Countries*; B. Tew, *The Evolution of the International Monetary System*; B. Gosovic, *UNCTAD-Conflict and Compromise*; C. Okolie, *Legal Aspects of the International Transfer of Technology to Developing Countries*; W. G. Friedman, *International Financial Aid*; J. Fawcett, *Law and International Resource Conflicts*; D. Shea, *The Calvo Clause*; R. Lillich, *The Valuation of Nationalised Property in International Law* (Vol. 3); N. Horn, *Legal Problems of Codes of Conduct for Multinational Enterprises*; R. Lillith, *Economic Coercion in the International Legal Order*; G. Schwarzenberger, "The Principles and Standards of International Economic Law" (the Hague Academy of International Law, *Recueil*, Vol. 117, 1966); M. Domke, "State Trading and the Most-Favoured-Nation Clause"

(*American Journal of International Law*, Vol. 52, 1958); J. Dorsey, "Preferential Treatment; A New Standard for International Economic Relations" (*Harvard International Law Journal*, Vol. 18, 1977); M. Beham, "Development and Structure of the Generalised System of Preferences" (*Journal of World Trade Law*, Vol. 10, 1976); F. Parkinson, *The United Nations Integrated Commodity Programme, Current Legal Problems*, 1980; M. Ajomo, "Regional Economic Organisations in the African Experience" (*International and Comparative Law Quarterly*, Vol. 25, 1976); F. Parkinson, "International Economic Integration in Latin America and the Caribbean; A Survey" (*31 Yearbook of World Affairs*); U.N. Charter, Chaps. IX and X, 1945; Havana Charter, 1948; Vienna Convention on Consular Relations, 1963; Vienna Convention on the Law of Treaties, 1969; U.N. Charter on Economic Rights and Duties of States, 1974.

Note Students should consult the latest editions of these books. Additional readings on particular topics will be given during the course.

LL219 International Business Transactions

Mr Hartley, Mr I. G. F. Karsten and Mr Nicol.

Syllabus The main purpose of this course is to identify and analyse some of the principal problems of public and private international law and European Community law encountered in international commercial transactions involving private parties. Private international law will be considered comparatively, with special reference to English, American and E.E.C. law. Internal (national) law will be discussed to only a limited extent.

1. Jurisdiction and Foreign Judgments.

General principles; connection of parties with forum; connection of transaction with forum; jurisdictionally proper and improper fora; forum conveniens; arrestment; international conventions; choice of jurisdiction clauses; provisional remedies (including detention of assets and injunctions); conflicting claims to jurisdiction; sovereign immunity; enforcement of judgments.

2. International Arbitration. Jurisdiction; governing law; enforcement; supervision by courts.

3. Choice of Law in Commercial Matters. Private International law aspects of the following: Contracts generally; particular problems in contracts; sale; pledge; hire; carriage of goods; insurance; agency; licensing agreements; foreign currency obligations; transfer of real rights in tangible property; assignment of intangible property; corporations.

4. Financing Foreign Trade. Letters of credit, performance bonds; negotiable instruments; government guarantees.

5. International Uniform Law. Advantages of international uniform law as an alternative to conflict of laws; history and institutions (including an outline of the principal conventions); problems concerning the application of international uniform laws and their relationship to private international law.

6. International Application of national Policies. The extra-territorial application of national law to international transactions and activities, with special reference to anti-trust law, boycotts and embargoes.

7. Expropriation of Foreign-Owned Property. Rights and remedies of dispossessed owners against subsequent purchasers and others in courts outside the country where the expropriation occurred.

8. Individual Rights and Obligations under International Treaties. The application of international treaties by national courts.

9. Doing Business in the E.E.C. The problems facing a non-Community company seeking to do business in the Community through (i) direct selling, (ii) the appointment of an agent or licensee, or (iii) the incorporation of a local subsidiary will be considered with reference to the Community law relating to the common commercial policy, harmonisation of legislation, the free movement of goods and services and the right of establishment. Competition law, being the subject of a separate course, will not be discussed in detail.

Recommended reading George R. Delaume, *Transnational Contracts: Applicable Law and Settlement of Disputes*; Henry J. Steiner and Detlev F. Vagts, *Transnational Legal Problems; The Influence of the European Communities on the Private International Law of the Member States*; Dicey and Morris, *The Conflict of Laws*; Cheshire and North, *Private International Law*; Albert A. Ehrenzweig and Erik Jayme, *Private*

International Law; Robert A. Leflar, *American Conflicts Law*; Russell J. Weintraub, *Commentary on the Conflict of Laws*; A. T. von Mehren and D. T. Trautman, *The Law of Multistate Problems: Cases and Materials on Conflict of Laws*; P. E. Nygh, *Conflict of Laws in Australia*; E. I. Sykes and M. C. Pryles, *International and Interstate Conflict of Laws: Cases and Materials*; J. G. Castel, *Canadian Conflict of Laws*; C. Schmitthoff (Ed.), *International Commercial Arbitration*; C. Schmitthoff, *The Export Trade*; Richard Dale, *Anti-Dumping Law in a Liberal Trade Order*; Hans Smit and Peter Herzog, *The Law of the European Community*; Derrick Wyatt and Alan Dashwood, *The Substantive Law of the E.E.C.*; C. Canenbley, *Enforcing Anti-Trust Against Foreign Enterprises*; Barry E. Hawk, *United States, Common Market and International Anti-Trust*; Boaz Barack, *The Application of the Competition Rules of the E.E.C. to Enterprises and Arrangements External to the Common Market*.

Students should also consult: *The International and Comparative Law Quarterly*; *The Columbia Journal of Transnational Law*; *Law and Policy in International Business*; *The Journal of International Law and Economics*.

LL220 Intellectual Property Professor Cornish and Professor Lahore.

Syllabus *Patents* History and economic purpose. British and European patent systems: infringement; validity; ownership; assignments and licences; compulsory licensing and Crown Use; international arrangements. *Confidential Information* Scope of present law; relation to patents and copyright. *Copyright* History and objectives; types of copyright; infringement; ownership and transactions; copyright in special circumstances. *Industrial Designs* Artistic copyright; registered designs. *Trade Marks and Names* Protection at common law: passing off, injurious falsehood. Trade marks registration: relation to common law protection; entitlement to register and objections to registered marks; dealings in marks infringement. Relation to consumer protection law. *EEC Law* The impact of free movement and competition rules of the Common

Market on intellectual property rights; integration and harmonisation of intellectual property.

Recommended reading INTRODUCTORY: T. A. Blanco White and R. Jacob, *Patents, Trade Marks, Copyright and Industrial Designs*.
TEXTBOOK: W. R. Cornish, *Intellectual Property*.

FURTHER READING: T. A. Blanco White and others, *Encyclopedia of United Kingdom and European Patent Law*; A. Turner, *The Law of Trade Secrets*; T. A. Blanco White and R. Jacob, *Kerly on Trade Marks*; E. P. Skone James and others, *Copinger and Skone James on Copyright*; H. Laddie, P. Prescott and M. Vitoria, *Modern Law of Copyright*. Students should consult the latest edition of these books.

(Candidates will be permitted to bring into the examination room copies of the Patents Act 1977, Trade Marks Act 1938, Copyright Act 1956, Design Copyright Act 1968 and the Treaty of Rome.)

LL221 Theoretical Criminology Dr Hall Williams and others.

Also for Dip. Criminal Justice.

Syllabus The origin and development of crime studies: the classical and positivist schools of criminology, and their relation to modern criminology. The contribution of anthropological studies to the explanation of crime. Genetic and other biological influences (including twin studies, chromosome studies). Psychoanalytical explanations of criminal behaviour. Psychological theories and criminal behaviour. Mental illness, subnormality, psychopathy and crime.

Sociological influences: family factors, area influences, gang studies. Cultural and subcultural theories of crime. The influence of social class and economic factors.

The interactionist approach, labelling theory and the social deviance perspective. Radical criminology. Female crime.

The facts about crime as derived from official sources and self-report and victim studies. Prediction studies.

Recommended reading N. Walker, *Crime and Punishment in Britain* (2nd edn., 1968); R. Hood and R. Sparks, *Key Issues in Criminology*, 1970; E. H. Sutherland and D. R. Cressey, *Criminology* (10th edn., 1978); D. J. West, *The Young*

Offender (Pelican, 1967); J. B. Mays, *Juvenile Delinquency, the Family and the Social Group*; W. G. Carson and P. Wiles, *Crime and Delinquency in Britain*; Laurie Taylor, *Deviance and Society*, 1971; Taylor, Walton and Young, *The New Criminology*, 1973; M. Phillipson, *Sociological Aspects of Crime and Delinquency*, 1971; J. E. Hall Williams, *Criminology and Criminal Justice*, 1982.

LL222 Applied Criminology Dr Hall Williams and others.

Syllabus 1. *Research Methods in Criminology*. Hypothesis development. Data collection. Sampling and survey techniques. Data analysis. The use of computers in criminological research. Limitations and constraints.

2. *The Criminology of Specific Offences*. The types of offence, offenders and victims, including: Homicide, violent crime (including street crime). Crimes of dishonesty (including shoplifting and burglary). Crimes of damage to property (including arson and vandalism). Sexual crime (including rape, incest and offences against children). Occupational and business crime. Political crime. Organised crime. Road traffic offences. Alcohol and drug abuse in relation to crime.

3. *The Prevention of Crime*. The police and prevention. Neighbourhood controls. Public attitudes and values. Individual protection.

Recommended reading will be given during the course.

LL223 Sentencing and the Penal Process Dr Hall Williams and others.

Also for Dip. Criminal Justice.

Syllabus I. *Sentencing*. The aims of punishment for crime. The information for the sentencing court (including police antecedents reports, social inquiry reports and medical reports). Psychiatric evidence. Disparities in sentencing, the research findings. Remedies and techniques for improving the sentencing process. Training sentencers. Alternative sentencing structures. Selected issues in sentencing, including: — life and long sentences; recidivism and the dangerous offender; exemplar sentences and deterrence; the mentally-disordered offender; the petty inadequate offender.

II. *The Penal Process*. History of the English prisons. Aims of the modern

prison system. Organisation of prisons. The pressures on the prison system. Problems concerning accommodation, staff (including recruitment and training), classification of prisoners, and security. Employment of prisoners and pay or earnings. Education and training of prisoners. Welfare and leisure activities. Release procedures, including remission and parole. Prisoners' rights (see below, V). The "Justice" model and the "Treatment" model. Evaluation of the effectiveness of prison. The provisions concerning the custody of young adult offenders.

III. *Non-custodial measures*. Probation, including both "traditional" probation and new developments involving the probation and after-care service. Community service orders. Other alternatives to prison: The suspended sentence. The fine. Absolute and conditional discharges. Bind-overs. Restitution and compensation. "Diversion" schemes. Voluntary hostels and after-care schemes.

IV. *Crime Prevention*. The police and public attitudes towards crime. The relation of research to criminal policy.

V. *Prisoners' rights*. (This section of the course will be given by Mr. Zellick, Q. M. C.). Prison disciplinary proceedings. The rights of prisoners and their protection under English law and the European Convention on Human Rights.

Recommended reading R. Cross, *The English Sentencing System* (2nd edn., 1975); D. A. Thomas, *Principles of Sentencing* (2nd edn., 1979); N. Walker, *Sentencing in a Rational Society*, 1969; R. Cross, *Punishment, Prison and the Public*, 1971; Baldwin and Bottomley (Eds.), *Criminal Justice, Selected Readings*, 1978; J. E. Hall Williams, *The English Penal System in Transition*, 1970; *Changing Prisons*, 1975; H.M.S.O., *Prisons and the Prisoner*, 1977; N. Tutt (Ed.), *Alternative Strategies for Coping with Crime*, 1978; H.M.S.O., *The Sentence of the Court*; Powers of Criminal Courts Act, 1973; Home Office, Annual Reports of the Prison Department; Annual Reports of the Parole Board; Home Office Research Unit publications; Reports of the Advisory Council on the Penal System; House of Commons, Fifteenth Report of the Expenditure Committee, 1978; Fourth Report of the Home Affairs Committee, 1980.

Further reading will be given during the course.

LL224 Law of Management and Labour Relations

Professor Lord Wedderburn.
Sessional.

Syllabus This course is concerned primarily with English law as it affects the making of decisions at the place of work and the context of labour relations in which those 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. One-tier boards of directors in British law. Other managers. Two-tier arrangements in practice under other laws; and obligatory two-tier systems. Role of shareholders and employees; and the duties of management to act in the interests of the enterprise. Current legal and other problems in Britain for "Participation" by employees; the debate about "industrial democracy".

II. Management: its plans and disclosure of information. Management and labour relations. Recognition of trade unions. The rights of workers to engage in trade union activity. 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.

III. 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".

IV. Legal problems of managerial functions, industrial discipline and industrial conflict. Closed shops; trade unions organisation and administration. Members' rights in the trade union. The employer's rights against the union. 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.

V. The problems already described in the special context of the "multi-national" or international corporation.

Recommended reading O. Kahn-Freund, *Labour and the Law*; P. Davies and M. Freedland, *Labour Law, Text and Materials*, with 1980 Supplement; B. Hepple, P. O'Higgins and Lord Wedderburn of Charlton, *Labour Relations, Statutes and Materials* (and Companion supplement); P. Wallington, *Butterworth's Employment Law Handbook*; Employment Act 1980; Lord Wedderburn of Charlton, R. Lewis and J. Clark, *Labour Law and Industrial Relations - Building on Kahn-Freund*; R. Kidner, *Trade Union Law*; B. Weeks, M. Mellish, L. Dickens and J. Lloyd, *Industrial Relations and the Limits of Law*; *The Report of the Committee of Inquiry on Industrial Democracy* (Bullock Report) (Cmnd. 6706); *Industrial Democracy* (Cmnd. 7231); R. W. Rideout, *Principles of Labour Law*; L. C. B. Gower, *The Principles of Modern Company Law* (chaps. 1, 7, 9, 24, 25, 26); K. W. Wedderburn, *The Worker and the Law*; B. Hepple and P. O'Higgins, *Employment Law*; I. Smith and J. C. Wood, *Industrial Law*; *Report of the Royal Commission on Trade Unions and Employers' Associations, 1968* (Cmnd. 3623); Trade Union Immunities (Cmnd. 8128).

FURTHER READING OR REFERENCE: A. Berle and G. Means, *The Modern Corporation and Private Property*; T. Hadden, *Company Law and Capitalism*; P. Elias, B. Napier and P. Wallington, *Labour Law Cases and Materials*; Commission of European Communities, "Employee Participation and Company Structure" (*Bulletin of European Communities*, Supplement 8/75); O. Kahn-Freund, "Industrial Democracy" (*Industrial Law Journal*, Vol. 6, June 1977); P. Davies and Lord Wedderburn, "The Land of Industrial Democracy" (*Industrial Law Journal*, Vol. 6, December 1977); 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); E.E.C. Employee Representation on Company Boards Bulletin Supplement 8/75; J. Elliott, *Conflict or Cooperation?*; Lord Wedderburn of Charlton, "Industrial Relations and the Courts"

(*Industrial Law Journal*, Vol. 9, June 1980); E. Batstone, P. Borastone and E. Fraenkel, *Shop Stewards in Action*; 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*; R. Lewis, "Historical Development of Labour Law" (*British Journal of Industrial Relations*, March 1976); Lord Wedderburn of Charlton, "The New Structure of Labour Law in Britain" (*Israel Law Review*, October 1978); B. Aaron (Ed.), *Disputes Settlement Procedures in Five West European Countries*; Confederation of British Industry, *Responsibilities of the British Public Company*; H. A. Clegg, *The Changing 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*; R. Clark, D. Fatchett and B. C. Roberts, *Workers' Participation in Management in Britain*; E. Batstone and P. Davies, *Industrial Democracy: European Experience*; D. Marsden, "Industrial Democracy and Industrial Control in West Germany, France and Great Britain" (*Department of Employment Research Paper 4*, 1978); Folke Schmidt, *Law and Industrial Relations in Sweden*; Clerk and Lindsell on *Torts* (15th edn.) Chapter 15; 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*; Folke Schmidt (Ed.), *Discrimination in Employment*; C. Crouch, *Class Conflict and the Industrial Relations Crisis*; A. Flanders, "The Tradition of Voluntarism" (*British Journal of Industrial Relations*, November 1974); W. Däubler, "Codetermination: The German Experience" (*Industrial Law Journal*, December 1975, 218); L. Turner, *The Politics of the Multi-national Company*; K. W. Wedderburn, "Multinational Enterprise and National Labour Law" (*Industrial Law Journal*, March 1972). Students should consult the latest editions of these books.

Further reading, including articles in journals, will be recommended in seminars on particular questions.

Note: This course is suitable mainly for

students who have already studied British Labour Law.

LL225 Individual Employment Law

Mr Simpson and Dr Fulbrook.
Sessional.

Syllabus 1. The individual employment relationship: sources of rules; the significance of contract; contract and status; contract and remedies.

2. Definition and identification of the contract of employment.
3. Special groups of workers: labour only sub-contracting and self-employment; public employees and office holders.
4. Formation of the contract of employment; "continuous employment".
5. Freedom of association and the right to work: managerial freedom; workers' freedom of association—the right to organise; the closed shop.
6. Terms of employment: proof of terms; incorporation of collective terms; implied terms.

7. Remuneration: protective legislation—method of payment and deductions; guarantee payments; a "week's pay".

8. Hours of work, holidays and time off.
9. Sex discrimination, equal pay and maternity rights; racial discrimination.
10. Disciplinary action.

11. Termination of employment: frustration; repudiation and common law remedies for wrongful dismissal—termination by notice; unfair dismissal—substantive and procedural requirements for a fair dismissal, and remedies for unfair dismissal: redundancy—compulsory consultation and redundancy pay.

12. Unemployment—social security benefits.

13. International perspective: international labour standards; international employment contracts.

14. Legal machinery: industrial tribunal—practice and procedure.

Recommended reading PRELIMINARY: Rideout, *Principles of Labour Law* (Sweet and Maxwell); Wedderburn, *The Worker and the Law* (Penguin); Clegg, *The Changing System of Industrial Relations in Great Britain* (Blackwell) 1976.

REFERENCE: Dix, *Contract of Employment* (Butterworth); Hepple and O'Higgins, *Encyclopaedia of Labour Law* (Sweet and Maxwell); Hepple, O'Higgins and Wedderburn, *Labour Relations Statutes*

and Materials (Sweet and Maxwell); Wallington, *Butterworths Employment Law Handbook*; Wedderburn, *Cases and Materials on Labour Law* (C.U.P.); Avins, *Employees' Misconduct* (Allanhabad). MAIN READING: Hepple and O'Higgins, *Employment Law* (Sweet and Maxwell); Kahn-Freund, *Labour and the Law* (Stevens); Davies and Freedland, *Labour Law: Text and Materials*; Elias, Napier and Wallington, *Labour Law Cases and Materials* (Butterworths); Lewis and Simpson, *Striking a Balance? Employment Law after the 1980 Act* (Martin Robertson); Anderman, *The Law of Unfair Dismissal* (Butterworths); McCarthy, *The Closed Shop in Britain* (Oxford); Hepple, *Race, Jobs and the Law in Britain* (Penguin); Grunfeld, *The Law of Redundancy* (Sweet and Maxwell); McCarthy and Ellis, *Effects of the Redundancy Payments Act* (H.M.S.O.); Wedderburn and Davies, *Employment Grievances and Disputes Procedures in Britain* (Berkeley); Freedland, *The Contract of Employment* (OUP); Jackson, *Unfair Dismissal* (CUP); Mesher, *Compensation for Unemployment* (Sweet and Maxwell); Field, *Are Low Wages Inevitable?* (Spokesman Books); Hilton, *The Truck System*; Mickelwait, *The National Insurance Commissioners* (Sweet and Maxwell); A. I. Ogus and E. M. Barendt, *The Law of Social Security* (Butterworths); Calvert, *Social Security Law* (Sweet and Maxwell); Fullbrook, *Administrative Justice and the Unemployed* (Mansell); Whitesides and Hawker, *Industrial Tribunals* (Sweet and Maxwell); Weekes et al, *Industrial Relations and the Limits of Law* (Blackwell); Kahn-Freund, *Labour Law: Old Tradition and New Developments* (Clarke Irwin); Kahn-Freund, *Selected Writings*, Part I, (Stevens).

OTHER BOOKS AND ARTICLES: *Report of Committee of Inquiry into Labour in Building and Civil Engineering* (Phelps Brown) Cmnd. 3714; *Industrial Law and the Labour Only Sub-Contract*; G. de N. Clark (1967) 30 MLR 6; Street, *Report on anti-discrimination legislation* (P.E.P. 1967); Clark, *Remedies for Unjust Dismissal* (P.E.P. 1970); McCormick, *Redundancy Payments Act in the Practice of the Industrial Tribunals* (1970) 8 BJIR, 334; Kahn-Freund, *Note on Contract and Status in British Labour Law* (1967) 30 MLR 635; Reid, *Women in Employment: The New Legislation* (1976) 39 MLR 432; Fryer, *The Myths of the Redundancy*

Payments Act (1973) 2 ILJ 1; Napier, *Judicial Attitudes towards the Employment Relationship—Some Recent Developments* (1977) 6 ILJ 1; Elias, *Unravelling the Concept of Dismissal* (1978) 7 ILJ 16 and 100; Elias, *Fairness in Unfair Dismissal: Trends and Tensions* (1981) 10 ILJ 201. Students are also reminded to refer to the *Industrial Law Journal* and the *British Journal of Industrial Relations*. Further reading including articles in journals will be recommended in seminars on particular questions.

Note: Candidates intending to offer this option are advised that knowledge of at least one system of labour law or industrial relations is an advantage.

LL226 Human Rights (Seminar) Professor Higgins.

Twenty-eight seminars,
Sessional.

Also available to LL.B students who have either already taken, or are simultaneously taking, Public International Law or the Law relating to Civil Liberties. Preliminary enquiry should be made before choosing this option. LL.B. students will cover a slightly shortened syllabus.

Syllabus

1. *Conceptual Issues*. The emergence of the modern state; the place of the individual therein; *jus naturale* and the growth of the modern law of nations; the rise of positivism; theories of sovereignty.
2. *Further Conceptual Issues*. The idea of human rights as absolute or relative; views on hierarchy of human rights; the process of specification; human rights and political ideology; human rights and different cultures.
3. *The Contemporary Interest in Human Rights*. Nationality of claims; minimum standards in the treatment of aliens; outline of the law of state responsibility and the local remedies rule; shortcomings of the traditional approach.
4. *Derogations from Accepted Standards*. In peace (reservations, derogations, qualifying clauses); in armed conflict (human rights and protection in respect of targets and methods).
5. *The United Nations System*. 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-selfgoverning territories; the concept of self-determination; the Committee of 24; the U.N. and southern Africa; the right of petition; the "double standard"; refugees and statelessness; development of international standards; the High Commissioner for Refugees.

6. *The European Convention*. The institutional aspects; functions of the various organs of the Council of Europe relating to the Convention; the Court and Commission; admissibility of applications and friendly settlement.

7. *Other Systems*. The Inter-American System; the International Labour Organisation; international non-governmental organisations; E.E.C.

8. *Non-institutional Techniques for Promoting Human Rights*. Humanitarian intervention, the protection of minorities (the inter-war experiment, "affirmative action" today), domestic absorption of international standards, requests, petitions, enquiries.

9. *Leading International Treaties*. Analysis and comparison of the U.N. Declaration on Human Rights, the Covenants, the International Convention on the Elimination of all forms of Racial Discrimination, other treaties and instruments; problems of overlap.

10. *Case Law on Particular Rights*. Self determination; freedom of movement; torture; freedom of expression; access to courts; pre-trial detention; right of association; privacy, rights of the mentally ill; and others.

Recommended reading I. Brownlie, *Basic Documents on Human Rights*; J. E. S. Fawcett, *The Law of Nations*; *The Application of the European Convention on Human Rights*; F. Jacobs, *The European Convention on Human Rights*; A. H. Robertson, *Human Rights—Europe* (2nd edn.).

SPECIALIST WORKS: McDougal, Lasswell and Chen, *Human Rights and World Public Order*; J. Carey, *U.N. Protection of Civil and Political Rights*; A. Eide and A. Shou (Eds.), *The International Protection of Human Rights* (Nobel Symposium); M. Ganji, *The International Protection of Human Rights*; H. Lauterpacht, *International Law and Human Rights*; E. Luard (Ed.), *International Protection of*

Human Rights; M. Moskowitz, *The Politics and Dynamics of Human Rights*; L. Henkin, *The International Bill of Rights*; M. Moskowitz, *International Concern with Human Rights*; Mikaelson, *European Protection of Human Rights*; E. Schwelb, *Human Rights and the International Community*; Natan Lerner, *The U.N. Convention on the Elimination of all Forms of Racial Discrimination*. PERIODICALS: *Human Rights Journal*; *Human Rights Review*; *International Commission of Jurists' Review*; *American Journal of International Law*. DECISIONS: *The European Yearbook of Human Rights*; *Collections of Decisions of the European Commission of Human Rights*; *Decisions of the European Court of Human Rights*.

Study notes with detailed reading list will be given at the beginning of the course.

LL227 Economic Analysis of Law

Mr Bishop, Dr Hindley, Mr
Gould and Mr Klappholz.
Forty lectures, Michaelmas and
Lent Terms.

Syllabus I. Economic Concepts. The nature of economics; welfare economics and its relevance to law; the Pareto criterion.

II. Property Rights. Theories of property rights; definition, allocation and transfer of rights; private and common property; external effects; nuisance law; the Coase Theorem. Pollution control alternatives: rights, regulation and liability. Property Rights and distribution. Restrictions on property rights, expropriation, compensation. Intellectual Property: incentives under alternative rights regimes.

III. Civil Liability. Negligence, strict liability, contributory negligence, negligent misrepresentation. Products liability. Medical and Legal Malpractice. Workers compensation. Damages issues: valuation of human life, irreparable injury, economic loss, remoteness, inflation, periodic payments.

IV. Contract. Consideration, frustration, mistake, unconscionability and bargaining power, implied contracts and restitution. Damages issues: specific performance, penalties and liquidated damages, non pecuniary loss, expectation and reliance damages, recovery for overheads.

V. *Legal System*. Precedent and other rulemaking. Administrative enforcement. Models of common law efficiency. Efficient procedure. Class action suits. Reimbursement of Costs. Contingent fees. Legal aid. Payment into court. Appeal rights.

VI. *Crime*. Definition of crime. Enforcement. Capital punishment and deterrence.

VII. *Family Law*. Economics of Marriage, household production, divorce and alimony, adoption.

VIII. *Housing*. Rent control, tax concessions and the political economy of housing shortage. Housing codes and housing quality.

IX. *Consumer Protection*. Safety regulation, regulated professions, information and prohibition.

X. *Racial and Sexual Discrimination*. Monopoly, signaling and screening.

Recommended reading Posner, *Economic Analysis of Law*; Tullock, *The Logic of the Law*; Hirsch, *Economics of Law*; Burrows and Veljanovski, *The Economic Approach to Law*; Rabin, *Perspectives on Tort Law*; Kronman and Posner, *Economics of Contract*; Ackerman, *Economics Foundation of Property Law*.

JOURNAL ARTICLES: E. J. Mishan, "The Meaning of Efficiency in Economics" (*The Bankers Magazine*, No. 1395, June 1960); R. H. Coase, "The Problem of Social Cost" (*Journal of Law and Economics*, Vol. 3, October 1960); H. Demsetz, "When Does the Rule of Liability Matter?" (*International Journal of Legal Studies*, Vol. 13, 1972); H. Demsetz, "Towards a Theory of Property Rights" (57 *American Economic Review*, Papers and Proceedings 347, 1967); J. R. Gould, "Property, Contract and Welfare Economics"; F. I. Michelman, "Property, Utility and Fairness: Comments on the Ethical Foundation of 'Just Compensation' Law", (80 *Harvard Law Review*, 1165-1258, 1968).

Calabresi and Melamed, "Property Rules Liability Rules and Inalienability: One View of the Cathedral" (*Harvard Law Review* 1089, 1972); R. L. Rabin, *Perspectives in Tort Law*; Posner, chap. 6; Brown, "Towards and Economic Theory of Liability" (*J.L.S.* 323, 1973); Calabresi, "The Costs of Accidents", 1979 (70 *Yale L.J.* 499, 1961; 78 *Harvard L.R.* 713, 1965; 84 *Yale L.J.* 656, 1975; 81 *Yale L.J.* 1055, 1973, with J. T. Hirschhoff); Posner, "A Theory of Negligence" (1 *J.L.S.* 29, 1972); Posner, "Strict Liability: A Comment"

(2 *J.L.S.* 205, 1973); Schwartz, "Contributory and Comparative Negligence: A Reappraisal" (87 *Yale L.J.* 697, 1978); Bishop, "Negligent Misrepresentation Through Economists Eyes" (96 *Law Quarterly Review* 360, 1980); Bishop, "Economic Loss in Tort" (*Oxford J.L.S.*); Symposium on Product Liability, (*University of Chicago L.R.*, Autumn 1970). Especially papers by McKean, Calabresi and Bass, Buchanan, Dorfman; Oi, "The Economics of Product Safety" (*Bell J.E.*, Spring 1973); Hamada, "Liability Rules and Income Distribution in Product Liability" (*A.E.R.*, March 1976); Goldberg, "The Economics of Product Safety and Imperfect Information" (*Bell J.E.*, Autumn 1974); Akerlof, "The Market for Lemons: Quality Uncertainty and the Market Mechanism" (84 *Q.J.E.* 488, 1970); Oi, "The Economics of Industrial Safety" (38 *Law and Contemporary Problems* 669, 1974); Chelius, "The Control of Industrial Accidents: Economic Theory and Empirical Evidence" (38 *Law and Contemporary Problems* 700, 1974); Chelius, "Industrial Accidents: Negligence v. Strict Liability" (5 *J.L.S.* 293, 1976); Reder, "An Economic Analysis of Medical Malpractice" (5 *J.L.S.* 267, 1976); Posner, "Gratuitous Promises in Law and Economics" (6 *J.L.S.* 411, 1977); Landes and Posner, "Unilateral and Implied Contracts and Restitution in Salvors, Finders, Good Samaritans, Rescuers and Other: An Economic Study of Law and Altruism" (7 *J.L.S.* 83, 1978); Trebilcock, "The Doctrine of Inequality of Bargaining Power" (26 *U. of Toronto L.J.* 359, 1976); Trebilcock, "A Theory of Unconscionability" in Reiter and Swan (Eds.), *Studies in Contract Law*; Schwartz and Wilde, "Intervening in Markets on the Basis of Imperfect Information" (127 *U. Pa. L. Rev.* 636, 1979); Posner and Rosenfield, "Impossibility and Related Doctrines in Contract Law" (6 *J.L.S.* 83, 1977); Kronman, "Mistake, Disclosure, Information and the Law of Contract" (7 *J.L.S.* 1, 1978); Joskow, "Commercial Impossibility, The Uranium Market and the Westinghouse Case" (6 *J.L.S.* 119, 1976); Polinsky, *Risk Sharing Through Breach of Contract Remedies*; Goetz and Scott, "Liquidated Damages Penalties and the Just Compensation Principle" (77 *Columbia L.R.* 554, 1977); Kronman, "Specific Performance" (45 *U. Chi. L.R.* 351, 1978); Schwartz, "The Case for

Specific Performers (89 *Yale L.J.* 271, 1979); Harris, Ogus and Phillips, "Contract Remedies and the Consumer Surplus" (95 *Law Quarterly Review* 581, 1979); Rea, *Non-Pecuniary Loss and Breach of Contract*; Barton, "The Economic Basis of Damages for Breach of Contract" (1 *J.L.S.* 277, 1972); Shavell, "On the Design of Contracts and Remedies for Breach" (*Bell J.E.*, Autumn 1980); Goetz and Scott, "Enforcing Promises: An Examination of the Basis of Contract" (89 *Yale L.J.* 1261, 1980); Polinsky, (*supra.*); Speidel and Clay, "Seller's Recovery of Overhead" (57 *Cornell L.R.* 681, 1972); "Student Note, Microeconomics and the Lost Volume Seller" (24 *Case Western Reserve L.R.* 712, 1973); Goetz and Scott, "Measuring Sellers' Damages: The Lost Profits Puzzle" (31 *Stanford L.R.* 323); Williamson, "Transactions Cost Economics: The Governance of Contractual Relations" (22 *J.L.E.* 223); Kronman, "Contract Law and Distributive Justice" (89 *Yale L.J.* 472, 1980); Muris, "Opportunistic Behaviour and the Law of Contract" (65 *Minn. L.R.* 521, 1981); Bishop, *The Contract/Tort Boundary*; Landes and Posner, "Legal Precedent, a Theoretical and Empirical Analysis" (18 *J.L.E.* 875, 1975); Rubin, "Why is the common law efficient?" (6 *J.L.S.* 51, 1977); Priest, "The Common Law process and the selection of efficient rules" (6 *J.L.S.* 65, 1977); Gould, "The Economics of Legal Conflict" (2 *J.L.S.* 279); Phillips and Hawkins, "Settlement out of Court" (39 *M.L.R.*); Schwartz and Mitchell, "An Economic Analysis of the Contingent Fee in Personal Injury Litigation" (22 *Stan. L.R.* 1125, 1970); Dam, "Class Actions: Efficiency, Compensation, Deterrence and Conflict of Interest" (4 *J.L.S.* 47, 1975); Rosenfield, "An Empirical Test of Class Action Settlement" (5 *J.L.S.* 113, 1976); Posner, chap. 7, 21 (especially ss. 1, 2, 3, 6, and 11), 22; Becker, "Crime and Punishment: An Economic Approach" (76 *J.P.E.* 169, 1968); Erlich, "Participation in Criminal Activities: An Economic Analysis" (81 *J.P.E.*, 1973); Erlich, "The Deterrent Effect of Capital Punishment" (65 *A.E.R.* 397, 1975); Stigler, "The Optimum Enforcement of Laws" (78 *J.P.E.*, 1970); Landes, "The Bail System: An Economic Approach" (2 *J.L.S.* 79, 1973); Landes, "An Economic Analysis of the Courts" (14 *J.L.E.* 61, 1971); Posner, "An Economic Approach

to Legal Procedure and Judicial Administration" (2 *J.L.S.* 399, 1973); Posner, "The Behaviour of Administrative Agencies" (1 *J.L.S.* 305, 1972); Posner, chap. 27; Becker, *The Economics of Discrimination* (2nd edn., 1971); Phelps, "The Statistical Theory of Racism and Sexism" (62 *A.E.R.* 659, 1972); Landes, "The Economics of Fair Employment Laws" (76 *J.P.E.* 507, 1968); Spence, *Job Market Signaling*, 1975; Becker, Landes and Michael, "An Economic Analysis of Marital Instability" (85 *J.P.E.* 1141, 1977); Landes, "Economics of Alimony" (7 *J.L.S.* 35, 1978).

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, 17 Russell Square, London WC1B 5DR, or the Timetabling Office at the School.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

LL230 Problems of Civil Litigation (Seminar)

Sir Jack Jacob and Professor Zander. Fortnightly, Michaelmas Term, Weekly, Lent Term. This seminar is supplementary to Course LL.209 (It is not a separate course). Current problems in civil litigation will be discussed.

LL231 Problems in Taxation (Seminar)

Professor Prest and Mr Avery-Jones. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc. Admission by permission.

Syllabus The seminar will discuss the legal accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

LL232 Diploma in Criminal Justice (Class)

Dr Hall Williams.
Fortnightly, Michaelmas and Lent Terms.
For Dip. Criminal Justice.

Philosophy, Logic and Scientific Method

Ph100 Introduction to Scientific Method

Professor Watkins. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths. and Phil., Man. Sci., Phil. and Chem. 1st yr.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus Part (1) of the course deals with general problems in the philosophy of science and is oriented towards the physical sciences; Part (2) deals with problems peculiar to the social sciences.

Part (1): The problem of scepticism concerning induction. Probabilism and the anti-realist development. The alternative aim for science of ever deeper conjectural explanations. The depth, width, and unity of a scientific theory. The problem of the empirical basis. Why corroborations matter.

Part (2): The aim of the social sciences: the discovery of underlying laws, or a historical understanding of unique social constellations, or the explanation of social phenomena as the unintended results of rational action? The benign, and also malign, working of "the invisible hand". Models for its malign working: positive feedback, negative feedback with excessive time-lag, Prisoners' Dilemma. Special problems in testing hypotheses in the social sciences: self-defeating and self-fulfilling predictions, measurability.

Recommended reading Part (1) 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*; G. Radnitzky and G. Andersson (Eds.), *Progress and Rationality in Science*.

FURTHER READING: H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; E. Nagel, *The Structure of Science*, especially chaps. 4, 5, 11 and 14; J. Agassi, *Towards an*

Historiography of Science; M. Polanyi, *Personal Knowledge*; Clark Glymour, *Theory and Evidence*.

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*; *The Philosophy of Karl Popper*; I. Lakatos (Ed.), *The Problem of Inductive Logic*; M. H. Foster and M. L. Martin (Eds.), *Probability, Confirmation and Simplicity*.

Students should also see the recommended reading for course Ph109. **Part (2)** 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*; Anatol Rapoport, *Two-Person Game Theory*; Thomas C. Schelling, *The Strategy of Conflict*; A. Weissberg, *Conspiracy of Silence*.

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*. Students should also see the recommended reading for course Ph105.

Ph100(a) Introduction to Scientific Method Classes

Sessional.

Ph101 Introduction to Scientific Method: Formal Preliminaries

Dr Howson. 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., Man. Sci.,

Phil. and Chem. 1st yr.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.
Syllabus Elements of logical and probability-theory as they relate to topics raised in Ph100.

Recommended reading to be given as course proceeds.

Ph102 Scientific Method

Dr Urbach. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus Deductive and statistical explanations in science. Probabilistic theories of induction. What is a law of nature? The role of "simplicity" in comparing theories. The paradox of confirmation. The notion of "closeness to the truth". Testing Statistical Hypotheses.

Recommended reading Students are expected to have attended course Ph100 and to have completed the required reading for that course. C. G. Hempel, *Aspects of Scientific Explanation*, Chaps. 1, 10 and 12; W. Salmon (Ed.), *Statistical Explanation and Statistical Relevance*, Chaps. 1 and 2; G. H. von Wright, *The Logical Problem of Induction*; G. Polya, *Induction and Analogy in Mathematics*, especially Vol. 2; I. Hacking, *Logic of Statistical Inference*; D. Gillies, *Objective Theory of Probability*.

Ph103 Social Philosophy

Professor Gellner and Dr J. Hall. Thirty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Phil.; M.Sc. Soc. Phil.

Syllabus Philosophy considered as systems of validation and legitimation of world-views, values and institutional arrangements. Typologies of societies and periodicisations of history examined, both for their own philosophical and normative presuppositions, and in order to examine the different role of prescriptive thought in diverse kinds of society. The problem of relativism and types of attempts at overcoming it. Examination of diverse philosophical strategies for validating values. The

interaction of social and intellectual factors in belief systems. At least one pre-industrial social order (usually Islam) covered in a sub-course of ten lectures and several modern ideologies examined in detail.

Recommended reading F. Aron, *The Opium of the Intellectuals*; I. Berlin, *Four Essays on Liberty*; C. D. Broad, *Five Types of Ethical Theory*; N. Chomsky, *Language and Mind*; R. G. Collingwood, *An Autobiography*; M. J. Cowling, *Mill and Liberalism*; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; E. Fromm, *Sigmund Freud's Mission*; I. Kant, *Groundwork of the Metaphysic of Morals*; E. Kedourie, *Nationalism*; T. S. Kuhn, *The Structure of Scientific Revolutions*; A. C. MacIntyre, *A Short History of Ethics*; J. S. Mill, *Utilitarianism*; R. E. Money-Kyrle, *Man's Picture of the World*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; J. P. Plamenatz, *The English Utilitarians*; J. H. Plumb (Ed.), *Crisis in the Humanities*; K. R. Popper, *The Open Society and Its Enemies*; W. G. Runciman, *Social Science and Political Theory*; R. M. Tucker, *Myth and Reality in Karl Marx*; C. H. Waddington et al., *Science and Ethics*; B. Wilson (Ed.), *Rationality*; D. Bell, *The Cultural Contradictions of Capitalism*; G. A. Cohen, *Marx's Theory of History*; Bryce Gallie, *Philosophy and Historical Understanding*; F. A. Hayek, *Three Sources of Human Values*; Fred Hirsch, *The Social Limits of Growth*; Albert Hirschman, *The Passions and the Interests*; Martin Hollis, *Models of Man*; David Hume, *The Natural History of Religion*; Ibn Khaldun, *The Muqaddima* (Franz Rosenthal Translation, one volume edition); G. Lenski, *Power and Privilege*; W. H. McNeill, *The Rise of the West*; D. Miller, *Social Justice*; B. Moore, *Social Origins of Dictatorship and Democracy*; Marshall Sahlins, *Stone Age Economics*; C. Taylor, *Hegel*; T. Veblen, *Theory of the Leisure Class*.

Further reading to be specified in course.
Relevant Courses: Sociology of Islam; (This complements *Social Philosophy* by examining the interaction of ideological and social factors in one type of society endowed with a fairly stable, ideally closed cognitive system.) Social Philosophy; Patterns of History Seminar.

Ph103(a) Class

Ph104 Methodology of the Social Sciences

Dr Urbach. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Soc. Phil.

Syllabus Historicism. Different approaches to explanation in the social sciences. Functional explanation. The mind-body problem. The application of computer simulation in social sciences. Problems of prediction in the social sciences.

Recommended reading K. R. Popper, *The Poverty of Historicism*; R. Borger and F. Cioffi (Eds.), *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.), *Computers and Thought*; A. R. Anderson (Ed.), *Minds and Machines*; M. Apter, *The Computer Simulation of Behaviour*; S. Hook (Ed.), *Dimensions of Mind*.

Ph105 Philosophy of Economics

Mr Klappholz, Dr Perlman, Dr Urbach and Professor Watkins. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus A philosophical examination of the idea of rational choice, both individual and collective. The historical development of theories of individual rationality. Rationality and uncertainty. Classical utilitarianism and the social interest. Collective choice and individual preferences. Individual rights and distributive justice.

Recommended reading L. C. Robbins, *The Nature and Significance of Economic Science*; H. A. Simon, *Models of Man*; J. Rawls, *A Theory of Justice*; A. K. Sen, *Collective Choice and Social Welfare*; K. J. Arrow, *Social Choice and Individual Values*; R. D. Luce and H. Raiffa, *Games and Decisions*; M. Allais and O. Hagan (Eds.), *Expected Utility Hypotheses and the Allais Paradox*; Ward Edwards and Amos Tversky (Eds.), *Decision-Making*; R. E. Butts and J. Hintikka (Eds.),

Foundational Problems in the Special Sciences, Vol. VII and VIII; John C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations*; F. Hahn and M. Hollis (Eds.), *Philosophy and Economic Theory*.

Ph106 History of Modern Philosophy, Bacon to Hume

Professor Watkins. Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley and Hume considered against the rise of modern science.

Recommended reading TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; R. Descartes, *Philosophical Works*, E. Haldane and Ross (Eds.); P. J. Olscamp (Ed.), *Discourse on Methods, Optics, Geometry, and Meteorology*; R. Descartes, *Philosophical Letters* (trans. by Anthony Kenny); J. Locke, *Essay Concerning Human Understanding*; B. Spinoza, *Correspondence*, Wolf (Ed.), *Ethic*; G. W. Leibniz, *Monadology*; *Discourse on Metaphysics and Correspondence with Arnauld*; *Selections* (Eds.), P. P. Weiner; G. Berkeley, *Works*, A. A. Luce and T. E. Jessop (Eds.), Vols. II, IV; D. Hume, *Enquiries; Treatise*; especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; R. Descartes, *Philosophical Writings*, E. Anscombe and P. T. Geach (Eds.); G. Berkeley, *Philosophical Works*, M. R. Ayers (Ed.); G. W. Leibniz, *Philosophical Writings*, M. Morris and G. H. R. Parkinson (Eds. and translators).

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*.

Ph106(a) History of Modern Philosophy Class

Twenty meetings, Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Ph107 Kant

Dr Zahar. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Soc. Phil.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.
Recommended reading I. Kant, *Prolegomena*; S. Körner, *Kant*; P. F. Strawson, *The Bounds of Sense*.

Ph107(a) Class

Ph108 History of Epistemology after Kant

Dr Zahar. Lent and Summer Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Soc. Phil.; M.Sc. Logic and Sci. Meth.; Dip. Soc. Phil.; Dip. Logic and Sci. Meth.

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 E. Mach, *Popular Scientific Lectures*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *Aim and Structure of Physical Theory*; E. Meyerson, *Identity and Reality*.

Ph109 The Rise of Modern Science

Dr Zahar. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus (1) The scientific revolution which started with Copernicus and culminated with Newton; (2) The development of mathematics during this period, particularly, the discovery of the

calculus; (3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's, Mach's and Poincaré's respective appraisals of Newtonian dynamics.

Recommended reading ESSENTIAL READING: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*. FURTHER READING: I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; D. Brewster, *Memoirs of Sir Isaac Newton*; A. I. Sabra, *Theories of Light from Descartes to Newton*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyré, *Newtonian Studies; From the Closed world to the Infinite Universe*; E. A. 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, *Keplar*; 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*; C. Howson, *Method and Appraisal in the Physical Sciences*.

Ph109(a) The Rise of Modern Science Class

Dr Zahar. Twenty classes, Michaelmas and Lent Terms.

Ph110 Fundamental Ideas in Classical and Relativistic Physics

Dr Zahar. Fifteen lectures, Lent and Summer Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd or 3rd yrs.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus Basic notions of Newtonian Mechanics. Mass, Momentum, Energy. Conservation Laws. D'Alembert's Principle. Lagrange's and Hamilton's equations. Space and Time in Classical Physics. Maxwell's and Lorentz's Electromagnetic Theory. Einstein's Special Theory of Relativity. Role of Positivism in Science. Mach's problem and the genesis of General Relativity.

Applied non-Euclidean geometry.
Essential reading C. Howson, *Method and Appraisal in the Physical Sciences*.
Recommended reading A. Einstein and L. Infeld, *Evolution of Physics*; E. Mach, *The Science of Mechanics*; A. Einstein, *Relativity: A Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*.

Ph111 Probability and Induction

Dr Howson. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.
Syllabus The problem of induction and attempts to solve it with the help of probability theory from Bernoulli to Carnap.
Recommended reading R. Carnap, *Logical Foundations of Probability*; P. S. de Laplace, *Philosophical Essay on Probabilities*; H. E. Kyburg and H. Smokler, *Studies in Subjective Probability*; W. Feller, *Introduction to Probability Theory and its Applications*; K. R. Popper, *Logic of Scientific Discovery*.
Other reading will be given as the course proceeds.

Ph112 Introduction to Logic

Dr Urbach. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Syllabus The main problem of logic: which inferences or deductions are 'correct' or valid? The related problems of which sets of assumptions are consistent and of which sentences are logically true ('true in all possible worlds').

Truth-functional logic: a restricted system in which many intuitive inferences can be formally expressed and a decision about their validity arrived at via a finite decision procedure.

First order predicate logic: a system in which the overwhelming majority of inferences both from ordinary discourse and from mathematics and science are adequately representable; rules of proof for first order logic and proofs of validity; the method of interpretation: invalidity of inference, consistency and independence; first order logical truth and

falsity.

Informal arguments: How formal logic helps in the analysis of these; articulating 'hidden assumptions', detecting fallacies. A brief account of some problems in the foundations of logic including the 'paradoxes' of set theory and of truth. Logic and the foundations of mathematics: the power of, and limitations on the axiomatic method; completeness, incompleteness and undecidability.
Recommended reading E. J. Lemmon, *Beginning Logic*; E. Nagel and J. R. Newman, *Gödel's Proof*; B. Mates, *Elementary Logic*; Patrick Shaw, *Logic and its Limits*; R. Smullyan, *What's the Name of this Book?*; P. Suppes, *Introduction to Logic*.

Ph112(a) Classes

Ph114 Introduction to Mathematical Logic

Dr Howson. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths and Phil., Phil. and Chem. 1st yr.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.
Recommended reading E. Mendelson, *Introduction to Mathematical Logic*; P. Suppes, *Introduction to Logic*; J. N. Crossley, *What is Mathematical Logic?*

Ph114(a) Classes

Ph115 Mathematical Logic: Incompleteness and Undecidability

Dr Howson. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.
Syllabus Incompleteness and Undecidability results for first order logic. The notion of an algorithm and the various equivalent mathematical characterisations. Elements of recursive function theory.

Recommended reading E. Mendelson, *Introduction to Mathematical Logic*, Chap. 3 and 5; J. L. Bell and M. Machover, *A Course in Mathematical Logic*, Chap. 6 and 7; M. Davis, *Computability and Unsolvability*; Hartley Rogers Jr., *Theory of Recursive Functions and Effective Computability*.

Ph115(a) Mathematical Logic: Incompleteness and Undecidability Class

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil., Chem. and Phil.

Ph116 Philosophy of Mathematics

Dr Worrall. Ten lectures, Michaelmas Term.

This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus 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. The 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. Some problems in the foundations of logic. Is set theory logic? Are intuitionism and quantum logic serious rivals to classical logic?

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.), *Philosophy of Mathematics—Selected Readings*; I. Lakatos (Ed.), *Problems in the Philosophy of Mathematics*; J. Hintikka (Ed.), *Philosophy of Mathematics*; J. van

Heijenoort (Ed.), *From Frege to Gödel*; A. Fraenkel, Y. Bar-Hillel and A. Levy, *The Foundations of Set Theory*; I. Lakatos, *Mathematics, Science and Epistemology*, (Philosophical Papers Vol. 2); G. Frege, *The Foundations of Arithmetic; The Basic Laws of Arithmetic*; M. Dummett, *Frege; Elements of Intuitionism*; H. Putnam, *Mathematics, Method and Matter* (Philosophical Papers Vol. 1).

SEMINARS

Ph120 Philosophy and Scientific Method

All members of the department. Sessional.

For M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth. and other graduate students.

Ph121 Social Philosophy: Patterns of History

Professor Gellner, Dr Mann and Dr Hall. Sessional.

For M.Sc. Soc. Phil.; Dip. Soc. Phil. and other graduate students.

Ph122 Scientific Method and Epistemology

Dr Urbach and Dr Howson. Michaelmas and Lent Terms.

For M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Ph123 History and Philosophy of Science and Mathematics

Dr Zahar. Sessional.

For M.Sc.; Dip. Logic and Sci. Meth.

Ph124 Philosophy of the Social Sciences

Professor Watkins and Mr Klappholz. Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil. Students are expected to have attended Course Ph100 Introduction to Scientific Method.

Ph125 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.

Ph126 Logic and Scientific Method

Lecturer to be announced.

Twenty meetings, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.

Ph127 Logic and Scientific Method

Lecturer to be announced.

Sessional.

For Dip. Logic and Sci. Meth.; M.Sc. Logic and Sci. Meth.

Ph128 Philosophy of Mathematics

Dr Worrall. Ten seminars, Lent Term.

This course will not be given in 1982-83.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil.; Dip. Logic and Sci. Meth.; M.Sc. Logic and Sci. Meth.

Reference should also be made to the following course:

SM120 Games

Computing

See section for Statistical and Mathematical Sciences under "SM"

Population Studies

Pn100 Population, Economy and Society

Professor Wrigley. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Syllabus The underlying theme of this course is the contrast between traditional and industrial societies in the interlinkage of their economic, social and demographic characteristics. The course will draw chiefly upon the west European experience over the last four centuries. **Recommended reading** will be given during the course.

Pn101(a) Population, Economy and Society Classes

Pn101 Demographic Description and Analysis

Mr Wilson and Mr Langford. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus Sources of information about population; current and cohort methods of description and analysis; the construction of lifetables; measurement of fertility, mortality and nuptiality; the determinants of age structure and the intrinsic growth rate; survey data; the interpretation of population statistics; tests of consistency and reliability. **Recommended reading** will be given during the course.

Pn101(a) Classes

Pn102 The Population History of England

Professor Wrigley. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus Available sources and their exploitation. The phasing of growth; relative importance of fertility, mortality and net migration changes in determining growth rates. Secular and short-term economic and demographic trends. English family structure and marriage behaviour. Fertility and mortality in the industrial revolution; family and kin during the period of rapid urban and industrial growth; the cities, public health and mortality. The decay of the traditional system of social regulation of fertility; the control of fertility within marriage; the special features of the demographic transition in England. **Recommended reading** will be given during the course.

Pn102(a) Classes

Pn103 The Demographic Transition and the Western World Today

Mr Wilson. Twenty-four lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus The acceleration of population growth in the eighteenth and nineteenth centuries, the mechanism of growth and the changes in economy and society which accompanied it. The course and characteristics of falling mortality. The control of fertility within marriage; fertility control as diffusion or innovation; revisions made necessary by micro-level studies. The degree of homogeneity within European experience the special case of France. The limits of mortality decline. Post-transition fertility behaviour; changes in the form and function of marriage. The modern determinants of short and long-term trends in fertility, nuptiality and mortality; age structure, dependency and social service provision.

Recommended reading will be given during the course.

Pn103(a) Introduction to Demographic Techniques Classes

Six classes, Michaelmas Term.

Pn103(b) The Demographic Transition of the Western World Classes

Fourteen classes, Lent and Summer Terms.

Pn104 Third World Demography

Mr Dyson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II, B.Sc. c.u.; M.Sc.

Syllabus Sources of data and approaches to them. Distribution and growth of population in developing countries and their demographic characteristics. Causes and concomitants of fertility differentials and trends: mortality, nuptiality, contraception, breast-feeding, education, economic motivation, urbanization, status of women. The mortality decline: nutrition and health. Demographic-economic interrelations: fertility, mortality, age structure, income level and distribution, social capital provision. Family planning programmes. Explanations of fertility decline. **Recommended reading** R. H. Cassen, 'Population and Development. A Survey' in *World Development*, 1976; R. G. Ridker (Ed.), *Population and Development - the Search for Selective Interventions*; and the journal *Population and Development Review*. Further references will be given during the course.

Pn104(a) Introduction to Demographic Techniques Classes

Six classes, Michaelmas Term.

Pn104(b) Third World Demography Classes

Sessional.

Pn105 Migration

Mr Dyson, Mr M. J. Murphy and Mr Wilson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus The relevance of areal perspectives in demography. Integration of migration into models of population dynamics.

Measurement problems both theoretical and empirical; gross and net flows;

migration as a function of the size of the unit area studied. The influence of migration on the demographic characteristics of a population and vice-versa. Models of migration; 'push' and 'pull' factors; migration flows and individual and family life cycles; the economic and social correlates of migration; social and geographical mobility. Continuity of patterns in periods of rapid economic and social change; migration and the breakdown of traditional attitudes; internal migration and the city with special attention to the history of migration in Britain and in contemporary third world countries. **Recommended reading** will be given during the course.

Pn105(a) Introduction to Demographic Techniques Classes

Six classes, Michaelmas Term.

Pn105(b) Migration Classes

Sessional.

Pn106 Family Composition, Kin and the Life Cycle

Mr M. J. Murphy, Mr Dyson and Mr Wilson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus Demographic description and analytic techniques for the study of families and households. The nature of demographic constraints upon family composition; features sensitive to change in demographic parameters; interplay of cultural, social and economic factors in influencing family composition. Distinctions between the conjugal family and the household. The changing balance of dependants during the life cycle of the individual and the family; production and consumption over the life cycle; redistribution of resources within families and kin groups; questions of inheritance and treatment of the aged. Household projections.

Special attention will be paid to the patterns found in historical Europe and in contemporary societies, both developing and developed.

Recommended reading will be given during the course.

Pn106(a) Introduction to Demographic Techniques Classes
Six classes, Michaelmas Term.

Pn106(b) Family Composition, Kin and the Life Cycle Classes
Sessional.

Pn107 Mathematical and Statistical Demography
Mr M. J. Murphy. Thirteen two-hour lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.
Syllabus Mathematical and behavioural models of fertility, nuptiality, mortality and reproductivity: their influences on population growth. Methods of forecasting population in developed and developing countries. Life table analysis including continuous and multiple decrement formulations. Stationary and stable population theory including population projections. Cohort and period analysis. Methods of estimating demographic variables in developed and developing countries.
Recommended reading will be given during the course.

Pn107(a) Introduction to Demographic Techniques Classes
Six classes, Michaelmas Term.

Pn107(b) Mathematical and Statistical Demography Classes
Thirteen classes, Lent and Summer Terms.

Pn150 Social and Economic Demography
Mr Langford. Ten lectures, Michaelmas Term.

For M.Sc.
Syllabus The socio-economic context and its relationship to the fertility, mortality and nuptiality characteristics of populations: contrasts between traditional and modern societies. Models of the inter-relationships between demographic, social and economic variables.
Recommended reading will be given during the course.

Pn150(a) Classes

Pn151 The Analysis of Fertility and Mortality
Mr Wilson and Mr Langford. Twenty lectures, Michaelmas Term.

For M.Sc.
Syllabus Measures of marital and overall fertility, nuptiality and replacement; intermediate fertility variables and models of marriage and birth. The construction and interpretation of life tables and other measures of mortality; logit life tables and the concepts of stationary and stable populations.
Recommended reading will be given during the course.

Pn151(a) Classes

Pn152 Population Dynamics and Projections
Professor Brass. Fifteen meetings, Lent and Summer Terms.

For M.Sc.
Syllabus Variations in the level and pattern of nuptiality, fertility and mortality. Population growth theory. Stable and quasi-stable population characteristics. The concepts of fertility measurement. The nature of mortality variation. Relations between fertility, mortality and age distribution. The influence of changing fertility and mortality on growth rates. Techniques of projection and the evaluation of their application.
Recommended reading will be given during the course.

Pn153 The Collection of Demographic Data
Mr Dyson. Ten lectures, Michaelmas Term.

For M.Sc.
Syllabus The historical development of demographic statistics. The stages involved in planning a census. The content of census schedules. Basic response errors. The structure of census organization. Vital registration. Types of demographic sample survey. The World Fertility Survey programme.

Recommended reading will be given during the course.

Pn153(a) Classes

Pn154 Demographic Sampling and Survey Design
Mr Dyson. Five lectures, Lent Term.

For M.Sc.
Syllabus Basic principles of scientific sampling and their application to demographic surveys. Questionnaire and sample survey design.
Recommended reading will be given during the course.

Pn154(a) Classes

Pn155 Indirect Demographic Estimation
Professor Brass. Ten lectures, Lent Term.

For M.Sc.
Syllabus Estimation of mortality from reports of survivorship (of children, parents, first spouse) at censuses or surveys. The evaluation and adjustment of death registration data by growth-balance methods. Estimation of fertility from the comparison of cohort measures from census or surveys with time-period rates and from analyses by birth order. Reverse survivor methods. Uses of mortality and fertility models.
Recommended reading will be given during the course.

Pn155(a) Classes

Pn156 The Detection and Reduction of Errors in Demographic Data
Mr Dyson. Ten lectures, Lent Term.

For M.Sc.
Syllabus Detection of age errors in census data. Models of fertility and mortality. The graduation of age/sex distributions. Estimating mortality from intercensal survivorship; forward and reverse survival. The use of stable and quasi-stable population models.
Recommended reading will be given during the course.

Pn156(a) Classes

Pn157 Evaluation of Family Planning Programmes
Mr Dyson. Five lectures, Summer Term.

For M.Sc.
Syllabus The concept of evaluation and its relation to theories of the determinants of fertility. Data problems. Methods of evaluation: standardization, fertility trend analysis, cost-benefit analysis, computation of births averted, experimental design, other analytic methods. Monitoring approaches: record keeping and in-depth studies. Assessment of the success of family planning programmes.
Recommended reading will be given during the course.

Pn157(a) Classes

Pn158 Sources and Techniques of Historical Demography
Professor Wrigley. Five lectures, Summer Term.

For M.Sc.
Syllabus The nature of historical source material: problems of coverage and bias. Opportunities and problems presented by the data. Aggregative and nominal techniques of tabulation and analysis.
Recommended reading will be given during the course.

Pn158(a) Classes

Pn159 Computing for Demographers (Class)
Mr Wilson. Ten classes, Lent Term.

For M.Sc.

Pn160 Social Demography (Graduate Class)
Mr Langford. Fifteen 1½ hour classes on topics arising from Pn150, Summer Term.

Pn161 Fertility and Mortality in their Socio-Economic Context (Seminar)

Arranged by Mr Langford. Nineteen 1½ hour meetings, Michaelmas and Lent Terms. For M.Sc.

Syllabus Trends and patterns of mortality, nuptiality and fertility in both western and non-western societies.

Psychology

Ps100 Introduction to Individual and Social Psychology

Dr Gaskell, Dr Stockdale and Mr Holmes. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Soc. Psych., Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr., Geog., Soc., Soc. Anth.; B.Sc. S.S. and A. 2nd and 3rd yrs.; Dip. Soc. Admin. **Syllabus** The ways in which the individual orients himself in the world; the processes of socialisation through social learning and identification: familial and social influences. The development of individual differences in ability; the meaning and measurement of intelligence. Definitions and dynamics of personality. Attitudes and opinions. Social interaction in groups; conformity, obedience, interpersonal communication.

Recommended reading R. Brown and R. J. Herrnstein, *Psychology*; R. Brown, *Social Psychology*; D. Wright *et al.*, *Introducing Psychology: an Experimental approach*; B. Foss (Ed.), *New Horizons in Psychology*, Vol. 1; P. Dodwell (Ed.), *New Horizons in Psychology*, Vol. II; H. Tajfel and C. Fraser, *Introducing Social Psychology*.

Ps100(a) Introduction to Individual and Social Psychology (Classes)

Sessional. For B.Sc. c.u. main field Soc. Psych. 1st yr.

Ps100(b) Introduction to Psychology (Classes)

Sessional. For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci., Man. Sci., Soc., Soc. Anth.

Ps101 Psychoanalytic Theories and their Derivatives

Dr Hildebrand. Six lectures, Lent Term. For B.Sc. c.u. main field Soc. Psych. 1st

yr. Optional for B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. I.

Ps103 Developmental and Biological Aspects of Behaviour

For B.Sc. c.u. main field Soc. Psych. 1st yr. and other interested students.

(i) Developmental Psychology

Dr McShane. Fifteen lectures, Michaelmas and Lent Terms.

Syllabus Cognitive, linguistic and social development in infancy and early childhood.

Introductory reading M. Donaldson, *Children's Minds*; K. Danziger, *Socialization*.

(ii) Physiological Psychology

Dr Green. Twelve lectures, Michaelmas and Lent Terms.

Syllabus Psychobiology; structure and function of the nervous system, including sense organs, physiological aspects of arousal, motivation and emotion; hemisphere differences; memory and learning; drugs and behaviour; sleep.

Ps103(i)(a) Developmental Psychology (Classes)

Fortnightly, Michaelmas and Lent Terms.

Ps105 Methods of Psychological Research I: General and Statistical

Dr Stockdale and Dr Seaborne. Twenty-three Laboratory sessions, Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus Introduction to experimental design and research methods in relation to the design and conduct of laboratory and field studies of learning, memory, thinking, perception and social behaviour. Testing, measurement and scaling in psychological assessment of attitudes, personality and intelligence. The experiments will be related to topics discussed in course Ps100.

Recommended reading will be given during the course.

Ps106 Personality and Social Behaviour

Mr A. D. Jones and Dr A. P. Sealy. Twenty-eight lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Psych. and other interested students.

Syllabus Personality processes; individual differences; the study of response to extreme situations; the recognition of, and coping with, threat. Self-concept and personal adjustment. The nature of abnormal behaviour and its diagnosis. Classical diagnostic classifications; models of mental illness and their significance of treatment; major methods of psychotherapy, including behaviour modification, psycho-pharmacology, individual and group psychotherapy. Psychoanalysis, its context, methods and varieties. Empirical bases of psychoanalysis. The social psychological bases of social phenomena and social behaviour. The part played by attitudes, elementary group processes, roles and individual identity in human action. Interpersonal relationships in society and the perceptual and motivational processes underlying them. Problems involved in studying social psychological processes within a scientific framework. Dyadic interaction and exchange theory. Social change and the human life cycle.

Recommended reading will be given during the course.

Ps106(a) Personality and Social Behaviour (Classes)

Sessional.

Note Students taking Course Ps106 are also expected to attend Course Ps113.

Ps108 Methods of Psychological Research II: Social and Statistical

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; Dip. Soc. Psych. and other interested students.

(i) Methods of Psychological Research

Dr Gaskell and Dr A. P. Sealy. Fifteen lectures, Michaelmas and Lent Terms.

(ii) Laboratory Sessions

Dr Gaskell, Dr A. P. Sealy, Dr Seaborne and Dr McShane.

Twenty-four meetings, Sessional.

Syllabus Assumptions underlying social and psychological experimentation and research. Problems of measurement and the assessment of individual differences, in particular attitude scaling, personality questionnaires, projective techniques and repertory grids. Practical experience in the conducting of psychological experiments in the areas of cognitive and social psychology. Training in observational methods and interviewing.

(iii) Psychological Statistics

Dr Stockdale. Sessional.

Syllabus Parametric and non-parametric techniques of data analysis.

(iii)(a) Psychological Statistics (Classes)

Sessional.

Ps109 Cognitive Psychology

Dr Seaborne and Dr McShane. Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Psych. and other interested students.

Syllabus This unit is intended to build on the cognitive aspects of the first year units. Introduction to Individual and Social Psychology and Developmental and Biological Aspects of Behaviour. The course will cover some aspects of learning, especially attention models, theories of social learning and cognitive and other models of behaviour modification. It will also be concerned with perceptual processes including perceptual learning, organisation and retrieval from long-term memory and semantic memory models and with conceptual processes such as problem solving, creativity, imagery and basic psycholinguistics.

Ps109(a) Classes

Sessional.

Ps113 Abnormal Psychology

Dr Trauer. Eight lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; Optional for M.Sc.; B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. I.

Syllabus Aspects of abnormal psychology; classification; aetiology, treatments, theories of mental illness.

Ps115 Advanced Study of Psychological Processes

Members of the Department. Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych. Optional for M.Sc.

Syllabus The general emphasis will be on cognitive social processes: aspects of information processing; decision analysis; person perception and attribution theory; cognitive structure and its development; theoretical and methodological aspects of attitude measurement and change.

Ps115(a) Classes

Weekly, Michaelmas and Lent Terms.

Ps116 Social Change and Social Organisations

Members of the Department. Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych. Optional for M.Sc.

Syllabus The focus of the course will be on social change and related mechanisms at individual, group and societal level: theories or role, self, norms; processes of social influence and change; equity and exchange theory; selected aspects of life cycle changes and sex differences; intergroup processes. The study of organisations and their response to change.

Ps116(a) Classes

Sessional.

Ps118 Child Development

Dr McShane. Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych.; M.Sc.

Syllabus Advanced study of the theories and research that focus on the processes of cognitive, linguistic and social development.

Ps119 Personality and Motivation (Seminar)

Dr A. P. Sealy. Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych.

Syllabus An analysis of the relationships between personality and psychopathology, especially schizophrenia and deviance. Self theory. Psychoanalytic and other theories of affect. Multivariate approaches to personality assessment. Self-concept and alienation.

Recommended reading B. Maher, *Principles of Psychopathology*; J. Wiggins *et al.* *The Psychology of Personality*; M. Arnold, *Emotions and Personality*; R. B. Cattell (Ed.), *Handbook of Multi-variate Experimental Research*.

Ps120 The Role of Broadcasting

Professor Himmelweit. Five lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych.; M.Sc. and other interested students.

Note B.Sc. c.u. main field Soc. Psych. third-year students must attend Course Ps152(ii) and may also attend Courses Ps150, Ps156, Ps157, Ps159 and Ps161.

ADVANCED COURSES

Not all courses will be available every year.

Ps150 Communication and Attitude Change (Seminar)

Professor Himmelweit and others. Sessional.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.; Dip. Soc. Psych.

Note Students taking this course will attend Ps120 The Role of Broadcasting.

Child Development and Socialisation (Seminar)

Students are referred to Course Ps118.

For M.Sc. and other graduate students.

Ps152 Social Psychological Methods of Research

(i) Survey Methodology and Experimental Design

Dr Oppenheim and Dr Gaskell.
Michaelmas and Lent Terms.
For M.Sc. and other graduate students.

(ii) Advanced Data Analysis

Dr Gaskell and Dr Stockdale.
Michaelmas and Lent Terms.
For B.Sc. c.u. main field Soc. Psych.;
M.Sc. and other graduate students.

Ps153 Social Psychology of Organizations. The Nature and Derivation of the Social Form (Seminar)

Mr R. Holmes. Sessional.
For M.Sc. and other graduate students.

Ps154 Personality (Seminar)

Dr A. P. 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; self-theories; problems of assessment and change in personality. The concept of alienation; its relation to deviance and mental illness. Before joining this course it is suggested that students should be well acquainted with the following or their equivalents: L. Janis, R. Holt, I. Kagan and G. F. Muhl, *Personality*; S. Maddi, *Personality Theories*; E. Borgatta and W. Lambert, *Handbook of Personality Theory and Research*, chaps. 7, 10, 12, 20 and 21.

Ps155 Groups and Group Functioning (Seminar)

Sessional.
This course will not be given in 1982-83.
For M.Sc. and other graduate students;
Dip. Soc. Psych.

Ps156 Social Psychology of Conflict (Seminar)

Dr Oppenheim. Sessional.
This course will not be given in

1982-83.

For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.

Ps157 Interpersonal Behaviour (Seminar)

Mr A. D. Jones. Sessional.
For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
M.Sc.; Dip. Soc. Psych. and other graduate students.

Ps158 Industrial Psychology

Mr R. Holmes. Ten lectures and classes, Lent Term.
For M.Sc.

Syllabus Individual maturation and maladjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations, resistance to change. The nature of incentives. Supervisory and other leadership. Psychological and organizational factors in communication. Reading will be recommended during the course.

Ps159 The Psychological Study of Social Issues (Seminar)

Dr Oppenheim, Professor Himmelweit and Dr A. P. Sealy. Sessional.
For M.Sc.; Dip. Soc. Psych. 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 education, deviance, social medicine, political behaviour, the mass media, legal procedure, etc. The particular areas to be examined will depend on staff and student interest.

Ps160 Language, Thought and Communication (Seminar)

Sessional.
This course will not be given in 1982-83.
For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.
Syllabus (1) General background: innateness and cognition, animal communication, biological factors and critical periods. (2) Language

development: parental input, initial word combinations, morphology and syntax. (3) Language and mind: models of comprehension, models of production, pauses and slips of the tongue. (4) Sociolinguistics: language variation among social groups, language change.

Ps161 Psychology (Seminar) Members of the Department. Fortnightly, Sessional.

For all graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.
Papers will be presented by members of staff and outside speakers.

Ps162 Current Research in Social Psychology (Seminar) Fortnightly, Sessional.

For staff and graduates.

Psychology graduates are expected to attend Course SM268 and are also referred to Courses Ps113, Ps115, Ps116 and Ps120.

Social Science and Administration

SA100 Introduction to Social Policy

Professor Pinker and Dr M. Brown, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. S.S. and A. 1st yr.; B.Sc. c.u.; Optional for Dip. Soc. Pol. and Admin. Option I and II.

Syllabus Ideas about social policy: the contribution of social and political theorists and economists; debates about the appropriate scale and nature of government interventions; the changing and conflicting definitions of citizenship, freedom and distributive justice; the social division of welfare.

The course examines how certain social and economic needs of individuals and groups are identified; how policies are formulated; and how government bodies sometimes change their structure in response to these perceived needs; how policies are administered, and revised in response to changing circumstances; the impact of interest groups and changing technology; the debate about planning, resources, and manpower. These topics will be illustrated by reference to selected pieces of social legislation in the fields of health, housing, social security, education, the personal social services and employment. The main focus will be on Great Britain, but comparative material from other societies will also be used.

Recommended reading T. H. Marshall, *Social Policy*; W. A. Robson, *Welfare State and Welfare Society*; K. G. Banting, *Poverty, Politics and Policy*; J. R. Hay, *The Origins of the Liberal Welfare Reforms 1906-1914*; G. Dangerfield, *The Strange Death of Liberal England*; M. Hill, *The State, the Administration and the Individual*; P. Self, *Administrative Theories and Politics*; R. G. S. Brown, *The Administrative Process in Britain*; R. Mishra, *Society and Social Policy*; I. Gough, *The Political Economy of the Welfare State*; M. Rein, *Social Science and Public Policy*; P. Hall *et al.*, *Change, Choice and Conflict in Social Policy*; G. Room, *The Sociology of Welfare*; J. Parker, *Social Policy and Citizenship*; A. Seldon, *Overruled on Welfare*; J. Harris, *Unemployment and Politics*; P. Townsend, *Poverty in the United Kingdom*; R. M. Titmuss, *Essays on the Welfare State*;

Social Policy: An Introduction.

SA100(a) Introduction to Social Policy (Classes)

For B.Sc. (Econ.) Parts I and II.

SA101 Social Policy from the Industrial Revolution to the Second World War

Dr J. E. Lewis. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr. Optional for Dip. Soc. Pol. and Admin. Option I; M.Sc.

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. Fraser (Ed.), *The New Poor Law in the Nineteenth Century*; 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, *William Beveridge: a biography*; 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*; P. Addison, *The Road to 1945.*

SA101(a) Social Policy from the Industrial Revolution to the Second World War (Classes)

Miss Sainsbury and Dr J. E. Lewis. Sessional.

For B.Sc. S.S. and A. 1st yr.

SA102 Social Policy and Administration since the Second World War

Mr Glennerster and others.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. Options I and II; M.Sc.

Syllabus The main developments in the institutional and legal framework of social service provision since the Second World War, set in political and economic context of the period. A survey in greater detail of the main fields of social policy: income distribution, education, housing, medical care and the personal social services.

Introductory reading 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*; J. Harris, *William Beveridge*; T. H. Marshall, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; K. G. Banting, *Poverty, Politics and Policy*; I. Gough, *The Political Economy of the Welfare State*; K. Fenwick and P. McBride, *The Government of Education.*

SA102(a) Social Administration (Classes)

Summer Term.

For B.Sc. S.S. and A. 1st yr.

SA102(b) Social Administration (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 2nd yr.

SA103 Social Policy

Mr Carrier, Mr Reddin and Mr Glennerster. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

Syllabus The boundaries of social policy. Philosophical ideas underlying choices in social policy; key debates in the literature; 'models' of welfare. These lectures will centre on social policy in Britain and other industrialised countries examined from the perspectives of different social science disciplines.

Recommended reading R. M. Titmuss, *Problems of Social Policy; The Gift Relationship; Social Policy: An Introduction*; R. A. Pinker, *Social Theory*

and Social Policy; The Idea of Welfare; P. Hall *et al.*, *Change, Choice and Conflict in Social Policy*; M. Hill, *The State, Administration and the Individual*; W. A. Robson, *The Welfare State and Welfare Society*; J. R. Hay, *The Origins of the Liberal Welfare Reforms, 1906-1914*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Rawls, *A Theory of Justice*; W. G. Runciman, *Relative Deprivation and Social Justice*; D. Miller, *Social Justice*; R. Mishra, *Theoretical Perspectives on Welfare*; Graham Room, *The Sociology of Welfare*; Ian Gough, *The Political Economy of the Welfare State*; R. Plant *et al.*, *Political Philosophy and Social Welfare*; Keith G. Banting, *Poverty, Politics and Policy*; M. Adler and S. Asquith, *Discretion and Welfare*; P. Taylor-Gooby and J. Dale, *Social Theory and Social Welfare*; P. Townsend, *Poverty in the United Kingdom*; D. Donnison, *The Politics of Poverty*; J. Higgins, *States of Welfare*; M. Brown and N. Madge, *Despite the Welfare State.*

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. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA105 Contemporary Aspects of Social Work and Social Administration

Mr Rees and others. Ten lectures, Lent Term.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. I. Optional for Option II and M.Sc.

Syllabus Special lectures by a variety of outside speakers on a number of topical aspects of social work and social administration.

SA106 Social Policy and Administration

Professor Pinker, Mr Reddin, Dr M. Brown and others.

Twenty lectures, Michaelmas and Lent Terms.

For Dip. Soc. Pol. and Admin. Options I and II; M.Sc.

Syllabus A review of the field of study and some key concepts and theoretical perspectives. An evaluation of the objectives, methods, and effectiveness of social policy: need and resource allocation, redistribution, the social division of welfare, poverty and urban deprivation, the persistence of inequality, central and local government relations, economic and organisational aspects. New developments and the search for solutions.

Introductory reading D. V. Donnison *et al.*, *Social Policy and Administration Revisited*; A. Forster, *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*; Hall, Land, Parker and Webb, *Change, Choice and Conflict in Social Policy*; G. Room, *The Sociology of Welfare*; I. Gough, *The Political Economy of the Welfare State*; W. Robson, *Welfare State and Welfare Society*.

SA106(a) Social Policy and Administration (Classes)

Mr Reddin and Dr M. Brown. Sessional.

For Dip. Soc. Pol. and Admin. Options I and II.

SA107 Elements of Political Theory (Classes)

Five classes, Summer Term.
For B.Sc. S.S. and A. 1st yr.

SA109 Sociology and Social Policy

Professor Pinker, Dr Bulmer, Dr Downes, Mr J. Carrier and Dr Ferguson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; Dip. Soc. Pol. and Admin. Options I and II; M.Sc. **Syllabus** The application of sociology to issues of social policy in a number of fields, including education, health, housing and town planning, income distribution, the personal social services, crime and deviance. The definition, scope and content of social policy and the relationship of sociological theory and method to social policy analysis.

Introductory reading T. H. Marshall, *Sociology at the Crossroads: The Right to Welfare and other essays*; R. Pinker, *The Idea of Welfare: Social Theory and Social Policy*; P. Marris and M. Rein, *Dilemmas of Social Reform*; P. Townsend, *Sociology and Social Policy*; M. Rein, *Social Science and Public Policy*; J. Warham, 'Social Administration and Sociology', *Journal of Social Policy*, Vol. 2, 1973; G. Room, *The Sociology of Welfare*; R. Mishra, *Society and Social Policy*; P. Taylor-Gooby and J. Dale, *Social Theory and Social Welfare*; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*; C. A. Valentine, *Culture and Poverty*; P. Townsend, *Poverty in the United Kingdom*; F. Coffield *et al.*, *A Cycle of Deprivation?*; A. H. Halsey, *Change in British Society*; J. W. B. Douglas, *The Home and the School*; M. Blaxter, *The Health of the Children*; M. Crozier, *The Bureaucratic Phenomenon*; A. Etzioni, *The Semi-Professions*; Elizabeth Wilson, *Women and the Welfare State*; M. Hill, *The Sociology of Public Administration*; D. Harvey, *Social Justice and the City*; W. G. Carson and P. Wiles (Eds.), *Crime and Delinquency in Britain*; V. George and P. Wilding, *Ideology and Social Policy*; M. Bulmer (Ed.), *Social Policy Research*.

SA109(a) Social Structure (Classes)

(i) Fortnightly, Sessional.

For Dip. Soc. Pol. and Admin. Option I.

(ii) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

(iii) Summer Term.

For B.Sc. S.S. and A. 1st yr.

SA110 Introduction to Social and Political Theory

Dr Downes and Professor Pinker. Ten lectures.

Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.

Syllabus The course relates the basic elements of 19th and 20th century social and political theory to the study of social policies by considering (a) practical issues of social and political control; democracy;

industrialisation; social order and social change; (b) a number of sociological perspectives on society (classical and neo-functionalism; action theory; the sociology of knowledge; the sociology of the everyday world).

Introductory reading H. Stuart Hughes, *Consciousness and Society*; R. A. Pinker, *Social Theory and Social Policy*; W. G. Runciman, *Social Science and Political Theory*; R. A. Nisbet, *The Sociological Tradition*; Peter Berger, *Invitation to Sociology*; A. Giddens, *Studies in Social and Political Theory*; D. Silverman, *A Theory of Organisations*.

SA110(a) Introduction to Social and Political Theory (Classes)

Dr Downes and Dr Swingewood. Michaelmas and Lent Terms, Fortnightly.

For B.Sc. S.S. and A. 1st yr.

SA111 Introduction to Social Work and Social Work Method

Mr Rees and others. Ten lectures, Lent Term.

For Dip. Soc. Pol. and Admin. Option I. Optional for Option II.

Syllabus The development of social work since 1869, including training and the debate on concepts and ideologies in social work. The deployment of social work staff in statutory and voluntary personal social service agencies.

Professionalism in social work. The common basis of social work practice. Introduction to methods of social work intervention, skills and knowledge in social work, and current issues. Casework, group work processes and community work.

Introductory reading H. M. Bartlett, *The Common Base of Social Work Practice*; F. Biestek, *The Casework Relationship*; Z. T. Burtym, *The Nature of Social Work*; DHSS, *S.S. Teams: The Practitioners View*; E. de Schweinitz and K. de Schweinitz, *Interviewing in the Social Services*; E. M. Goldberg, *Helping the Aged* (Chapter on "Objectives of Social Work"); H. Jones (Ed.), *Towards a New Social Work*; H. H. Perlman, *Casework Within Social Work*; Pincus and Minaham, *Social Work Practice - Model and Method*; R. A. Pinker, *The Ideal of Welfare*; E. Sainsbury, *The Personal Social Services*; Specht and Vickery,

Integrating Social Work Methods; N. Timms and R. Timms, *Perspectives in Social Work*; A. Vickery, *Caseload Management*; S. Walrond-Skinner (Ed.), *Family and Marital Psychotherapy*; B. Wootton, *Social Science and Social Pathology*; E. Youngusband, *Social Work in Britain in 1950-75* (Vols. 1 and 2); M. Davies, *The Essential Social Workers*; M. Yelloly, *Social Work Theory and Psychoanalysis*.

SA112 Values and Ethics in Social Work

Mr Rees. Three seminars, Lent Term.

For Dip. Soc. Pol. and Admin. Option I. Optional for Option II.

Syllabus A code of ethics for social work. Self determination, confidentiality and authority in social work, the exercise of discretion. The value judgements underlying social workers' interventions.

Introductory reading W. Barclay, *Ethics in a Permissive Society*; BASW *Code of Ethics for Social Work*; CCETSW Paper No. 13, *Values in Social Work*; I. Epstein, *The Politics of Behaviour Therapy*; Foren and Bailey, *Authority in Social Case Work*; P. Leonard, *Explanation and Education in Social Work*; E. E. McDermott (Ed.), *Self Determination in Social Work*; Timms and Watson (Eds.), *Philosophy in Social Work*; E. Youngusband (Ed.), *Social Work and Social Values*; R. Plant, *Social and Moral Theory in Casework*.

SA113(a) Visits of Observation Classes

Mr Rees.

For Dip. Soc. Pol. and Admin. Option I.

SA113(b) Field Work Classes

Mr Rees.

For Dip. Soc. Pol. and Admin. Option I.

SA113(c) Social Research for Field Work Classes

Mr Rees and others.

Subject to availability of suitable project.

For Dip. Soc. Pol. and Admin. Option I.

SA115 Methods of Social Investigation

Dr Bulmer, Dr Husbards and Dr Phillips. Twenty lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.; B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II; Dip. Soc. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus This course examines some basic issues and methods of social research; while the emphasis is on the execution of surveys, other procedures are also considered. Topics covered include: the nature and conduct of social research in social policy and sociology; selection of research problems; research design, including experimental design; techniques of measurement and the assumptions behind them; elementary sampling; data collection, preparation and analysis in social survey research; simple causal modelling; the use of observation, official statistics and historical documents; social monitoring; reliability and validity of social data; the relationship between theory and research; objectivity and values; and the relationship between social research and social policy.

Recommended reading H. M. Blalock, *An Introduction to Social Research*; C. Sellitz et al., *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; M. Bulmer (Ed.), *Sociological Research Methods*, Parts 1 and 2; G. Rose, *Deciphering Sociological Research*; M. Stacey, *Methods of Social Research*; S. Stouffer, "Some observations on study design", *American Journal of Sociology*, 60, 1950; M. Rosenberg, *The Logic of Survey Analysis*; H. Zeisel, *Say it with Figures*; E. J. Webb et al., *Unobtrusive Measures*; H.M.S.O., *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield and S. Shaw, *Social Indicators and Social Policy*; M. Carley, *Social Measurement and Social Indicators*; D. T. Campbell and J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall and J. L. Simmons (Eds.), *Issues in Participant Observation*; I. Deutscher, *What we Say/What we Do*; E. H. Carr, *What is History?*; L. Gottschalk, *Understanding History*; K. Popper, *The Poverty of Historicism*; E. Nagel, *The Structure of Science*; M. Weber, *The Methodology of the Social Sciences*; G. Myrdal, *Value in Social Theory*; G.

Sjoberg (Ed.), *Politics, Ethics and Social Research*; M. Bulmer (Ed.), *Social Research Ethics*; L. Rainwater and W. L. Yancey (Eds.), *The Moynihan Report and the Politics of Controversy*; W. G. Runciman, *Social Science and Political Theory*; M. D. Shipman, *The Limitations of Social Research*; M. Bulmer (Ed.), *Social Policy Research*.

SA115(a) Methods of Social Investigation (Project Class)

Six classes, Summer Term.

For B.Sc. S.S. and A. 1st yr.

SA115(b) Methods of Social Investigation (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.

SA115(c) Statistics (Classes)

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

SA116 Psychology in Social Administration

Professor Plowman. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. Option I.

Syllabus and **recommended reading** will be given during the course.

SA116(a) Psychology in Social Administration (Classes)

Professor Plowman.

(i) Summer Term.

For B.Sc. S.S. and A. 2nd yr.

(ii) Sessional.

For Dip. Soc. Pol. and Admin. Option I.

SA117 Psychology in Social Administration (Seminar)

Professor Plowman. Sessional.

For B.Sc. S.S. and A. 3rd yr.

Syllabus Psychology in relation to social administration and social work - its contributions and limitations with regard to the understanding of individual and social problems, administrative processes, professional roles and the formulation of social policy. Illustrations from case

studies in social administration and social work, from industry and other organisations, and from areas such as delinquency, race relations, changes in social services and the growth of professions. Psychological problems of gathering material. Interaction between people. Behaviour in groups. Power, authority and status.

Recommended reading to be given during the course.

SA120 Social and Political Theory (Class)

(a) Dr J. E. Lewis. Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 2nd yr.

(b) Dr Downes. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA121 Educational Policy and Administration

Mr Glennerster. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus The formation of educational policy in Britain, the role of central and local government, school governing bodies, professional organisations and pressure groups. The provision of education - costs, methods of finance, distribution of resources, educational planning and the determination of priorities from pre-school to higher education.

Recommended reading R. Barker, *Education and Politics 1900-51*; G. Fowler (Ed.), *Decision-Making in British Education*; D. E. Regan, *Local Government and Education*; K. Fenwick and P. McBride, *The Government of Education*; M. Rutter et al., *Fifteen Thousand Homes*; M. Kogan, *Educational Policy-Making*; W. Kenneth Richmond, *Education in Britain since 1944*; J. Eggleston (Ed.), *Contemporary Research in the Sociology of Education*; M. Blaug, *An Introduction to the Economics of Education*.

Further reading will be given during the course.

SA121(a) Educational Policy and Administration (Class)

Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

SA121(b) Educational Policy and Administration (Class)

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA122 Race Relations and Minority Group

Dr Bulmer and Mr J. Carrier.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.;

Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus A study of social differentiation by race or ethnicity in human societies: the nature, causes and consequences of such differentiation; the social and psychological processes involved; and the structure and dynamics of racially-differentiated and ethnically plural societies. To include: (a) an examination of concepts and theories relating to this field; (b) a comparative analysis of relevant structures and processes in modern industrial and other societies; (c) an examination of group and policy responses in racial or ethnic situations, and of their research implications.

Recommended reading E. J. B. Rose, *Colour and Citizenship*; L. J. Kamin, *The Science and Politics of I.Q.*; W. Lloyd Warner and L. Srole, *The Social Systems of American Ethnic Groups*; P. Foot, *Immigration and Race in British Politics*; N. Deakin, *Colour and the British Electorate, 1964*; I. Katznelson, *Black Men, White Cities*; C. Mullard, *Black Britain*; M. J. Hill and R. Issacharoff, *Community Action and Race Relations*; S. Abbott, *The Prevention of Racial Discrimination in Britain*; G. Myrdal, *An American Dilemma*, Part V; A. H. Richmond, *Readings in Race and Ethnic Relations*; G. Hunter, *Industrialisation and Race Relations*; M. Weinberg, *A Chance to Learn: race and education in the United States*; N. Glazer and D. Moynihan, *Beyond the Melting Pot*, 1970 edn.; C. E. Silberman, *Crisis in Black and White*; E. Krausz, 'Factors of Social Mobility in

British Minority Groups', *The British Journal of Sociology*, Vol. XXIII, No. 3, September 1972; L. Wirth, *The Ghetto*; E. A. Barth and D. Noel, 'Conceptual Frameworks for the Analysis of Race Relations: An Evaluation' in *Social Forces*, Vol. 50, March 1972; J. Rex, *Race, Colonialism and the City*; A. Richmond, *Migration and Race Relations in an English City*; G. Simpson and J. Yinger, *Racial and Cultural Minorities*; J. Rex, *Race Relations in Sociological Theory*; Everett C. Hughes, 'Race Relations and the Sociological Imagination', *American Sociological Review*, No. 28, December 1963; G. Bowker and J. Carrier (Eds.), *Race and Ethnic Relations*; J. Stone (Ed.), *Race Ethnicity and Social Change*; E. F. Frazier, *Race and Culture Contacts in the Modern World*; L. Foner and E. Genovese (Eds.), *Slavery in the New World*; C. S. Johnson, *The Shadow of the Plantation*; St. C. Drake and H. Cayton, *Black Metropolis*; Malcom X, *Autobiography*; E. Liebow, *Tally's Corner*; V. G. Kiernan, *The Lords of Human Kind*; W. J. Wilson, *The Declining Significance of Race*; N. Glazer, *Affirmative Discrimination*; D. Smith, *Racial Disadvantage in Britain*; K. Pryce, *Endless Pressure*; M. Stone, *The Education of the Black Child in Britain*; D. Kirp, *Doing Good by Doing Little: West Indian Children in our Schools* (Interim Report of the Rampton Committee, Cmnd. 8273, 1981); Lord Scarman, *The Brixton Disorders, 10-12 April 1981* (Cmnd. 8427, 1981); S. Field *et al.*, *Ethnic Minorities in Britain* (Home Office Research Study, No. 68); House of Commons Select Committee on Home Affairs, *Racial Disadvantage*, H.C. 424, Session 1980/81, and *The Government's Reply* (Cmnd. 8476, 1982).

SA122(a) Race Relations and Minority Groups (Class)
Mr J. Carrier and others.
Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA122(b) Race Relations and Minority Groups (Class)
Dr Bulmer, Mr J. Carrier and others. Sessional.
For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.

504 *Social Science and Administration*

SA123 Personal Social Services
Miss Sainsbury. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc.; optional for M.Sc., Dip. Soc. Pol. and Admin. Option I.
Syllabus Objectives of the personal social services: theories of human development, rationale of state intervention, growth of services, professionalism. Concepts of different types of intervention, prevention, community care, participation. Perception, recognition and measurement of need; problems of demand and supply. Control and organisation of services; finance models of management and organisation, co-ordination, frontiers with other social services.

Introductory reading J. Heywood, *Children in Care*; K. Jones, *A History of the Mental Health Service*; J. Parker, *Local Authority Health and Welfare Services*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; B. N. Rodgers and J. Stevenson, *A New Portrait of Social Work*.

SA123(a) Personal Social Services (Class)
Miss Sainsbury. Fortnightly,
Summer Term.

For B.Sc. S.S. and A. 2nd yr.

SA123(b) Personal Social Services (Class)

Miss Sainsbury. Sessional.
For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA124 Social Policy in Developing Countries (Class)
Mrs Hardiman and Dr Midgley. Michaelmas and Lent Terms.

This course will not be given in 1982-1983.

For B.Sc. S.S. and A. 3rd yr.

SA125 Urban Planning and Housing Policies

Dr Levin. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc.; Dip. Soc. Plan.;

optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus The housing system in Britain. Housing and urban structure; urban trends and the role of government; the problems of the inner city. New towns. Decision-making and the planning process; public participation in planning. The problem of run-down housing—redevelopment or improvement?
Recommended reading S. Lansley, *Housing and Public Policy*; A. Murie *et al.*, *Housing Policy and the Housing System*; M. Harloe *et al.*, *The Organization of Housing*; J. Shepherd *et al.*, *A Social Atlas of London*; H. Clout (Ed.), *Changing London*; G. Lomas, *The Inner City*; D. V. Donnison and D. E. C. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; R. E. Pahl, *Whose City?*; D. Harvey, *Social Justice and the City*; P. Hall *et al.*, *The Containment of Urban England*; Expenditure Committee, *House Improvements Grants* (H.C. 349, 1972-73); *New Towns* (H.C. 616, 1974-75); P. H. Levin, *Government and the Planning Process*; N. Dennis, *Public Participation and Planners' Blight*; Ministry of Housing and Local Government, *Council Housing: Purposes, Procedures, Priorities; Report of the Committee on Housing in Greater London* (Milner Holland, Cmnd. 2605); *Policy for the Inner Cities* (Cmnd. 6845); Department of the Environment, *Unequal City, Change or Decay, Inner London* (Final Reports of the Inner Area Studies); P. Lawless, *Urban Deprivation and Government Initiative*; N. Deakin and C. Ungerson, *Leaving London*.
Further reading will be given during the course.

SA125(a) Housing and Urban Structure (Class)
Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA125(b) Housing and Urban Structure (Class)
Sessional.
For B.Sc. S.S. and A. 3rd yr.; B.Sc. (Econ.) Part II.

SA126 Background to Health Administration

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Mr West, Mr J. Carrier, Dr J. E. Lewis and Mrs Irving.
Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus The determinants of health improvement: the organisation and finance of the National Health Service. The planning of acute services, general practice, and services for particular groups; prescribing and the pharmaceutical industry; the problem of priorities.

Recommended reading B. Abel-Smith, *The Hospitals, 1800-1948: Value for Money in Health Services*; DHSS, *Priorities for Health and Personal Social Services in England: a Consultative Document: Prevention and Health: Everybody's Business; Public Expenditure in 1979-80* (Cmnd. 6393); B. Abel-Smith, *The National Health Service: the First Thirty Years* (HMSO); D. Robinson, *Patients, Practitioners and Medical Care*; A. Cochrane, *Effectiveness and Efficiency* (NHPT); DHSS, *National Health Service Reorganisation: England* (Cmnd. 5055); Office of Health Economics, *The Work of Primary Medical Care*; DHSS, *The Organisation of General Practice*; Ministry of Health, *Report of the Committee on the Relationship of the Pharmaceutical Industry with the National Health Service* (Sainsbury Committee) (Cmnd. 3410); DHSS, *Better Services for the Mentally Handicapped* (Cmnd. 4683); DHSS, *Better Services for the Mentally Ill* (Cmnd. 6233); DHSS, *Sharing Resources for Health in England*; D. Owen, *In Sickness and in Health; Report of the Royal Commission on the National Health Service* (Cmnd. 7615, July 1979); S. Haywood and A. Alaszewski, *Crisis in the Health Service*; DHSS, *Primary Health Care in Inner London* (London Health Planning Consortium, May 1981); DHSS 1980, *Inequalities in Health*; House of Commons, *Fourth Report from the Social Services Committee, Session 1980-81, Medical Education*, Volume I Reports, July 1981, and the *Government Response* (Cmnd. 8479); University of London, *London Medical Education - A New Framework*, (Chairman Lord Flowers, February 1980); M. Butts *et al.*, *From Principles to Practice: A commentary on health service planning and resource allocation in England, 1970-1980*.

SA126(a) Health Administration (Class)

Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA126(b) Health Administration (Class)

Sessional.
For B.Sc. S.S. and A. 3rd yr.; B.Sc. (Econ.) Part II.

SA127(a) Social Theory and Social Policy 1870-1918 (Class)

Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA127(b) Social Theory and Social Policy 1870-1918 (Class)

Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 3rd yr.

SA128 Sociology of Deviance and Control (Class)

(a) Dr Downes. 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.; B.Sc. (Econ.) Part II.

SA130 The Economic Analysis of Social Policy Issues

Mr Piachaud. Ten lectures, Michaelmas Term.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. Option I; M.Sc.; Optional for Dip. Soc. Pol. and Admin. Option II; M.Sc.

Syllabus The contribution of economic analysis to the understanding of social problems. Social service expenditure. The supply of and demand for social services. The economic effects of social services. Decision-making in the social services.
Recommended reading to be given during the course.

SA130(a) The Economic Analysis of Social Policy Issues (Classes)

Mr Piachaud. Fortnightly classes, Michaelmas Term.

For Beaver College students and others not covered by SA131.

SA131(a) Economics (Classes)

Sessional.
For B.Sc. S.S. and A. 1st yr.

SA131(b) Economics (Classes)

Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

SA131(c) Economics (Classes)

Sessional.
For Dip. Soc. Pol. and Admin. Option I.

Note: Students are also referred to So141 Sociology of Sex and Gender Roles: Women in Society.

ADVANCED COURSES

M.Sc.: Social Policy and Planning

Admission to seminars will be by permission of the teachers concerned.

SA151 Social Policy and Administration (Seminar)

Professor Pinker and Professor Nevitt. Sessional.

For M.Sc.

Recommended reading Derek Fraser, *The Evolution of the British Welfare State*; O. R. McGregor, *Social Research and Social Policy in the Nineteenth Century*; Norman I. MacKenzie and Jeanne MacKenzie, *The First Fabians*; Gaston Rimlinger, *Welfare Policy and Industrialisation in Europe, America and Russia*; Walter I. Trattner, *From Poor Law to Welfare State: a history of social welfare in America* (2nd edn.); Harold Wilensky and Charles N. Lebeaux, *Industrial Society and Social Welfare*; Victor George and Paul Wilding, *Ideology and Social Welfare*; Ian Gough, *The Political Economy of the Welfare State*; Robert A. Pinker, *The Idea of Welfare*; David A. Reisman, *Richard Titmuss: Welfare and Society*; Richard M. Titmuss, *Commitment to Welfare* (2nd edn.); Richard M. Titmuss, *Essays on the Welfare State* (3rd edn.); Martha Derthick, *Policy Making for Social Security*; Hugh Hecló, *Modern Social Politics in Britain and Sweden*; Pheobe

Hall, Land, Parker and Webb, *Change, Choice and Conflict in Social Policy*; Keith G. Banting, *Poverty, Politics and Policy: Britain in the 1960s*; Guy Fiegehan et al., *Poverty and Progress in Britain 1953-73* (NIESR); Michael Rutter and Nicola Madge, *Cycles of Disadvantage: A Review of Research*; Peter Townsend, *Poverty in the U.K.*; Christopher Leman, *The Collapse of Welfare Reform: Political Institutions, Policy and the Poor in Canada and the United States*; Judith Innes du Neuville, *Social Indicators and Public Policy: Interactive Process of Design and Application*; Fred Hirsch, *Social Limits in Growth*; A. H. Halsey, *Change in British Society*; H. Hecló and A. Wilensky, *The Private Government of Public Money*; P. Townsend and N. Bosanquet (Eds.), *Labour and Inequality*; J. C. Kincaid, *Poverty and Equality in Britain*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; R. G. S. Brown, *The Management of Welfare*; H. Glennerster and S. Hatch, *Positive Discrimination and Inequality*; P. Marris and M. Rein, *Dilemmas of Social Reform*; D. V. Donnison et al., *Social Policy and Administration Revisited*; W. A. Robson, *Welfare State and Welfare Society*.

SA152 Social Planning (Seminar)

Mr Glennerster, Dr Levin and Mr Rosenhead. Sessional.

This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus The principles of social planning: the nature of policy making, planning and administration; models of the planning process; governmental structures; recent developments in social planning. The methodology of social planning: the components of policy analysis; tools for planning; sources of information for planning; case studies and examples from the fields of health, personal social services, education, housing and physical planning.
Recommended reading A. Faludi, *Planning Theory*; R. L. A. Ackoff, *A Concept of Corporate Planning*; J. K. Friend and N. Jessop, *Local Government and Strategic Choice*; P. H. Levin, *Government and the Planning Process*; D. V. Donnison and D. E. C. Eversley (Eds.), *London: Urban Patterns, Problems*

and Policies; N. Lichfield et al., *Evaluation in the Planning Process*; P. Self, *Econocrats and the Policy Process*; H. Glennerster, *Social Service Budgets and Social Policy*; C. H. Weiss, *Evaluation Research*; T. Booth, *Planning for Welfare*; M. Carley, *Rational Techniques in Policy Analysis*.

SA153 (i) Social Policy Research

Dr Bulmer and Mrs Irving. Ten lectures, Michaelmas Term.

For M.Sc. Soc. Pol. & Plan., M.Phil. and Ph.D. Optional for M.Sc. Soc. Pol. & Soc. Work.

Syllabus Methodological problems of social research into social policy; interdisciplinary relationships in a research setting. Types of enquiry: (a) theory-testing; (b) description; (c) policy-evaluation; (d) action-research. Problem selection and concept definition. Research design. Data collection. Data analysis. Basic statistical issues. Role of computers. Mathematical models for planning, resource allocation and forecasting. Population projections. Uses and limitations of social indicators. The application of social research; its place in the policymaking process.

Recommended reading M. Bulmer, *The Uses of Social Research*; M. Bulmer (Ed.), *Social Policy Research*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; M. and C. W. Sherif, *Interdisciplinary Relationships in the Social Sciences*; A. Forder, *Concepts in Social Administration*; C. Sellitz, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; E. R. Tufté, *The Quantitative Analysis of Social Problems*; R. Lees, *Research Strategies for Social Welfare*; M. Susser, *Causal Thinking in the Health Sciences*; A. S. C. Ehrenberg, *Data Reduction*; N. T. J. Bailey, *Mathematics, Statistics and Systems for Health*; C. Lee, *Models in Planning*; P. R. Cox, *Demography*; W. J. M. Mackenzie, *Biological Ideas in Politics*; M. Spiers, *Techniques and Public Administration*; C. H. Waddington, *Tools for Thought*; A. Shonfield and S. Shaw, *Social Indicators and Public Policy*; O. Morgenstern, *On the Accuracy of Economic Observations*; T. Tripodi, *Uses and Abuses of Research in Social Work*; E. Suchman, *Evaluative Research*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; M. Rein,

Social Science and Public Policy; J. Barzun and H. E. Graff, *The Modern Researcher*; M. Bulmer (Ed.), *Social Research and Royal Commissions*. A more detailed bibliography will be distributed at the beginning of the course.

SA153(ii) Social Policy Research (Seminar)

Dr Bulmer and Mrs Irving.
Michaelmas and Lent Terms.

For M.Sc.

Syllabus Selected methodological issues arising from substantive topics examined in Courses SA151 and SA152 and in work for the dissertation.

SA154 Health Service (Seminar)

Mr J. Carrier, Mrs Irving and Mr P. West. 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. Also, *Report of the Royal Commission on the National Health Service* (Cmnd. 7615, July 1979); S. Haywood and A. Alaszewski, *Crisis in the Health Service*; DHSS, *Primary Health Care in Inner London* (London Health Planning Consortium, May 1981); DHSS 1980, *Inequalities in Health*; House of Commons, *Fourth Report from the Social Services Committee Session 1980-81*, Medical Education, Volume I Reports, July 1981, and the *Government's Response* (Cmnd. 8479); University of London, *London Medical Education - A New Framework*, (Chairman Lord Flowers,

February 1980); M. Butts *et al*, *From Principles to Practice: A commentary on health service planning and resource allocation in England, 1970-1980*; DHSS, *Patients First*, December 1979; DHSS, *Health Service Developments, Structure and Management*, H.C. (80) 8, July 1980; DHSS, *Care in Action*, February 1981; DHSS, *Care in the Community*, July 1981; H. Fabrega, *Disease and Social Behaviour: An Interdisciplinary Perspective*; G. Bevan *et al*, *Health Care: Priorities and Management*, 1980.

SA155 Income Maintenance and Social Security Policies

Mr Piachaud and Mr Reddin.
Ten lectures, Michaelmas Term.
Seminar, Sessional.

This course will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus Income maintenance is defined broadly to include not only national insurance and assistance provisions, but also fiscal provisions which recognise family needs, occupational benefits, private insurance and means testing. 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; comparisons with provisions in other industrialised 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, *Beveridge: A Biography*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society*; *Social Security: Beveridge and After*; Sir John Walley, *Social Security: Another British Failure?*; L. McClements, *The Economics of Social Security*; J. Schulz *et al*, *Providing Adequate Retirement Income*; A. Heidenheimer *et al*, *Comparative Public Policy*; P. Townsend, *Poverty in the United Kingdom*.

SA156 Personal Social Services (Seminar)

Miss Sainsbury and Dr M. Brown. Sessional. This seminar

will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

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* (Seeböhm), Cmnd. 3703; B. Rodgers and J. Stevenson, *New Portrait of Social Work*; B. Davies, *Social Needs and Resources in Local Services*; J. A. G. Griffith, *Central Departments and Local Authorities*; R. Foren and M. J. Brown, *Planning for Service*; R. Rowbottom *et al*, *Social Services Departments: Developing Patterns of Work and Organisation*.

SA157 Housing and Urban Planning (Seminar)

Dr Levin. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus Analysis of housing and urban planning issues in Britain. The changing structure of the housing market, the roles of the local authority, private rented and owner-occupied sectors, and of alternative forms of tenure; the problem of access to housing. Housing finance issues: subsidies, rent control, income support. The problems of vulnerable groups and localities: slums, overcrowding, homelessness, the treatment of ethnic minorities. The problem posed by older housing: redevelopment and rehabilitation and their social and economic effects. Community development and other policies for inner urban areas. The distributional consequences of physical planning and urban management. New towns and town development schemes and their effect on 'exporting' cities. Decision making and public involvement in planning; tenant management: the roles

of the professional and the politician.
Recommended reading as for Course SA125.

SA158 Educational Policies and Administration (Seminar)

Dr Ferguson and Mr Glennerster. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

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 J. Karabel and A. H. Halsey (Eds.), *Power and Ideology in Education*; G. Baron and W. Taylor (Eds.), *Educational Administration and the Social Sciences*; J. Lells, *Accountability in Education*; K. Fenwick and P. McBride, *The Government of Education*; T. Burgess, *A Guide to English Schools*; C. Baxter, P. J. O'Leary and A. Westoby (Eds.), *Economics and Education Policy*; A. H. Halsey, A. F. Heath and J. M. Ridge, *Origins and Destinations*.

A more detailed bibliography will be distributed at the beginning of the session.

OTHER ADVANCED COURSES

SA160 Seminars in Social Administration

Professor Plowman, Dr Bulmer, Dr Ramon and Mr Piachaud.
Sessional.

For Staff and graduate students.
Presentation and discussion of papers based on research in progress.

SA161 Social Research and Social Administration (Seminar)

Professor Plowman, Dr Bulmer and Dr J. E. Lewis. Weekly,

Michaelmas and Lent Terms.

For M.Phil. and Ph.D. students.
Syllabus This seminar provides an opportunity for graduate students to examine different methodological approaches and consider methodological problems encountered in the planning, conduct and writing up of individual pieces of research carried out for a higher degree by thesis. Considerable emphasis is placed on the needs of individual students. The seminar is divided into two parts, which meet on alternate weeks: (i) research in social policy and administration: a seminar with an emphasis upon substantive research and the presentation of research results; (ii) methodological strategy: a seminar with an emphasis upon the planning and procedures of empirical research in the social policy field.

Recommended reading J. Barzun and H. E. Graff (Eds.), *The Modern Researcher*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; H. W. Smith, *Strategies of Social Research: the methodological imagination*; R. Wax, *Doing Field Work: Warnings and Advice*; J. Robinson, *Economic Philosophy*; A. J. Culyer, *The Political Economy of Social Policy*; E. H. Carr, *What is History?*; M. Carley, *Social Measurement and Social Indicators*; M. Rein, *Social Science and Public Policy*; R. Plant et al., *Political Philosophy and Social Welfare*; M. Bulmer, *The Uses of Social Research*.

Further reading will be provided at the initial meeting.

Social Planning in Developing Countries

Note Lectures and Seminars numbered SA170-SA180 are restricted to the students registered for courses stated.

SA170 Planning Theory and the Context of Planning

Mrs Hardiman and Dr Midgley. Twenty-five lectures of one-and-a-half hours, Sessional.

For Dip. Soc. Plan.

Syllabus Definition, scope and content of social policy. Aims and principles in relation to the development of social

policies. The nature of development planning: concepts of development and social development, the role of the social planner. Problems of planning: political, economic, administrative and unperceived problems of plan implementation. Values and ideologies in social planning. The social context of planning: the study of social change, demographic aspects, levels of living. Urbanization, industrialisation, appropriate technologies, third world agriculture and rural development. Policy issues in planning: population policies, poverty and income distribution, welfare legislation and services, housing and town and country planning, industrial welfare, pluralism, overseas aid and technical assistance.

Recommended reading R. M. Titmuss, *Social Policy: an Introduction*; R. M. Titmuss, *Essays on the Welfare State*; K. M. Slack, *Social Administration and the Citizen*; A. Livingstone, *Social Policy in Developing Countries*; C. Leys (Ed.), *Politics and Change in Developing Countries*; A. Etzioni, *Readings in Modern Organizations*; G. Myrdal, *The Challenge of World Poverty*; V. George and P. Wilding, *Ideology and Social Welfare: U.N. Reports on the World Social Situation* and other U.N. publications; H. Chenery et al., *Redistribution with Growth*; C. Elliott, *Patterns of Poverty in the Third World*; H. Bernstein, *Underdevelopment and Development*; J. E. Goldthorpe, *The Sociology of the Third World*; World Bank, *Population Policies and Economic Development*; E. de Kadt and G. Williams, *Sociology and Development*; I. Oxaal (Ed.), *Beyond the Sociology of Development*; D. J. Dwyer, *People and Housing in the Third World Cities*; B. F. Hoselitz and W. E. Moore (Eds.), *Industrialization and Society*; E. F. Schumacher, *Small is Beautiful*; E. Boserup, *Woman's Role in Development*; P. Dorner, *Land Reform and Agricultural Development*; W. Mangin (Ed.), *Peasants in Cities*; L. Kuper, *Race, Class and Power*; P. Bauer, *Dissent on Development*; M. P. Todaro, *Economics of a Developing World*.

SA171 Planning Methods (Workshop)

Mrs Hardiman and Dr Midgley. Twenty-five workshops, 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*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; W. Goode and P. Hall, *Methods in Social Research*.

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. Theories of decision making and planning. 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*; 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 the Third World Cities*; C. Abrahams, *Housing in the Modern World*; W. E. Moore and B. Hoselitz, *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*; P. Bauer, *Dissent on Development*.

SA173 Social Research Methods and Planning Techniques in Developing Countries (Seminar)

Dr Bulmer, Mr Cornford, Mr Piachaud, Ms Hooper, Mrs Hardiman and Dr Midgley. Sessional.

For M.Sc.

Syllabus Methods of social research in developing countries. Censuses. Surveys. Sampling. Special problems of field work in the Third World. Social Indicators. Operational research techniques. Project appraisal. Cost-benefit analysis.
Recommended reading D. P. Warwick and S. Osherson (Eds.), *Comparative Research Methods*; W. O'Barr et al., *Survey Research in Africa*; D. P. Warwick and C. Linninger, *The Sample Survey*; S. Pausewang, *Methods and Concepts of Social Research in a Developing Country*; E. Sheldon and W. Moore, *Indicators of Social Change*; M. Baster (Ed.), *Measuring Development*; W. Peterson, *Population*; A. K. Sen, *Poverty and Famines*; H. S. Shryock and J. S. Siegel, *The Methods and Materials of Demography*; M. Carley, *Social*

Measurement and Social Indicators; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; W. E. Duckworth, A. E. Gear and A. G. Lockett, *A Guide to Operational Research*; J. Lighthill, *Newer Uses of Mathematics*; R. Layard (Ed.), *Cost-Benefit Analysis*; E. Mishan, *Elements of Cost Benefit Analysis*; P. Dasgupta et al, *Guidelines for Project Appraisal*.

SA174 The Governmental Context of Development

Mr P. F. Dawson. Twenty-five lectures, Sessional.

For Dip. Soc. Plan.

Syllabus The concept of "political development", the political cultures of developing countries, ideology and constitutionality, the nature of public opinion, interest groups and political parties, the dominant role of public bureaucracies, central and local government organisations and their contribution to change, the political significance and content of planning, policy formulation and implementation.

Recommended reading G. A. Almond and S. Verba, *The Civic Culture*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; J. L. Finkle and R. W. Gable, *Political Development and Social Change*; G. A. Heeger, *The Politics of Underdevelopment*; S. P. Huntington, *Political Order in Changing Societies*; J. La Palombara, *Bureaucracy and Political Development*; 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*; I. Roxborough, *Theories of Underdevelopment*; E. Shils, *Political Development in the New States*; W. Stolper, *Planning Without Facts*.

SA175 Economic Aspects of Social Planning in Developing Countries (Class)

Mr Piachaud. Ten classes, Michaelmas and Lent Terms. For Dip. Soc. Plan.; optional for M.Sc.

SA176 Problems of Health and Disease (Seminar)

Mr J. Carrier, Mr Piachaud and others. One-and-a-half hours,

Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Health and ill health in developing countries: the development of health services; indigenous medicine and its relationship with western medicine: the social, demographic and economic background to the planning of health services: the problem of determining priorities between different parts of health services: the principles of planning primary care and hospital services: the collection and use of health statistics: the financing of health services: the effects of different forms of central, regional and local organisation: the relationships of health and other social services.

Recommended reading A World Program for Health Manpower: Report of a Study of Medical Education in the Developing Countries; M. King (Ed.), *Medical Care in Developing Countries*; B. Abel-Smith, *An International Study of Health Expenditure and its Relevance for Health Planning*; E. M. Kassalow (Ed.), *The Role of Social Security in Economic Development*; J. Bryant, *Health and the Developing World*; D. H. S. Griffith and D. V. Ramana, *Studies on Health Planning*; J. de Araoz et al, *Principles and Practice of Cholera Control*; L. H. Wortzel, *Technology Transfer in the Pharmaceutical Industry*; H. E. Hilleboe et al, *Approaches to National Health Planning*; The Training and Utilization of Feldshers in the U.S.S.R.: A Review prepared by the Ministry of Health of the U.S.S.R. for the World Health Organization; K. Elliott and J. Knight (Eds.), *Human Rights in Health*; K. W. Newell (Ed.), *Health by the People*; B. Abel-Smith, *Value for Money in Health Services*; V. Navarro, *Medicine under Capitalism*; World Bank 1980, Sector Policy Paper, *Health*; B. Hetzel, *Basic Health Care in Developing Countries*; B. Abel-Smith, W.H.O. Public Health Papers 69, *Poverty, Development and Health Policy*; W.H.O. 1979, *Formulating Strategies for Health for All by the Year 2000*; G. Walt and P. Vaughan, *An Introduction to the Primary Health Care Approach in Developing Countries*, Ross Institute Publication, No. 13, July 1981.

SA177 The Planning of Family Welfare Services and Social Security (Seminar)

Dr Midgley and Mr Reddin.

One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Nature and scope of governmental family welfare services in developing countries. Administrative problems. Voluntary organisations and traditional systems of professional social work. Conceptions of social welfare: residual, preventive and developmental. Social security programmes in developing countries. Problems of scope, resources and coverage.

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*; M. Clinard and D. Abbott, *Crime in Developing Countries*; W. Clifford, *A Primer of Social Case Work in Africa*; E. Pusic, *Social Welfare and Social Development*; P. Kaim-Caudle (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., *World Social Situation Reports, 1970*; *Study in Legislative and Administrative Aspects of Rehabilitation for the Disabled, 1964*; *Report on Children, 1971*; S. K. Khinduka (Ed.), *Social Work in India*; J. Midgley, *Children on Trial: a study of juvenile justice*; *Professional Imperialism: Social Work in the Third World*.

SA178 Rural Development (Seminar)

Mrs Hardiman and Dr Midgley. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus The characteristics of rural communities in developing countries: the demographic situation and the consequences of migration, occupational structure, land tenure systems, traditional agriculture and new technologies, political and social organisation. Sociological analysis of the rural situation: different sociological theories and approaches, the relationship between social, economic and political change. Strategies for rural development: national, regional and district planning, the role of different Ministries and other agencies, theories and principles of community development, the selection and training of

personnel for work in rural areas, the evaluation of rural development projects and programmes.

Recommended reading H. M. Southworth and B. Johnston, *Agricultural Development and Economic Growth*; Y. S. Brenner, *Agriculture and Economic Development in Low Income Countries*; D. G. Johnson, *World Agriculture in Disarray*; U. Lele, *The Design of Rural Development*; G. Hunter, *The Administration of Agricultural Development*; P. Dorner, *Land Reform and Agricultural Development*; D. Lehmann, *Agrarian Reform and Agrarian Reformism*; H. Dobyns et al (Eds.), *Peasants, Power and Applied Social Change*; X. Flores, *Agricultural Organization and Economic and Social Development in Rural Areas*; G. Myrdal, *Asian Drama*; T. Shanin (Ed.), *Peasants and Peasant Societies*; D. B. Brokensha and P. Hodge, *Community Development: an Interpretation*; L. J. Biddle, *The Community Development Process*; U.N., *Social Progress Through Community Development*; R. Chambers, *Settlement Schemes in Tropical Africa*; R. Apthorpe (Ed.), *People, Planning and Development Studies: Social Research and Community Development*; A. H. Savile, *Extension in Rural Communities*; H-P Yang, *Fact-Finding with Rural People, F.A.O.*; D. Thorner, *Agricultural Co-operation in India*; M. Carr, *Appropriate Technology for African Women*; M. Lipton, *Why Poor People Stay Poor*; K. Griffin, *The Political Economy of Agrarian Change*.

SA179 Social and Economic Aspects of Urbanisation (Seminar)

Dr Midgley and Ms Hooper. Two hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Analysis of the process of urbanisation in developing countries: its scale, scope and manifestation in different socio-cultural contexts. The urban economy: historical perspective of its growth, structure and components. Rural-urban migration and population growth, rates of urbanisation. Urban industrial growth, wage-sector employment and the 'informal' economy. The planning process, urban management, urban infrastructure. Alternative housing

policies. Popular participation in urban development.

Recommended reading B. Roberts, *Cities of Peasants*; A. Mabogunje, *The Development Process: A Spatial Perspective*; R. Bromley, *Casual Work and Poverty in Third World Cities*; J. Abu Lughod and R. Hay, *Third World Urbanisation*; O. Grimes, *Housing for Low-Income Urban Families*; M. Castells, *The Urban Question*; N. Harris, *Economic Development, Cities and Planning: the case of Bombay*; C. Pickvance (Ed.), *Urban Sociology*; T. G. McGee, *The Urbanisation Process in the Third World*; D. Drakakis-Smith, *Urbanisation, Housing and the Development Process*; Joan Nelson, *Access to Power: Politics and the Urban Poor in Developing Countries*.

SA180 Social Implications of Education (Seminar)

Mrs Hardiman. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus The role of education in different societies. Education and national development: economic, political and social goals. The contribution of economists, sociologists and psychologists to the understanding of educational systems. Key issues in the planning of education: questions of access to schooling, equality of opportunity, provision for skill acquisition, appropriate curricular, ethnic and regional variations. Non-formal education. Radical approaches. The special position of women. Overseas aid. Comparative studies of education in developing societies.

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; M. Blaug, R. Layard and M. Woodhall, *Causes of Graduate Unemployment in India*; A. H. Halsey, Jean Floud and 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*; I. Illich, *Deschooling Society*; UNESCO International Institute for Educational Planning, *Fundamentals of Educational Planning*, Nos. 1-29; E. Hopper (Ed.), *Readings in the Theory of Educational*

Systems; P. Foster, *Educational and Social Change in Ghana*; J. A. Fishman, C. A. Ferguson and J. Das Gupta (Eds.), *Language Problems of Developing Nations*; R. P. Dore, *The Diploma Disease*; J. Karabel and A. H. Halsey, *Power and Ideology in Education*; G. Psacharopoulos, *Returns to Education*; H. Hawes, *Curriculum and Reality in African Primary Schools*; World Bank, *Education Policy Paper 1980*; P. Williams (Ed.), *The School Leaver in Developing Countries*; P. Coombs et al, *New Paths to Learning*.

M.Sc. in Social Administration and Social Work Studies (Option 2) and M.Sc. in Social Policy and Social Work Studies (Option 3)

SA302 Issues and Problems in Society

Miss Butrym, Mrs Harwin, Dr Downes, Mr J. Carrier and others. Fifteen lectures, Michaelmas and Lent Terms.

For Option 2 and Option 3 1st yr.

Syllabus Conceptual approaches; detailed discussion of social problems of particular relevance to social workers. These will include: delinquency, drug addiction, alcoholism, gambling, immigrant families, one-parent families, non-accidental injury, illness and disablement.

Recommended reading will be given during the course.

SA303 Human Growth and Behaviour

Miss Butrym, Mrs Nursten and Mrs Jane Smith. Twenty lectures, Michaelmas and Lent Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Development before birth; hereditary mechanisms; preparation for childbirth and early neonatal development. The new-born baby as an active agent. Temperamental characteristics. Early social and emotional behaviour. Mother-infant interactions. Fear of strangers. Attachment and bonding. The "early experience" debate.

Cognitive development. Piaget's theory as a descriptive framework. The importance of appropriate stimulation. Moral development. The child's concept of death. Formal intelligence testing. Language development. Play. The child in the family. Family structures and relationships. The child in the school. Abnormalities in development: evidence from population studies. Physical, psychiatric, emotional and behavioural disorders. Adoption, fostering, in care. The transition from adolescence to adult life. The physical, cognitive, emotional and social aspects of adulthood and the critical life stages and events: young adulthood; marriage; parenthood; middle age; old age; loss; bereavement; death. Other topics to be discussed include: work; ambition and achievement; sickness and disability; body image; the psychosomatic unity; morality and behaviour.

Recommended reading M. Herbert, *Emotional Problems of Development in Children*; A. M. Clarke and A. D. B. Clarke, *Early Experience: Myth and Evidence*; B. Tizard, *Adoption: A Second Chance*; M. Rutter, *Helping Troubled Children*; M. Rutter, *Maternal Deprivation Reassessed*; R. Ault, *Children's Cognitive Development*; S. Wolff, *Children Under Stress*; R. Schaffer, *Mothering*; D. Stern, *The First Relationship: Infant and Mother*; A. MacFarlane, *The Psychology of Childbirth*; M. Rutter, J. Tizard and K. Whitmore (Eds.), *Education, Health and Behaviour*; J. Newson and E. Newson, *Four Years Old in an Urban Community*; R. Davie, N. Butler and H. Goldstein, *From Birth to Seven*; E. Rayner, *Human Development* (2nd edn.); E. H. Erikson, *Identity, Youth and Crisis*; E. Fromm, *The Art of Loving*; M. Schofield, *The Sexual Life of Young People*; E. Jaques, *Work, Creativity and Social Justice*; G. Gorer, *Sex and Marriage in England Today*; T. Lidz, *The Family and Human Adaptation*; H. Dicks, *Marital Tensions*; M. Mead, *Male and Female*; H. Gavron, *Captive Wives*; R. Skynner, *One Flesh, Separate Persons*; E. J. Anthony and T. Benedec (Eds.), *Parenthood: Its Psychology and Psychopathology*; J. Dominian, *Marital Breakdown*; B. O. Neugarten, *Personality in Middle Age*; J. B. Bromley, *The Psychology of Human Ageing*; D. Hobman (Ed.), *The Social Challenge of Ageing*; J. Hinton, *Death*; P. Marris, *Loss and Change*; J. H. Khan, *Human Growth and Development* (3rd edn.).

SA305 Themes in Clinical Psychiatry

Dr J. Holmes. Ten lectures, Michaelmas Term.

For Option 2 and Option 3 2nd yr.

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 multidimensional approach in management and treatment. The scope and limitations of somatic (physical) methods of treatment. Types of psychotherapy and indications and contra-indications for their use. Social treatment and family therapy; management in the hospital and in the community.

Recommended reading E. W. Anderson and W. M. Trethowan, *Psychiatry* (3rd edn.); W. Mayer-Gross, E. T. O. Slater and M. Roth, *Clinical Psychiatry* (3rd edn.); A. Clare, *Psychiatry in Dissent: A Glossary of Mental Disorders*; General Register Office - Studies on Medical and Population Subjects No. 22, 1968; K. Schneider, *Psychopathic Personalities*; C. Hall, S. Calvin and G. Lindzey, *Theories of Personality*; S. Freud, *Introductory Lectures in Psychoanalysis*; O. Fenichel, *Psychoanalytic Theory of Neuroses*; V. Meyer and E. Chesser, *Introduction to Behaviour Therapy*; M. Glatt, *A Guide to Addiction and its Treatment*; A. Beck, *Depression*; M. Weissmann and E. S. Paykel, *The Depressed Woman*; R. D. Laing and A. Esterson, *Sanity, Madness and the Family*; F. Post, *The Clinical Psychiatry of Later Life*; R. Cawley and G. Maclachlan, *A Policy for Action*.

SA306 Child Psychiatry

Dr Hersov. Eight lectures, Lent and Summer Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Basic principles in child psychiatry. Normality and abnormality in

child development and mother/infant interaction. The psychiatry of the first three years of life, early childhood autism, enuresis, encopresis, tics, neurotic disorders, persistent non-attendance at school, learning disorders, conduct disorders. Psychiatric disorders associated with epilepsy, brain damage and physical handicap. Methods of treatment, prognosis and outcome of the treatment. **Recommended reading** P. Barker, *Basic Child Psychiatry* (3rd edn.); M. Rutter, *Helping Troubled Children*; S. Wolff, *Children Under Stress* (2nd edn.); M. Rutter and L. Hersov, *Child Psychiatry - Modern Approaches* (2nd edn., 1983).

SA307 Mental Handicap Lecturer to be announced. Four lectures, Lent Term.

Option 2 and Option 3 2nd yr.
Syllabus The causes, nature and epidemiology of mental handicap. Service provision and social policy. The needs of families. The epidemiology and characteristics of mental handicap. Educational, employment and institutional needs and provisions. Giving practical help and advice to parents. **Recommended reading** M. Adams and H. Lovejoy (Eds.), *The Mentally Subnormal: Social Work Approaches*; M. Bayley, *Mental Handicap and Community Care*; A. D. B. Clarke and A. M. Clarke, *Recent Advances in the Study of Subnormality*; D.H.S.S., *Better Services for the Mentally Handicapped*; D.H.S.S., *Fit for the Future: The Report of the Committee on Child Health Services (Court Committee)*; C. Hannan, *Parents and Mentally Handicapped Children*; R. D. King, N. V. Raynes and J. Tizard, *Patterns of Residential Care*; J. Tizard, *Community Services for the Mentally Handicapped*; R. Mittler, *People Not Patients*; N. Malin, D. Race and G. Jones, *Services for the Mentally Handicapped in Britain*; DHSS, *Mental Handicap: Progress, Problems and Priorities*.

SA308 Probation Practice and Policy

Mr Rees. Ten seminars, Michaelmas Term.
For Option 2 and Option 3 2nd yr.; Probation students plus others by agreement.
Syllabus Topics covered will include: The

history and development of the Probation Service, its present organisation and structure. The role of the Home Office and local committees. Court procedure, including Juvenile Courts, sentencing policies and social enquiry reports - the law relating to probation and the supervision of offenders in the community. Probation in relation to penal policy. Prison after care and parole; community service orders, matrimonial conciliation, guardian-ad-litem duties and custody of children in divorce and separation proceedings; the use of authority by probation officers, the search for alternatives to imprisonment, the debate concerning the treatment paradigm in probation, current issues and future developments, development of victims support schemes, and the role of NAPO and professional organisations. **Recommended reading** D. Bochel, *Probation and After-care in England and Wales*; L. Mesurier, *A Handbook of Probation*; D. Haxby, *Probation, a Changing Service*; R. Hood, *Sentencing in Magistrates' Courts*; Home Office, *The Effectiveness of Sentencing*; F. Perry, *Information for the Court; Report of the Expenditure Committee (Session 1977-78) (Reduction of Pressure on the Prison System)*, Vol. 1; M. Davis, *Prisoners of Society*; HMSO, *Marriage Matters: Sentenced to Social Work* (Bryant and Others), *Probation Journal*, Vol. 25, No. 4; W. R. Weston, *Probation in Penal Philosophy*; C. Thomas, *Supervision within Community*; Bottoms and McWilliams, *A Non-Treatment Paradigm for Probation Practice*; Foren and Bailey, *Authority in Social Case Work*; J. F. S. King (Ed.), *Pressures and Change in the Probation Service*; H. Prins, *Offenders, Deviants or Patients*; Walker and Beaumont, *Probation Work*. Reference will also be made to the relevant legislation and to official reports and papers.

SA309 Group Processes and Group Work

Twenty lectures/seninars, Michaelmas and Lent Terms.
For Option 2 and Option 3 2nd yr.
Syllabus Issues and perspectives in the study of groups, the family group. Main theories and techniques for working with groups, applications to special situations, e.g. the community, ethnic relations,

housing estates, etc.; the school, the hospital; working with clients/patients, etc.
Recommended reading will be provided during the course.

SA312 The Social Work Electives

Weekly Seminars, Michaelmas and Lent Terms in one of the following areas of study:
For Option 2 and Option 3 2nd yr.

Child Welfare

To be announced.

Syllabus Concepts pertaining to child welfare will be studied and their relationship to policies and practice examined. The history of child welfare will be reviewed through an examination of relevant legislation. The objectives relating to this area of welfare will be considered in terms of needs and rights, and the social and emotional factors which hinder the attainment of objectives discussed. Universal and specialist services for children will be examined and evaluated in relation to the foregoing. The social work contribution to the attainment of objectives at primary, secondary and tertiary levels of intervention will form an important and ongoing part of the discussion. **Recommended reading** will be given during the course but includes - J. Packman, *The Child's Generation*; M. Kellmer-Pringle, *The Needs of Children*; H. Maier, *Three Theories of Child Development*; J. Bowlby, *Attachment*; J. Bowlby, *Separation*; M. Rutter, *Maternal Deprivation Reassessed*; W. Jordan, *Poor Parents*; R. Holman, *Socially Deprived Families in Britain*; Finer Report, *One Parent Families*; W. Ackerman, *The Psycho-Dynamics of Family Life*; D. W. Winnicott, *The Family and Individual Development*; G. Caplan, *An Approach to Community Mental Health*; A. Leeding, *Child Care Manual*; W. Jordan, *The Social Worker in Family Situations*; C. H. Kempe and R. E. Helfer, *Helping the Battered Child and His Family*; J. Berry, *Social Work with Children*; C. Beedell, *Residential Life with Children*; V. George, *Foster Care, Theory and Practice*; J. Rowe, *Parents, Children and Adoption*; E.

Holgate (Ed.), *Communicating with Children*; R. Tod (Ed.), *Children in Care*; R. Parker, *Planning for Deprived Children*; J. Heywood, *Children in Care*; P. Hall, *Reforming the Welfare*; N. Timms, *The Receiving End*.

Mental Illness and Mental Health

Mrs Harwin and Dr Ramon.
Syllabus The purpose of this elective will be to introduce students to some of the central issues and current debates surrounding the provision of mental health services. The aim will be to provide a framework for exploring and evaluating the needs of the mentally ill, by tracing the development of patterns of care, the changing attitudes towards the mentally ill, and the relevant social legislation. The concept of mental health and the different models of mental illness will be examined, and their implications for treatment and intervention. Special emphasis will be given to the subjects of institutional care, and community care, and the impact of social factors and social processes on the help and care provided. The contribution of social work to the field of mental health, will be considered throughout, especially in relation to interdisciplinary work, and the family of the patient.

Recommended reading A. Clare, *Psychiatry in Dissent*; K. Jones, *A History of the Mental Health Services*; D. H. Clark, *Social Therapy in Psychiatry*; H.M.S.O., *Better Services for the Mentally Ill, 1975*, Cmnd. 6233; R. Boyer and R. Orrill, *Laing and Anti-Psychiatry*; L. Gostin and J. Jacob, *A Human Condition - The Mental Health Act Explained*; I. M. Martin, J. Nurse and J. Gleisner, *Aspects of the Social Care of the Mentally Ill*; J. K. Wing and G. W. Brown, *Institutionalism and Schizophrenia*; N. Martin, *Adventures in Psychiatry*; M. Jones, *Beyond the Therapeutic Community*; R. Z. Apte, *Halfway Houses*; J. Dominion, *Depression*; J. K. Wing and C. Creer, *Schizophrenia at Home*; G. W. Brown and T. Harris, *The Social Origins of Depression*; J. K. Wing, *Reasoning about Madness*; T. Scheff, *Becoming Mentally Ill*; G. Pearson, *The Deviant Imagination*; H.M.S.O., *Review of the Mental Health Act, 1959*, Cmnd. 7320.

Mental and Physical Disability

Miss Sainsbury.
Syllabus and reading to be announced.

Health and Old Age

Miss Butrym.

Syllabus Problems of definition: what is health and what constitutes ill health? The interaction of biological, psychological and social factors in health and in sickness. Old people and those who are "old old". Social policies and provisions in relation to those who are ill and to old people. How effective are the different services? Primary health care, hospital treatment, residential and community care, and rehabilitative facilities in respect of these groups. The place of social work in alleviating the sufferings and in promoting the wellbeing of old people, and of those who are either acutely, or chronically sick, of the terminally ill, and of the disabled. Distinct features of social work in these fields with particular reference to the characteristics of social work practice in the various health care settings. The challenge of multi-disciplinary practice.

Recommended reading C. P. Brearley, *Social Work, Ageing and Society*; C. P. Brearley, *Residential Work with the Elderly*; J. B. Bromley, *The Psychology of Human Ageing*; D. Hobman (Ed.), *The Social Challenge of Ageing*; E. M. Goldberg, *Helping the Aged*; C. H. Rawlings, *Social Work with Elderly People*; B.A.S.W., *Guidelines on Social Work with the Elderly*; B. Abel-Smith, *The Hospitals, 1800-1948*; Z. T. Butrym, *Social Work in Medical Care*; A. Cartwright, *Patients and Doctors*; D.H.S.S., *Social Work Support for the Health Service*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; R. Huws-Jones, *The Doctor and the Social Services*; I. Illich, *Limits to Medicine*; E. Kuebler-Ross, *On Death and Dying*; J. Hinton, *Death*; P. Marris, *Loss and Change*; J. Merskey and F. G. Spear, *The Psychological and Psychiatric Aspects of Pain*; C. Murray-Parkes, *Bereavement: Studies in Grief in Adult Life*; L. Pincus, *Death and the Family*; L. Burton (Ed.), *Care of the Child Facing Death*; P. Ramsey, *The Client as a Person: Exploration in Medical Ethics*; V. Reynolds, *The Biology of Human Action*; D. Robinson, *The Process of Becoming Ill*; D. T. Tuckett (Ed.), *An Introduction to*

Medical Sociology; W.H.O., *Psychosomatic Disorders*; E. Goffman, *Stigma*; S. Hocker, *Emma and I*; P. Hunt (Ed.), *Stigma*; E. Miller and G. V. Gwynne, *Life Apart*; CCETSW Paper No. 5, *People with Handicaps Need Better Trained Workers*; M. Oswin, *Holes in the Welfare Net*; S. Sainsbury, *Measuring Disability*; L. Burton, *The Family Life of Sick Children*.

Crime and Delinquency

Mr Cornish.

Syllabus This elective is intended to provide students with a brief introduction to, and critical perspective on, some of the important theoretical and practical issues in the fields of crime and delinquency. Topics to be covered will include: the nature and extent of criminal behaviour (defining crime; the findings, interpretation and limitations of official and other sources of information about offending); discretion and decision-making in the criminal justice process; theories about the causes of criminal behaviour; research on causation; juvenile justice procedures; the use and evaluation of institutional treatments for juveniles and adults; prison welfare and aftercare services and their effectiveness; theory and practice in community-based treatment; new directions in crime-control; special groups of offenders and their problems. Current issues will be used to relate these topics to social work and probation practice.

Recommended reading Y. Bakal and H. Polsky, *Reforming Corrections for Juvenile Offenders*; J. Baldwin and M. McConville, *Negotiated Justice*; A. K. Bottomley, *Decisions in the Penal Process*; A. K. Bottomley and C. Coleman, *Understanding Crime Rates*; S. Box, *Deviance, Reality and Society*; S. Brody, *The Effectiveness of Sentencing*; A. Campbell, *Girl Delinquents*; P. Cawson, *Young Offenders in Care*; P. Cawson and M. Martell, *Children Referred to Closed Units*; D. B. Cornish and R. V. G. Clarke, *Residential Treatment and its Effects on Delinquency*; M. Croxson and D. Downes, *Theories of Social Problems*; M. P. Feldman, *Criminal Behaviour - A Psychological Analysis*; A. Fowles, *Prison Welfare*; H. Giller and A. Morris, *Care and Discretion*; N. Hazel, *A Bridge to Independence*; M. J. Hindelang and T. Hirschi, *Measuring Delinquency*; T. Hirschi, *Causes of Delinquency*; R.

Johnson, *Juvenile Delinquency and its Origins*; R. Kornhauser, *Social Sources of Delinquency*; F. Martin *et al*, *Children Out of Court*; H. Parker *et al*, *Receiving Juvenile Justice*; H. Prins, *Deviants, Offenders or Patients?*; M. Rutter and H. Giller, *Juvenile Delinquency: Trends and Perspectives*; N. Shaw, *Social Work in Prison*; I. Taylor *et al*, *The New Criminology*; D. Thorpe *et al*, *Out of Care*; N. Tutt, *Alternative Strategies for Coping with Crime*; G. Vold, *Theoretical Criminology* (2nd edn.); D. J. West, *Who Becomes Delinquent?*

SA313 Law, Rights and Social Work

Professor Zander and others.
Twelve lectures, Lent Term.
For Option 2 and Option 3 2nd yr.

SA314 Social Work Legislation

Mr Rees and others. Six lectures, Summer Term.
For Option 2 and Option 3 1st yr.
Syllabus The law relating to social work with children, the chronically sick and disabled, the mentally ill and the delinquent. Lecturers will refer to relevant statutes and government papers.

SA315 Social Work Studies

Miss Butrym. Twenty-seven seminars, Sessional.
For Option 2 and Option 3 2nd yr.
Syllabus Value orientations underlying social work and their relationship to professional ethics. The impact of public attitudes, social policies and legislation on social work. Social control, social caring and social change. The knowledge base of social work. Genericism and specialisms. Research in social work. The nature of the social work process of study, assessment and helping and the various ways of conceptualising it. The place of the professional relationship in social work. Current issues relating to social work functions and its place in society.

Recommended reading H. H. Bartlett, *Analyzing Social Work Practice by Fields*; H. Bartlett, *The Common Base of Social Work Practice*; Z. T. Butrym, *The Nature of Social Work*; Central Council for Education and Training in Social Work, *Values in Social Work*, Discussion Paper No. 13, 1976; R. S. Downie and E. Telfer, *Respect for Persons*; M. L. Ferard and N.

K. Hunnybun, *The Caseworker's Use of Relationship*; E. M. Goldberg, *Helping the Aged*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; H. Goldstein, *Social Work Practice: A Unitary Approach*; B. Heraud, *Sociology and Social Work*; F. Hollis, *Casework: A Psychosocial Therapy*; H. Jones (Ed.), *Towards a New Social Work*; B. Jordan, *Poor Parents*; A. Keith-Lucas, *Giving and Taking Help*; R. Lees, *Politics and Social Work*; F. McDermont (Ed.), *Self-Determination in Social Work*; J. Mayer and N. Timms, *The Client Speaks*; C. Meyer, *Social Work Practice - the Changing Landscape*; P. Nokes, *The Professional Task in Welfare Practice*; H. H. Perlman, *Social Casework: A Problem Solving Process*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; R. Plant, *Social and Moral Theory in Social Casework*; W. J. Reid and A. W. Shyne, *Brief and Extended Casework*; R. W. Roberts and R. H. Nee, *Theories of Social Casework*; E. E. Sainsbury, *Work with Families*; E. E. Sainsbury, *Social Diagnosis in Casework*; G. Smith, *Social Work and the Sociology of Organisations*; N. Timms, *Social Casework: Principles and Practice* (Chap. 1); W. L. Tonge *et al*, *Families Without Hope*; F. Turner (Ed.), *Differential Diagnosis and Treatment in Social Work*; E. Younghusband (Ed.), *Social Work and Social Values*; E. Younghusband, *Social Work in Britain, 1950-1975*.

SA316 Social Works Practice

Mrs Harwin, Mrs Nursten, Mrs Osmond and others. Sessional.
For Option 2 and Option 3 2nd yr.
Syllabus The seminar is aimed at developing an understanding of the theoretical bases and rationale underlying the role of the social work practitioner. It is intended to examine and explore the generic conceptual framework, and the nature of the skills and interventive strategies across a wide area of social problems. The impact of psycho-analytic theory, self-theories, ego-psychology, learning theory on models of practice. Differential approaches in relation to agency function and client-groups, e.g. crisis intervention, task-centred and time-limited work, behavioural therapy, marital and family therapy and the social systems model. The nature of therapeutic relationship and the social context of the interview. Evaluation and research in

social work practice. Students will be expected to bring illustrations from their practical supervised experience in the field, for analysis and discussion. Some cases will be supplied to illustrate work with children, adolescents, elderly; the depressed; child abuse; aggressive clients, residential care, fostering, adoption and direct work with children.

Recommended reading R. W. Roberts and R. H. Nee (Eds.), *Theories of Social Casework*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; H. H. Bartlett, *The Common Base of Social Work Practice*; S. Briar and H. Miller, *Problems and Issues in Social Casework*; C. Rogers, *Client-Centred Therapy*; W. W. Reid and L. Epstein, *Task-Centred Casework*; D. Jehu et al, *Behaviour Modification in Social Work*; C. P. Cross (Ed.), *Interviewing and Communication in Social Work*; F. J. Turner, *Social Work Treatment; Differential Diagnosis; Treatment in Social Work*. Also journals, *British Journal of Social Work and Social Casework*. See also recommended reading for SA315. Further references will be suggested during the seminar on specific areas.

SA317 Issues in Social Policy Professor Pinker and Dr M. Brown. Sessional.

For Option 2.

Syllabus The meaning and nature of social policy; its formulation, objectives and determinants. The social, political and economic context of policy implementation: resource constraints, central/local government relations etc. Social and political theory in relation to social policy: modes of welfare, theories legitimising intervention, value and principles in the welfare state. Notions of progress and evaluation.

Recommended reading R. M. Titmuss, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; R. Pinker, *Social Theory and Social Policy*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*; W. G. Runciman, *Relative Deprivation and Social Justice*; R. Dahrendorf, *Philosophy, Politics and Society*; M. Friedman, *Capitalism and Freedom*; R. Dahrendorf, *Essays on the Theory of Society*; A. Briggs, 'The Welfare State in Historical Perspective', in C. I. Schotland (Ed.), *The Welfare State*; W. H. Beveridge, *Full Employment in a Free Society*; F. Hayek,

The Road to Serfdom; K. Popper, *The Poverty of Historicism*; H. Heisler (Ed.), *Foundations of Social Administration*; J. Rawls, *A Theory of Justice*; H. Glennerster, *Social Service Budgets and Social Policy*; D. Miller, *Social Justice*; J. P. Mackintosh, *The British Cabinet*; J. E. Powell, *Medicine and Politics*; A. S. Hall, *Point of Entry*; J. Packman, *Child Care: Needs and Numbers*; B. Davies, *Social Needs and Resources in Local Services*; P. Townsend (Ed.), *The Concept of Poverty*; B. Jordan, *Poor Families*; P. Wedge and H. Prosser, *Born to Fail*; R. Mishra, *Society and Social Policy*; P. Marris and M. Rein, *Dilemmas of Social Reform*; D. P. Moynihan, *Maximum Feasible Misunderstanding*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; A. A. Nevitt, *Fair Deal for Householders*.

SA318 Introduction to Social Work

Miss Butrym. Ten lectures,
Michaelmas Term.

For Option 3 1st year.

Syllabus The nature of social work, its scope and limitations relating to social work objectives; the origins and nature of social workers' mandate; the historical context for contemporary social work and for its different "settings"; values in social work; knowledge in social work; the social work process. Different ways of conceptualising social work (e.g. models and methods). Social work in relation to other helping activities and support systems (e.g. other professionals, the family, volunteers etc.).

Recommended reading H. Bartlett, *The Common Base of Social Work Practice*; Z. T. Butrym, *The Nature of Social Work*; CCETSW, *Values in Social Work*; B. Herand, *Sociology and Social Work*; A. Holme and J. Maizels, *Social Workers and Volunteers*; E. Younghusband, *Social Work in Great Britain: 1950-75*

SA319 Social Work Practice Mrs Nursten and one other.

Twenty-five seminars, Sessional.
For Option 3 1st yr.

Syllabus Preparation for first fieldwork placement. Functions of different social service agencies in which fieldwork is done; the nature of the contribution of social workers to these agencies. Communication in social work with

particular emphasis on first contacts; understanding people and their problems; goal setting; recording. The meaning of the value of "respect for persons" and the main practice principles derived from this value - individualisation, acceptance, confidentiality, self-determination. The nature of social work with different client groups. Different forms of helping in both direct work with clients and contacts with others on clients' behalf. Evaluation of the social work process. Principles and practice of collaboration within various contexts. The nature of the professional relationship. Discussion of case studies. **Recommended reading** E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; F. McDermott (Ed.), *Self-Determination in Social Work*; E. M. Goldberg, *Helping the Aged*; J. Mayer and N. Timms, *The Client Speaks*; C. Cross, *Interviewing and Communication in Social Work*; A. Garrett, *Interviewing*; P. Day, *Communication in Social Work*; N. Timms, *Language in Social Casework*; G. M. Phillips, *Communication in the Small Group*; N. Timms and D. Watson (Eds.), *Talking about Welfare*; N. Timms and D. Watson (Eds.), *Philosophy in Social Work*; E. Younghusband (Ed.), *Social Work and Social Values*; E. Younghusband (Ed.), *New Developments in Social Work*; E. Sainsbury, *Social Diagnosis*; F. Biestek, *The Casework Relationship*; R. Foran and R. Bailey, *Authority in Social Work*; M. Ferard and N. Hunnybun, *The Caseworker's Use of Relationship*; R. Ruddock, *Role and Relationships*; P. Parsloe, *The Work of the Probation and After-Care Officer*; J. Berry, *Social Work with Children*; C. P. Brearley, *Social Work, Ageing and Society*. Several other papers and books.

SA320 Psychology and Social Work

Professor Plowman and Mr
Cornish. Twenty-five lectures,
Sessional.

For Option 2 and Option 3 1st yr.

Syllabus The course will present selected topics in psychology with a special relevance to social work. **Michaelmas Term:** The opening lectures will cover the following subjects: an introduction to personality theory; psychoanalytic theory; trait, type and factor theories; role

theories; self theories; phenomenological and existential theories; personal construct theory; the theoretical bases for group therapeutic approaches; and learning theories. **Lent and Summer Terms (Option C only):** Further lectures will deal with social learning explanations of maladaptive behaviour, and its modification; problems of impression-formation, interpreting people's behaviour and making accurate judgements; the development of interpersonal relations, social competence and interpersonal skills; the influence of environment on behaviour. **Recommended reading** C. S. Hall and G. Lindzey, *Theories of Personality* (3rd edn.); D. Schultz, *Theories of Personality*, 1976; S. Freud, *Introductory Lectures on Psychoanalysis*; J. A. C. Brown, *Freud and the Post-Freudians*; C. S. Hall, *A Primer of Freudian Psychology*; G. W. Allport, *Pattern and Growth in Personality*; C. R. Rogers, *Client-Centred Therapy*; G. A. Kelly, *The Psychology of Personal Constructs*; R. Laing, *The Divided Self*; T. S. Szasz, *The Myth of Mental Illness*; B. Semeonoff (Ed.), *Personality Assessment*; D. B. Price-Williams, *Personality Studied Cross-Culturally*; E. R. Hilgard et al, *Introduction to Psychology* (7th edn.); L. A. Pervin, *Personality*; B. F. Skinner, *Science and Human Behaviour*; E. Erwin, *Behaviour Therapy*; A. E. Kazdin and G. T. Wilson, *Evaluation of Behaviour Therapy*; J. Fischer, *Effective Casework Practice*; C. Sutton, *Psychology for Social Workers and Counsellors*; A. E. Kazdin, *Behavior Modification in Applied Settings*; D. Jehu et al, *Behaviour Modification in Social Work*; M. Herbert, *Conduct Disorders of Childhood and Adolescence*; P. Wachtel, *Psychoanalysis and Behaviour Modification*; M. Argyle et al, *Social Skills and Mental Health*; P. Priestley et al, *Social Skills and Personal Problem Solving*; J. Kovel, *A Complete Guide to Therapy*; H. Tajfel and C. Fraser (Eds.), *Introducing Social Psychology*; M. Cook, *Interpersonal Perception*; D. Schneider et al, *Person Perception*; J. H. Harvey and W. P. Smith, *Social Psychology: An Attributional Approach*; R. H. Moos, *The Human Context: Environmental Determinants of Behaviour*; H. M. Proshansky, W. H. Ittleson and L. J. Rivlin, *Environmental Psychology: People and their Physical Settings*; R. V. G. Clarke and P. Mayhew, *Designing out Crime*; R. D. King et al, *Patterns of Residential Care*.

SA321 Psychology and Social Work Seminars

Professor Plowman and Mr Cornish. Fifteen seminars, Sessional.

For Option 3 1st yr.

Syllabus These seminars will select topics briefly covered in the Psychology and Social Work lectures, together with additional material, for study in greater depth.

Recommended reading will be given during the course.

SA322 Social Research

Mr Cornish. Eight lectures, Michaelmas Term.

For Option 3 1st and 2nd yrs.

Syllabus The purpose, value and distinctiveness of research activities; social research, social work training and social work problems. The research process – defining problems, developing hypotheses; data collection, analysis and interpretation. Discussion of principle research strategies, with illustrations from recent social work research. Explanatory v. policy-oriented research; contributions of research to policy-formation and social work practice; hindrances to the proper utilization of research.

Recommended preliminary reading H. M. Blalock, Jr., *An Introduction to Social Research*; G. Easthope, *History of Social Research Methods*; E. Krausz and S. H. Miller, *Social Research Design*; M. D. Shipman, *The Limitations of Social Research* (2nd edn.); D. Huff, *How to Lie with Statistics*; C. Sellitz et al, *Research Methods in Social Relations* (4th edn.); S. Ackroyd and J. A. Hughes, *Data Collection in Context*.

SA322(a) Social Research Seminars

Mr Cornish. Twenty seminars, Sessional.

For Option 3 1st yr.

Syllabus Seminars will examine in more detail the strengths and limitations of the research methods covered in lectures: participant observation and life history approaches; the use of official and other 'available' data; administratively-oriented

research on client populations, priorities, workloads and caseloads; other descriptive surveys; small-scale exploratory studies; larger-scale explanatory surveys; evaluative research; studies of the intervention process. These topics will be discussed using illustrations from social work research and, where appropriate, will be accompanied by brief practical projects involving the collection and analysis of qualitative and quantitative data.

Recommended reading will be given during the course.

SA323 Issues in Social Policy and Administration Seminars

Professor Pinker and Dr M. Brown. Fourteen fortnightly seminars, Sessional.

For Option 3 1st yr.

Syllabus The meaning and nature of social policy.

The foundation and development of social policies in the United Kingdom.

The finance of social services and the major forms of provision. Theories of social policy and models of welfare. The ordering of priorities in social policy.

Recommended reading As for course

SA322 and, in addition, the following: A. Briggs, 'The Welfare State in Historical Perspective' in C. I. Schottland (Ed.), *The Welfare State*; P. Thane (Ed.), *The Origin of British Social Policy*; B. Abel-Smith, *The Hospitals*; F. Hayek, *The Road to Serfdom*; H. Glennester, *Social Service Budgets and Social Policy*; J. E. Powell, *Medicine and Politics*; B. Abel-Smith, *Value for Money in Health Services*; A. H. Halsey, *Educational Priority*; F. Field, *Unequal Britain*; M. Brown, *Introduction to Social Administration*; P. G. Richards, *The Reformed Local Government System*; R. G. S. Brown, *The Management of Welfare*; Central Policy Review Staff, *A Joint Framework for Social Policies*; R. M. Titmuss, *Social Policy*; D. Donnison, *An Approach to Social Policy*; T. H. Marshall, 'Values, Problems of Welfare – Capitalism' in *Journal of Social Policy*, Vol. 1, No. 1; D. Reisman, *Richard Titmuss: Welfare and Society*; B. Davies, *Universality, Selectivity and Effectiveness in Social Policy*; P. Townsend, *Sociology and Social Policy*; K. Judge, *Rationing Social Services*; R. Mishra, *Society and Social Policy*.

SA324 Sociology and Social Welfare

Lecturer to be announced. Ten fortnightly seminars, Michaelmas and Lent Terms.

For Option 3 1st yr.

Syllabus The nature of industrial society and the impact of social change on the making of social policies. Formal and informal aspects of social welfare.

Recommended reading P. Worsley (Ed.), *Modern Sociology* (2nd edn.); S. Menell, *Sociological Theory: Uses and Unities*; T. Bottomore, *Sociology*; P. Berger, *Invitation to Sociology*; J. Westergaard and H. Resler, *Class in Capitalist Society*; R. A. Pinker, *The Idea of Welfare*; P. Marris and M. Rein, *Dilemmas of Social Reform*; R. Mishra, *Society and Social Policy*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*.

SA325 Personal Social Services (Class)

Miss Sainsbury.

For Option 3 2nd yr.

SA326 Innovation in Social Work

Dr Ramon and others. Six lectures, Summer Term.

Optional for Option 2 and Option 3 1st yr.

Syllabus The aim of the course is to introduce students to the realistic possibilities of innovation in social work. Conceptual framework of innovation; presentation of current innovative programs by field social workers; examination of programs in the light of theoretical framework.

Recommended reading will be given during the course but includes: E. Mullan (Ed.), *Evaluation of Social Intervention*; L. Rapoport, *Creativity in Social Work*; C. H. Weiss, *Evaluation Research: Methods of Assessing Program Effectiveness*; O. Stevenson and P. Parsloe, *Social Services Teams*; R. Lees, *Research Strategies for Social Welfare*.

Fieldwork Supervisors to the M.Sc. in Social Work Studies

- Miss J. Treseder
Miss J. Ricketts
Miss J. Rainey
Miss R. Walter
Miss C. Crowther
- The Bethlem Royal and Maudsley
Hospitals, Denmark Hill, SE5 8AZ
- Miss G. Miles
Miss E. Smith
- The Child Guidance Training Centre,
120 Belsize Lane, NW3 5BA
- Mrs J. Davis
- Hammersmith Hospital, Medical Social
Work Department, Du Cane Road, W12
- Miss B. Fowles
- St. George's Hospital, Department of
Social Work, Blackshaw Road, SW17
- Mrs C. Summers
- St. George's Hospital, Paediatric
Department, Blackshaw Road, SW17
- Miss M. Bailey
Miss J. Hindson
Miss G. Vaughan
- Middlesex Hospital Medical School,
Mortimer Street, W1N 8AA
- Mrs J. Hildebrand
- Hospital for Sick Children, Department of
Psychological Medicine, Great Ormond
Street, WC1
- Miss C. Tolaini
- The Royal Free Hospital, Department of
Social Work, Pond Street, NW3
- Mrs M. Maguire
- The Royal Free Hospital, Department of
Psychological Medicine, Pond Street,
NW3
- Miss O. Butland
- University College Hospital, Children's
Psychiatric Department, Gower Street,
WC1E 6AU
- Mrs A. Petts
- University College Hospital, Department of
Adult Psychiatry, Gower Street,
WC1E 6AU
- Miss A. Bradley
Miss M. Golding
- Middlesex Hospital, Department of Medical
Social Work, Mortimer Street, W1N 8AA
- Mrs S. Few
- London Borough of Haringey, Child
Guidance Centre, 1 William's Grove, N22

- Miss M. Walker
- London Borough of Hammersmith, Social
Services Department, 160 Coningham
Road, W12
- Mrs F. Powell
- Croydon Social Services Department,
521/523 London Road, Thornton Heath,
CR4 6AR
- Mr C. Melly
Miss A. Anderson
- London Borough of Harrow, Social Services
Department, Peel Road, Wealdstone,
HA3 7QX
- Mrs D. Mumford
Mrs G. Woodhouse
- London Borough of Wandsworth, Social
Services Department, Municipal
Buildings, Wandsworth High Street,
SW18
- Mrs H. Rodgers
- Inner London Probation and After-Care
Service, Student Training Unit, 79 East
Hill, SW18
- Mr C. Dodd
- Inner London Probation and After-Care
Service, 346 Kensington High Street,
W14 8NS
- Mrs C. Self
- Inner London Probation and After-Care
Service, 149a Clapham High Street,
SW4 7SS
- Mr C. Thomas
- West London Family Service Unit,
36 Colville Terrace, W11
- Mrs A. Kerr
Mr A. Pigeon
- Family Welfare Association, Lambeth &
Southwark Office, 129 Camberwell Road,
SE5
- Miss E. Wilson
- Horton Hospital, Social Services
Department, Long Grove Road, Epsom,
Surrey
- Mr G. Hepburn
- Thamesmead Family Service Unit, 2 Maron
Way, Thamesmead, SE2
- Miss G. Blech
- Family Service Unit, 604 Harrow Road,
W10
- Mr P. Davison
- Centre 70, Student Unit, 22 Norwood High
Street, SE27

Mrs A. Whiteride Independent Adoption Society,
160 Peckham Rye, SE22

Mr N. Jackson London Borough of Wandsworth, Social
Services Department, 110 Balham High
Road, SW12

This list does not include supervisors who are supervising for the School for the first time this year.

Sociology

So100 Introduction to Sociology Dr Badcock and Professor MacRae. Twenty-three lectures, Sessional.

For B.Sc. c.u. main fields Soc. 1st yr.,
Geog., Maths., Stats., Comp., Act. Sci.,
Man. Sci., Soc. Psych.; B.Sc. (Econ.)
Parts I and II. Optional for B.Sc. S.S.
and A. 1st yr.; M.Sc.

Syllabus The principal aim is to provide
an introduction to the theoretical and
empirical study of social systems and of
the processes of change which they
undergo. An attempt is made to do this
by way of certain central questions which
have informed, and do inform,
sociological enquiry: how society is
possible; elements of social structure—
communication, socialisation, economic
allocation and production, social control,
ritual and symbolic action. The history of
sociological concepts from the
Enlightenment to the present time.

Recommended reading will be given during
the course.

For reference purposes students are
recommended to have two books: G.
Duncan Mitchell (Ed.), *A New Dictionary
of Sociology*; T. Raison (Ed.), *Founding
Fathers of Social Science* (2nd edn.).

So100(a) Introduction to Sociology (Classes)

Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc.
c.u. main field Geog., Maths., Stats.,
Comp., Act. Sci., Man. Sci., Soc., Soc.
Psych.

So101 Class in Study Methods Dr Crouch and others. Three classes, Michaelmas Term.

For first-year Sociology specialists.
This short course introduces sociology
undergraduates to the most effective ways
of using their time at the School,
including use of the Library, and dealing
with statistics.

So102 Statistics, Research and Sociology

Mr Rose. Five lectures, Summer
Term.

For B.Sc. (Econ.) Part II; First-year
sociology specialists; Dip. Soc.
These lectures are intended to provide
links between the statistics course SM202
and the other first-year sociology courses.
Syllabus The role of statistics in social
research and in sociological analysis.
Examples will be chosen from recent
British studies.

Recommended reading A. Heath, *Social
Mobility*; G. Rose, *Deciphering
Sociological Research*; M. Rosenberg, *The
Logic of Survey Analysis*; J. Silvey,
Deciphering Data; J. Westergaard and H.
Resler, *Class in a Capitalist Society*;
Social Trends (annually).

So103 Issues and Methods of Social Research (Classes) Dr Husbands and Mr Rose. Thirty classes, Michaelmas and Lent Terms.

These classes are intended to be taken in
conjunction with the compulsory course
SA115 Methods of Social Investigation.
For B.Sc. c.u. main field Soc.; B.Sc.
(Econ.) Part II; Dip. Soc.

Syllabus This course examines basic issues
and methods of social research using
examples from a number of sociological
works. It covers elementary aspects of the
philosophy of science, the relationship
between research and theory, the ethics of
sociological research and the role of the
classic experiment. The course covers a
variety of techniques of data-gathering
and data-analysis: participant
observation, life histories, different types
of documentary source, and survey data.
Students are made familiar with the
concepts of reliability and validity, in
particular how these apply to data
collected by different procedures. Also
introduced are some more specific
techniques of data-gathering (such as
interviews, questionnaires, etc.) and
measurement devices appropriate for
particular tasks (e.g., various types of
attitude measurement, and unobtrusive
measures). The course covers differing
approaches to data analysis, in particular
techniques for handling confounding
variables and the construction of simple
causal models. There is also material on
the sources and problems of validity of
certain major types of data, such as

aggregate data and official data like crime statistics, wealth data and basic demographic statistics. There is a course project that involves the collection and analysis of data.

Recommended reading H. M. Blalock, Jr., *An Introduction to Social Research*; J. A. Davis, *Elementary Survey Analysis*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioral Sciences*; D. P. Forcese and S. Richer (Eds.), *Stages of Social Research*; W. J. Goode and P. K. Hatt, *Methods in Social Research*; G. Hoinville et al., *Survey Research Practice*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation* (2nd edn.); D. Nachmias and C. Nachmias, *Research Methods in the Social Sciences*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; A. Orenstein and W. R. Phillips, *Understanding Social Research*; S. L. Payne, *The Art of Asking Questions*; G. Rose, *Deciphering Sociological Research*; M. Rosenberg, *The Logic of Survey Analysis*; C. Sellitz and others, *Research Methods in Social Relations* (3rd edn.); E. J. Webb, D. T. Campbell, R. D. Schwartz and L. Sechrest, *Unobtrusive Measures*; H. Zeisel, *Say It with Figures* (5th edn.). Further reading will be given during the course.

So104 Comparative Social Structures I

Dr Sklair. Twenty-four lectures, Sessional.

For B.Sc. c.u. main field Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. c.u. Anth. and Med. Hist.; Dip. Soc.

Syllabus Problems of comparative method in the analysis of social structure. The contributions of the main sociological schools on this issue; the analysis in terms of modes of production and systems of domination of the major types of complex pre-industrial societies.

Recommended reading will be given during the course.

So104(a) Comparative Social Structures I (Classes)

Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Anth. and Med. Hist. 2nd yr.; B.Sc. (Econ.) Part II.

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So105 Comparative Social Structures II

Dr Crouch, Dr Roxborough and Professor Wrigley. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.; Dip. Soc.

Syllabus The first part of the course will outline major features in the development of the political, economic and social institutions during the period of industrialisation of four modern societies, and discuss sociological interpretations thereof. In the second part, these institutions will be examined in comparative perspective. Since the syllabus covers a very wide area, students will be permitted to specialise to some degree, and class discussions and examination papers will provide for this.

Basic reading E. A. Wrigley, *Population and History*; L. Stone, *The Causes of the English Revolution 1529-1642*; C. Hill, *The Century of Revolution 1603-1714*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; P. Laslett, *The World We Have Lost*; D. Landes, *The Unbound Prometheus*; H. Perkin, *The Origins of Modern English Society 1780-1880*; N. Hampson, *A Social History of the French Revolution*; A. Soboul, *The French Revolution 1787-1799*; A. de Tocqueville, *The Old Regime and the French Revolution*; G. Elton, *The Revolutionary Idea in France 1789-1871*; T. Zeldin, *France 1848-1945* (2 Vols.); R. R. Palmer, *The Age of Democratic Revolution* (2 Vols.); F. Jameson, *The American Revolution as a Social Movement*; E. Wright (Ed.), *Causes and Consequences of the American Revolution*; L. Hartz, *The Liberal Tradition in America*; C. Vann Woodward (Ed.), *The Comparative Approach to American History*; P. Bagwell and G. Mingay, *Britain and America: A Study of Economic Change 1850-1939*; L. Hacker, *The Triumph of American Capitalism*; R. Pipes, *Russia Under the Old Regime*; E. H. Carr, *A History of Soviet Russia* (selected references); A. Ulam, *Lenin and the Bolsheviks*; A. Gerschenkron, *Continuity in History and other Essays*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; M. E. Falkus, *The Industrialisation of Russia 1700-1914*; D. Bell, *The Coming of Post-Industrial Society*; S. Berger, (Ed.), *Organizing Interests in Western Europe*; S. Berger and M. Piore, *Dualism and Discontinuity in Industrial Societies*; H.

Braverman, *Labor and Monopoly Capital*; C. J. Crouch (Ed.), *State and Economy in Contemporary Capitalism*; C. J. Crouch and A. Pizzorno, *The Resurgence of Class Conflict in Western Europe since 1968* (2 vols.); R. Dore, *British Factory-Japanese Factory*; R. Edwards, *Contested Terrain*; F. Fröbel et al., *The New International Division of Labour*; J. K. Galbraith, *The New Industrial State*; J. Gershung, *After Industrial Society?*; A. Giddens, *The Class Structure of Advanced Societies*; S. Giner and M. Archer, *Contemporary Europe: Social Structures and Cultural Patterns*; C. Kerr et al., *Industrialism and Industrial Man*; M. Kolinsky and W. E. Paterson (Eds.), *Social Movements and Political Forces in Western Europe*; D. Lane, *The Socialist Industrial State*; L. Lindbeg et al. (Eds.), *Stress and Contradiction in Modern Capitalism*; C. E. Lindblom, *Politics and Markets*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; P. Schmitter and G. Lehnbruch (Eds.), *Trends Towards Corporatist Intermediation*; A. Shonfield, *Modern Capitalism*.

Further reading will be indicated at the beginning of the course.

So105(a) Comparative Social Structures II (Classes)

Twenty classes, Michaelmas and Lent Terms.

So106 Sociological Theory

Dr Mann. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.Sc. S.A. and A.; M.Sc.; Dip. Soc.

Syllabus An introduction to the main varieties of classical and modern sociological theory, concentrating on three tasks: what are the principal arguments of the classic texts? to what problems and changes in the real world were the theories a response? and what relevance do they have in the contemporary world? The principal theorists and schools considered are: Marx, Weber, Durkheim, Parsons and normative functionalism and symbolic interactionism.

Recommended reading FOR GENERAL READING: R. Aron, *Main Currents in Sociological Theory* (2 vols.); S. Mennell,

Sociological Theory; L. Coser and B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Theory*; I. Zeitlin, *Ideology and the Development of Sociological Thought*; T. Parsons, *The Structure of Social Action* (2 vols.); R. Fletcher, *The Making of Sociology*; A. Giddens, *Capitalism and Modern Social Theory*; R. Nisbet, *The Sociological Tradition*; A. Gouldner, *The Coming Crisis of Western Sociology*. TEXTS: K. Marx and F. Engels, *The Communist Manifesto*; *The Eighteenth Brumaire*; *Wage, Labour and Capital*; *Introduction to the Preface of a Critique of Political Economy* (all contained in Marx and Engels, *Selected Works*; Laurence and Wishart edition), *The German Ideology* (Part I); E. Durkheim, *The Rules of Sociological Method*; *The Division of Labour in Society*; *The Elementary Forms of the Religious Life*; M. Weber, *Theory of Social and Economic Organization*; *The Methodology of the Social Sciences*; T. Parsons, *The Social System*; *Societies: Evolutionary and Comparative Perspectives*; R. K. Merton, *Social Theory and Social Structures*; G. H. Mead, *Selected Writings* (Ed. A. Strauss).

So106(a) Classes

Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Soc.

So110 Contemporary Sociological Theory

Professor Cohen, Dr Sklair and Dr Mouzelis. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.

Syllabus An examination of developments in sociological theory during the past thirty years. The course will consider how a number of newly formulated theoretical problems have arisen out of a critique of the works of earlier modern and classical social theorists. Some of the principle topics discussed will be: the relationship between action-oriented and system-oriented theories; the relationship between Marxist and non-Marxist theories of society; the nature and relevance of models of rational and non-rational social action; conscious and unconscious mental processes and their

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relevance to social action and social systems.

Recommended reading will be given during the course.

So110(a) Contemporary Sociological Theory (Classes)

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.

So111 Social and Moral Philosophy

Mrs Barker, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. (Econ.) Part II.

Syllabus The course is designed to introduce awareness of philosophical problems which are of relevance to the social scientist and includes an examination of some of the assumptions and implications in social and ethical concepts; introductory definitions; a brief introduction to the thought of some of the classical philosophers; elementary logical principles and fallacies; problems of knowledge and explanation of social data. Utilitarian ethics are used to discuss the relationship between moral and social philosophy.

Recommended reading J. Hospers, *An Introduction to Philosophical Analysis*; *Human Conduct*; M. Lessnoff, *The Structure of Social Science*; J. S. Mill, *Utilitarianism*; E. Gellner, *Thought and Change*; *Legitimation and Belief*; A. MacIntyre, *A Short History of Ethics*; B. Russell, *The Problems of Philosophy*; A. History of Western Philosophy; A. Ryan, *The Philosophy of the Social Sciences*. Further references will be given during the course.

So111(a) Social and Moral Philosophy (Classes)

Twenty classes, Michaelmas and Lent Terms.

So112 Sociology of Knowledge and Science

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 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.

So112(a) Sociology of Knowledge and Science (Classes)

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So113 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.

So113(a) Society and Literature (Classes)

So120 The Social Structure of Modern Britain

Dr Crouch, Professor Martin, Dr Swingewood and Mr Langford. Thirty lectures, 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.;

optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus An examination of academic evidence relevant to some of the major issues confronting British society, including industrial decline, inequality, political uncertainty, the fact of a multi-cultural society and the role of the mass media. This involves discussion of social stratification and mobility; occupational structure and the distribution of income; industrial structure and wealth ownership; industrial relations; education; the state, including the welfare state; demographic patterns and family structure; religion; patterns of settlement and housing tenure; and race relations.

Basic reading P. Abrams (Ed.), *Work, Urbanism and Inequality*; A. B. Atkinson (Ed.), *Wealth, Income and Inequality*; M. Banton, *Racial Minorities*; F. Blackaby (Ed.), *De-Industrialisation*; R. M. Blackburn and M. Mann, *The Working Class in the Labour Market*; D. Butler and D. Stokes, *Political Change in Britain*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; P. R. Cox, *Demography*; C. J. Crouch, *The Politics of Industrial Relations*; R. P. Dore, *British Factory - Japanese Factory*; A. Francis, "Families, firms and finance capital; the development of UK industrial firms with particular reference to their ownership and control" (*Sociology*, Vol. 14, No. 1, 1980); J. H. Goldthorpe, *Social Mobility and Class Structure in Modern Britain*; J. H. Goldthorpe and P. Bevan, "The study of social stratification in Great Britain: 1946-1976" (*Social Science Information*, Vol. 16, No. 3/4); I. Gough, *The Political Economy of the Welfare State*; A. H. Halsey, *Change in British Society*; A. H. Halsey et al. *Origins and Destinations*; A. Heath, *Social Mobility*; E. Hobsbawm, *Industry and Empire*; C. Holmes (Ed.), *Immigrants and Minorities in British Society*; T. J. Johnson, *Professions and Power*; D. Kavanagh (Ed.), *Essays on the Labour Party*; J. LeGrand, *The Strategy of Equality*; R. King, *Education*; D. A. Martin, *A Sociology of English Religion*; T. Noble, *Structure and Change in Modern Britain*; A. Oakley, *A Sociology of Housework*; K. Roberts et al., *The Fragmentary Class Structure*; R. Rose (Ed.), *Politics in England*; G. Routh, *Occupation and Pay in Great Britain, 1906-1970*; J. Scott, *Corporations, Classes and Capitalism*; A. Sked and C. Cooke, *Post-War Britain: a Political History*; D.

J. Smith, *The Facts of Racial Disadvantage*; M. Stacey et al., *Persistence and Change: a Second Study of Banbury*; P. Stanworth and A. Giddens (Eds.), *Elites and Power in British Society*; A. Stewart et al., *Social Stratification and Occupations*; P. Townsend, *Poverty in the United Kingdom*; J. Westergaard and H. Resler, *Class in a Capitalist Society*; M. Young and P. Wilmott, *The Symmetrical Family*.

Supplementary reading will be given at the beginning of the course.

So120(a) The Social Structure of Modern Britain (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.

So121 The Social Structure of the Soviet Union

Dr Weinberg. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

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.

So121(a) The Social Structure of the Soviet Union (Classes)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So122 The Development of Modern Japanese Society

Professor Thurley. Twenty-two

lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.A. Area Studies.

Syllabus Culture, social structure and social change; Japanese ideas and assumptions. Social and economic change in the Tokugawa period. The development of political and industrial elites. Social change in agrarian communities. Urban development in Japan. Educational policy and the educational revolution. The development of large scale organization and managerial ideology. The growth of Trade Unions and the post-war industrial relations system. The labour market and changes in occupational structure. The dynamics of growth and the nature of Japanese capitalism.

So122(a) The Development of Modern Japanese Society (Classes)
Sessional.

So130 Political Sociology

Dr Husbands and Mr Stewart.
Twenty-two lectures, Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; M.Sc.

Syllabus The first part of this three-part course examines the classical contributions to the development of political sociology from authors such as de Tocqueville, Marx, Weber, Pareto, Mosca, Michels, Ostrogorski and Sorel. The second part discusses the nature of ideology and addresses issues in the analysis of power, examining pluralist, elite and Marxist theories and considering the examples of both capitalist and socialist societies and also local communities. This part of the course also examines various perspectives on the analysis of the State, including the State under fascist regimes. The character of mass support received by both fascism and Nazism and also by post-war neo-fascism in Britain and western Europe is then discussed.

The third part of the course examines various issues concerning contemporary mass politics, focussing upon political participation, political socialisation, the depth of issue-awareness in western electorates and the changing dynamics of voting behaviour, especially in Great Britain.

Recommended reading N. Abercrombie and others, *The Dominant Ideology Thesis*; P. Anderson, *Considerations on Western Marxism*; D. Apter (Ed.), *Ideology and Discontent*; R. Aron, *Main Currents in Sociological Thought*, Vol. I; S. Avineri, *The Social and Political Thought of Karl Marx*; R. Bahro, *The Alternative in Eastern Europe*; R. Bendix, *Max Weber: An Intellectual Portrait*; M. Billig, *Fascists*; I. Budge and others (Eds.), *Party Identification and Beyond*; D. Butler and D. Stokes, *Political Change in Britain* (2nd edn.); R. E. Dowse and J. A. Hughes, *Political Sociology*; S. E. Finer (Ed.), *Vilfredo Pareto: Sociological Writings*; D. Guerin, *Fascism and Big Business*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; M. Kitchen, *Fascism*; W. Laqueur (Ed.), *Fascism, A Reader's Guide*; J. Larrain, *The Concept of Ideology*; S. M. Lipset, *Political Man*; R. T. McKenzie, *British Political Parties* (2nd edn.); R. T. McKenzie and A. Silver, *Angels in Marble*; R. Michels, *Political Parties*; L. W. Milbrath, *Political Participation*; R. Miliband, *The State in Capitalist Society*; L. Minkin, *The Labour Party Conference* (new edn.); G. Mosca, *The Ruling Class*; T. Nairn, *The Break-Up of Britain*; N. H. Nie and others, *The Changing American Voter* (enl. edn.); M. Ostrogorski, *Democracy and the Organization of Political Parties*; F. Parkin, *Marxism and Class Theory*; N. W. Polsby, *Community Power and Political Theory* (2nd edn.); N. Poulantzas, *Political Power and Social Classes*; P. G. J. Pulzer, *Political Representation and Elections in Britain* (3rd edn.); R. Rose (Ed.), *Studies in British Politics* (3rd edn.); R. Rose (Ed.), *Electoral Participation*; R. Rose, *Class Does Not Equal Party*; M. Rush and P. Althoff, *An Introduction to Political Sociology*; R. Skidelsky, *Oswald Mosley*; G. Sorel, *Reflections on Violence*. Further reading will be given during the course.

So130(a) Political Sociology (Classes)

Twenty-two classes, Sessional.

So131 Political Processes and Social Change

Mr Stewart. Twenty-three lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.

Syllabus The nature of political power and the role of political processes in relation to different patterns of social change; theories of the state; patterns of political change in relation to modernisation and industrialisation; class structure and political action; major types of political movements; reformism and revolution; continuity and change in post-revolutionary situations; the politics of underdevelopment.

Recommended reading B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix, *Nation-Building and Citizenship, Part I*; K. Marx, *The Civil War in France*; R. Miliband, *The State in Capitalist Society*; N. Poulantzas, *Political Power and Social Classes*; P. Anderson, 'The Antinomies of Antonio Gramsci' in *New Left Review*; P. Anderson, *Lineages of the Absolutist State*; I. Wallerstein, *The Modern World System*; K. Mannheim, *Man and Society in an Age of Reconstruction*; C. Schorske, *German Social Democracy*; G. Roth, *The Social Democrats in Germany*; A. Gramsci, *The Modern Prince*; R. Miliband, *Parliamentary Socialism*; E. P. Thompson, *The Making of the English Working Class*; J. Foster, *Class Struggle and the Industrial Revolution*; A. S. Cohan, *Theories of Revolution*; 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. Woolf (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; M. Kitchen, *Fascism*; N. Poulantzas, *Fascism and Dictatorship*; J. Dunn, *Modern Revolutions*; C. Johnson, *Revolutionary Change*; T. Shanin, *The Awkward Class*; I. Deutscher, *The Unfinished Revolution*; B. Moore Jr., *Soviet Politics: The Dilemma of Power*; M. Lewin, *Russian Peasants and Soviet Marxist Theory*; 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. Woolf, *Peasant Wars of the 20th Century*.

So131(a) Political Processes and Social Change (Classes)

Mr Stewart. Sessional.
For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So132 Industrialisation and Theories of Social Change

Dr Mouzelis and Dr Roxborough. Twenty lectures, Michaelmas and Lent Terms.
This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.

Syllabus The main aim of the course is to use major sociological theories of change to examine problems of development/underdevelopment that "Third World" countries are facing today. Neo-evolutionist theories of modernisation and their relevance in explaining economic backwardness. The concept of structural-functional differentiation and its application in the analysis of "developing" countries. Neo-Marxist theories of underdevelopment. Analysis of underdevelopment in terms of modes of production. Capitalism and the creation of "core" and "peripheral" areas. Classes and other interest groups as obstacles to change. Colonialism and imperialism in relation to problems of development and underdevelopment. In the light of the above approaches the following problem areas will be examined: industrialisation and economic policy, class structure and development, urbanisation, agrarian structures and peasant movements, military intervention, and political institutions. The focus will be on the relationships between social, economic and political change. Although not exclusively, material for the more empirical part of the course will be drawn from selected Latin American countries.

Recommended reading I. Wallerstein, *The Modern World System*; S. Eisenstadt, *Modernization, Protest and Change*; P. Baran, *The Political Economy of Growth*; H. Berstein (Ed.), *Underdevelopment and Development*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation-Building and Citizenship: Work and Authority in Industry: Ideologies of Management in the course of Industrialization*; A. Gerschenkron, *Economic Backwardness in Historical*

Perspective; R. Owen and B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; G. Kay, *Development and Underdevelopment: A Marxist Analysis*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; K. Griffin, *Underdevelopment in Spanish America*; C. Furtado, *Economic Development of Latin America*; J. Paige, *Agrarian Revolution*; S. Huntington, *Political Order in Changing Societies*; A. Stepan, *The Military in Politics*; J. Perlman, *The Myth of Marginality*; J. Petras, *Politics and Social Forces in Chilean Development*; R. Hansen, *The Politics of Mexican Development*; A. Stephen (Ed.), *Authoritarian Brazil*.

So132(a) Industrialisation and Theories of Social Change

Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1982-83.

So133 Theories and Problems of Nationalism

Dr A. D. Smith, Professor Cohen, Mr Mayall and Mr Schöpflin. Twenty lectures, Michaelmas and Lent Terms. This course will not be given in 1983-84.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.

Syllabus The last two centuries have witnessed a remarkable growth of nations and states, and a rapid proliferation of nationalist movements across the globe, so that today nationalism has become one of the most powerful forces in the modern world. This course seeks to explore some of the sociological theories and historical and political problems surrounding the emergence of nationalism. The first part analyses the structure and functions of nationalisms and their ethnic origins, and then considers the social formation of nations and states in different parts of the world. An important section is devoted to an examination of the main competing economic, cultural and political theories of the emergence and ubiquity of national consciousness and nationalism. In the second part, attention is focused upon the historical and political implications of

nationalism, as well as its international ramifications. A variety of issues will be treated, including questions of racism and fascism, nationalism and communism, ethnic separatism, international economic dependency and the emerging global order of nation-states.

Recommended reading B. Akzin, *State and Nation*; S. Baron, *Modern Nationalism and Religion*; K. Minogue, *Nationalism*; H. Kohn, *The Idea of Nationalism* (2nd edn.); H. Seton-Watson, *Nations and States*; N. Glazer and D. Moynihan (Eds.), *Ethnicity, Theory and Experience*; A. D. Smith, *Theories of Nationalism: The Ethnic Revival*; E. Kedourie, *Nationalism*; E. Kedourie (Ed.), *Nationalism in Asia and Africa*; E. Gellner, *Thought and Change*; C. Tilly (Ed.), *The Formation of National States in Western Europe*; H. B. Davis, *Nationalism and Socialism*; K. Deutsch, *Nationalism and Social Communication* (2nd edn.); J. H. Kautsky (Ed.), *Political Change in Underdeveloped Countries*; D. K. Fieldhouse (Ed.), *The Theory of Capital Imperialism*; D. Lerner, *The Passing of Traditional Society*.
Further reading H. Rogger and E. Weber (Eds.), *The European Right*; G. Mosse, *The Crisis of German Ideology: The Political Liturgy of Nationalism*; E. Nolte, *Three Faces of Fascism*; H. Seton-Watson, *Communism and Nationalism*; A. D. Smith, *Nationalism in the Twentieth Century*; P. Sugar and I. Lederer (Eds.), *Nationalism in Eastern Europe*; P. Sugar (Ed.), *Ethnic Diversity and Conflict in Eastern Europe*; R. V. Burks, *The Dynamics of Communism in Eastern Europe*; M. Hechter, *Internal Colonialism*; T. Nairn, *The Breakup of Britain*; M. Esman (Ed.), *Ethnic Conflict in the Western World*; T. Hodgkin, *Nationalism in Colonial Africa*; V. Olorunsola (Ed.), *The Politics of Cultural Subnationalism in Africa*; A. Said and L. Simmons (Eds.), *Ethnicity in an International Context*; A. Cobban, *The Nation-State and National Self-determination*; F. Hinsley, *Nationalism and the International System*; I. Wallerstein, *The Modern World System*; R. Aron, *Peace and War*; H. G. Johnson (Ed.), *Economic Nationalism in Old and New States*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*.

So133(a) Theories and Problems of Nationalism (Classes)

Michaelmas and Lent Terms.

So134 Urban Sociology Dr Husbands. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

Syllabus This course both analyses social and economic phenomena that have differential distributions in urban space and also examines the role of space in mediating urban social relationships. Subjects covered under the first of these categories include: contributions to the study of human ecology by the Chicago School, later developments in ecological analysis, the role of urban renewal and slum clearance in affecting urban ecology, and the contributions of the recently developed Marxist school of urban analysis. Under the second category of subject matter the course examines such issues as urban crowding, territoriality in an urban environment, racist voting behaviour, defensible space, and related issues in the sociology of housing design.
Recommended reading K. Bassett and J. R. Short, *Housing and Residential Structure*; B. J. L. Berry and J. D. Kasarda (Eds.), *Contemporary Urban Ecology*; E. W. Burgess and D. J. Bogue (Eds.), *Contributions to Urban Sociology: Urban Sociology*; M. Castells, *The Urban Question*; M. Castells, *City, Class and Power*; G. E. Cherry, *Urban Change and Planning*; C. Cockburn, *The Local State: Community Development Project, The Costs of Industrial Change*; L. J. Duhl (Ed.), *The Urban Condition*; P. Dunleavy, *Urban Political Analysis*; J. L. Freedman, *Crowding and Behavior*; H. J. Gans, *People and Plans*; M. Harloe (Ed.), *Captive Cities*; D. Harvey, *Social Justice and the City*; P. K. Hatt and A. J. Reiss, Jr. (Eds.), *Cities and Society*; D. I. Herbert and R. J. Johnson (Eds.), *Social Areas in Cities*; Housing Workshop of the Conference of Socialist Economists, *Political Economy and the Housing Question: Housing and Class in Britain; and Housing, Construction and the State*; P. Lawless, *Britain's Inner Cities*; T. R. Lee, *Race and Residence*; C. Mercer, *Living in Cities*; S. Merrett, *State Housing in Britain*; W. H. Michelson, *Man and his Urban Environment*, with Revisions; O. Newman, *Defensible Space*; C. G. Pickvance (Ed.), *Urban Sociology: Critical Essays*; J. Rex and S. Tomlinson, *Colonial Immigrants in a British City*; P. Saunders, *Urban Politics*; D. J. Smith, *Racial Disadvantage in Britain*; M. Stewart (Ed.),

The City; G. A. Theodorson (Ed.), *Studies in Human Ecology*. Further reading will be given during the course.

So134(a) Urban Sociology (Classes) Sessional.

So140 Industrial Sociology

Dr S. Hill. Twenty lectures, Michaelmas and Lent Terms. For B.Sc. c.u. main fields Soc., Soc. Psych., Man. Sci.; B.Sc. (Econ.) Part II. **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 and the labour process, shopfloor structure, supervision and management. The sociology of occupations and professions. The comparative and historical analysis of organisations and industrial relations. **Recommended reading** R. Dore, *British Factory-Japanese Factory*; G. Bain et al., *Social Stratification and Trade Unionism*; M. Mann, *Consciousness and Action among the Western Working Class*; H. Braverman, *Labor and Monopoly Capital*; M. Rose, *Industrial Behaviour*; T. Lane, *The Union Makes Us Strong*; A. Fox, *Beyond Contract-Work, Power and Trust Relations*; S. Hill, *Competition and Control at Work*; G. Salaman, *Work Organisations*; P. F. Drucker, *The Concept of the Corporation*.

So140(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., Man. Sci.

So141 Sociology of Sex and Gender Roles: Women in Society

Dr Sklair, Dr J. E. Lewis and Mrs Ferguson. 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** Comparative analysis of sex and gender roles over time, comprising three linked sections on: theories of male

domination and the sexual division of labour, women and the state and the rise of the feminist movement, socialisation into sex and gender roles. **Recommended reading** will be given at the beginning of the course.

So141(a) Sociology of Sex and Gender Roles: Women in Society
Twenty-three classes, Sessional.

So142 Sociology of Religion
Mrs Barker and Professor Martin. Twenty lectures, Michaelmas and Lent Terms. This course will not be given in 1982-83.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.A. Anth. and Med. Hist.; M.Sc.

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.

Religion in pre-industrial and industrial societies with particular reference to modern Europe and the United States.

Recommended reading will be given during the course.

So142(a) Sociology of Religion (Class)

Michaelmas and Lent Terms. This course will not be given in 1982-83.

So143 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. Pol. and Admin. Option I.

Syllabus The sociological conception of crime. Origins and development of criminology. Incidence of crime and problems of measurement. Sociological and other explanatory theories of criminal behaviour. The sociology of social control, with special reference to the modern English penal system.

Criminology (i) deals with concepts and theoretical development; Criminology (ii) deals with social control and sanction.

Recommended reading I E. H. Sutherland and D. R. Cressey, *Principles of*

Criminology, 7th edn., T. Morris, *Deviance and Control: the Secular Heresy*; E. Lemert, *Social Pathology*; M. Clinard, *Sociology of Deviance*; D. Gibbons, *Society, Crime, and Criminal Careers*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*. II M. Wolfgang, L. Savitz and N. Johnston, *Sociology of Crime and Delinquency*; M. Clinard and R. Quinney, *Criminal Behaviour Systems*; E. Rubington and M. Weinberg, *Deviance: An Interactionist Perspective*; *The Study of Social Problems*; D. R. Cressey and D. Ward, *Delinquency, Crime and Social Process*; C. Bersani, *Crime and Delinquency*; S. Dinitz, R. Dynes and A. C. Clarke, *Deviance: Studies in the process of Stigmatization and Societal Reaction*; W. Carson and P. Wiles, *Crime and Delinquency in Britain*. III H. Mannheim, *Comparative Criminology*; B. Wootton, *Social Science and Social Pathology*; H. Becker, *The Outsiders*; K. T. Erikson, *Wayward Puritans*; J. Skolnick, *Justice without Trial*; T. P. and P. J. Morris, *Pentonville*; W. Chambliss, *Crime and the Legal Process*; P. Carlen, *Magistrates' Justice*; V. Aubert (Ed.), *The Sociology of Law*; N. M. Kittrie, *The Right to be Different*.

OTHER SOURCES: The Harper and Row *Social Problems* Series, (Ed.), D. R. Cressey. The President's Crime Commission Report, *Challenge of Crime in a Free Society*. Also the following journals: (U.S.A.) *Social Problems*; *Journal of Criminal Law*; *Criminology*; *Police Science*; (U.K.) *The British Journal of Criminology*; *Howard Journal*.

So143(a) Criminology (Class)

Professor T. P. Morris. Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

So144 Sociology of Deviant Behaviour

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.

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.

So144(a) Sociology of Deviant Behaviour (Seminar)

Twenty-three seminars, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II. Optional for M.Sc.

DIPLOMA IN SOCIOLOGY

So150 Social Theory and Social Structure (Seminar)

Professor Cohen and Dr S. R. Hill. Twenty-five seminars, Sessional.

Syllabus The course will consist of a critical evaluation of a number of texts in sociological theory and on selected aspects of the social structures of a variety of types of society. The discussion of theoretical problems will be illustrated by reference to these empirical analyses; while the comparison of aspects of social structure will be related to the theoretical issues discussed.

Recommended reading will be given during the course.

So152 Methods of Social Investigation

Mr Rose. Sessional.

M.Sc. SOCIOLOGY FINAL-YEAR, AND OTHER ADVANCED COURSES

So160 Design and Analysis of Social Investigations

Mr Rose. Twenty meetings,

Michaelmas and Lent Terms.

For M.Sc. and M.Phil. (Soc.) 1st yr.

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. Zeltitz and others, *Research Methods in Social Relations*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; B. S. Phillips, *Social Research: Strategy and Tactics*; H. S. Becker, *Sociological Work*; B. Glaser and A. Strauss, *The Discovery of Grounded Theory*; K. Popper, *The Logic of Scientific Discovery*.

So161 Design and Analysis of Social Investigations: Project Class

(i) Dr Mann. Fifteen classes, Michaelmas and Lent Terms.

For M.Sc. Arrangements may be made for students to take an alternative option to this.

(ii) Dr Mann. Sixteen classes, Sessional.

For research students.

A seminar series in which research students present papers on their proposed research designs.

So162 Social Structure of Industrial Societies

Dr Crouch and Dr Weinberg. Sessional.

For M.Sc. and other graduate students.

Syllabus Political power, labour movements and industrial relations, education and work, stratification and social mobility in industrial societies. Problems of comparative analysis. The course will focus on Britain, France, Federal Germany, the U.S.S.R., U.S.A. and Japan. Reading lists and copies of basic statistical tables will be supplied at the first meeting.

So163 Sociology of Development (Seminar)

Dr Mouzelis, Dr A. D. Smith and Dr Roxborough. Twenty-five meetings, Sessional.

For M.Sc. Other graduate students may attend by arrangement.

Recommended reading B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; A. and E. Etzioni, *Social Change*; E. Wallerstein, *Social Change: the Colonial Situation*; C. Geertz (Ed.), *Old Societies and New States*; G. M. Meier (Ed.), *Leading Issues in Development Economics*; A. N. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment*; H. Myint, *The Economics of Developing Countries*; A. W. Lewis, *The Theory of Economic Growth*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; B. F. Hoselitz, *The Sociological Aspects of Economic Growth*; S. Eisenstadt, *Modernisation-Protest and Change*; B. Moore, Jr., *The Social Origins of Dictatorship and Democracy*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; P. Baran, *The Political Economy of Growth*; R. Bendix, *Nation-Building and Citizenship*; G. A. Almond and J. S. Coleman, *The Politics of the Developing Areas*; M. Janowitz, *The Military in the Political Development of New Nations*; J. J. Johnson (Ed.), *The Role of the Military in Underdeveloped Countries*; L. P. Mair, *New Nations*; Peter Worsley, *The Third World*; E. A. Gellner, *Thought and Change*; D. Lerner, *The Passing of Traditional Society*; D. C. McClelland, *The Achieving Society*; J. A. Schumpeter, *The Theory of Economic Development*; C. Kerr et al., *Industrialism and Industrial Man*; R. Bendix, *Work and Authority in Industry*; J. J. Johnson, *Political Change in Latin America: the Emergence of the Middle Sectors*; J. Lambert, *Latin America*; N. J. Smelser and S. M. Lipset, *Social Structure and Mobility in Economic Development*.

So165 Sociology of Deviant Behaviour (Seminar)

Dr Rock, Dr Downes and others. Sessional.

For M.Sc.

Syllabus and **recommended reading** will be given at the beginning of the course.

So166 Sociology of Religion (Seminar)

Professor D. A. Martin and Mrs Barker. Sessional.

For M.Sc. and other graduate students.

So167 Race Relations (Seminar)

Professor Cohen. Twenty meetings, Sessional.

This course will not be given until further notice.

For M.Sc. and other graduate students.

So168 Political Change and Political Development (Seminar)

Mr Stewart. Sessional.

For M.Sc. and other graduate students.

Recommended reading B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix, *Nation-Building and Citizenship*; P. Anderson, *Lineages of the Absolutist State*; I. Wallerstein, *The Modern World System*; W. Kornhauser, *The Politics of Mass Society*; N. Smelser, *Theory of Collective Behaviour*; J. Foster, *Class, Struggle and the Industrial Revolution*; E. P. Thompson, *The Making of the English Working Class*; Z. Bauman, *Between Class and Elite*; N. Poulantzas, *Fascism and Dictatorship*; S. J. Woolf (Ed.), *The Nature of Fascism*; G. Roth, *The Social Democrats in Imperial Germany*; M. Liebman, *The Russian Revolution*; B. Moore, Jr., *Soviet Politics*; R. Medvedev, *Let History Judge*; E. Laclau, *Politics and Ideology in Marxist Theory*; G. Ionescu and E. Gellner (Eds.), *Populism*.

So169 Nationalism (Seminar)

Dr A. D. Smith, Professor Cohen, Mr Mayall and Mr Schöpflin. Sessional.

For M.Sc. and other graduate students.

Syllabus The aim of this course is to examine the parallels, differences and interrelations of nationalist experience in Europe and in Africa, Asia and the Americas. The first part considers the main concepts and theories in the field, with particular attention to the role of communications, imperialism, political messianism, language and the intelligentsia, and the bureaucratic state. The second part will seek to compare

European nationalisms, especially the current ethnic revival, with nationalist movements in the Third World, in the light of the general approaches, and students will be asked to select particular nationalisms for more intensive study.

The topics will include: Concepts of ethnicity, the nation and nationalism; Typologies of nationalism; Modernisation and communications; Imperialism and the 'national bourgeoisie'; Communist nationalisms and populism; Political messianism, and religious nationalisms; Languages and the intelligentsia; Nationalism and the bureaucratic state; Conservative nationalism, racism and fascism; The ethnic revival I; 'internal colonialism'; The ethnic revival II: 'ethnic-nationalism'; Selected 'Third World' movements; Nationalism and internationalism.

Selected reading: H. Seton-Watson, *Nations and States*, 1977; K. Deutsch (Ed.), *Nation-Building*, 1963; J. H. Kautsky (Ed.), *Political Change in Underdeveloped Countries*, 1962; M. Hechter, *Internal Colonialism*, 1975; N. Glazer and D. Moynihan (Eds.), *Ethnicity, Theory and Experience*, 1975; A. D. Smith, *Theories of Nationalism*, 1971; A. D. Smith, *Nationalism in the Twentieth Century*, 1979; A. D. Smith (Ed.), *Nationalist Movements*, 1976; E. Kedourie, *Nationalism*, 1960; E. Kedourie (Ed.), *Nationalism in Asia and Africa*, 1971; E. Gellner, *Thought and Change*, 1964; H. B. Davis, *Nationalism and Socialism*, 1967; M. J. Esman (Ed.), *Ethnic Conflict in the Western World*, 1977; T. Nairn, *The Break-up of Britain*, 1977; E. Kamenka (Ed.), *Nationalism*, 1976; H. Kohn, *The Idea of Nationalism*, 1967; G. Ionescu and E. Gellner (Eds.), *Populism*, 1969; H. Johnson (Ed.), *Economic Nationalism in Old and New States*, 1968.

So170 Sociological Theory (Seminar)

Professor Cohen and Dr Mann. Sessional.

This course will be given only if there is sufficient demand.

For M.Sc.

Note

Students are also referred to:

Gv239 Political Sociology in Latin America (Seminar)

539 *Sociology*

ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES

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 Research Seminar on the Sociology of Crime and Deviance

Dr Rock and Dr Downes.

Thirty seminars, Sessional.

Syllabus The Seminar is intended for students preparing dissertations on the Sociology of Deviance for the M.Phil. and Ph.D. degrees. Designed to encourage public discussion of evolving work, it will enable participants to review their own, others', and general problems encountered in the process of exploring deviant and allied phenomena.

So185 Research Seminar in Political Economy and Social Stratification

Dr Crouch and others.

Sessional.

Syllabus The seminar is for research students working within the area described. It is designed to encourage discussion of evolving work of students and teachers, with particular emphasis on comparative studies.

So186 Sociology Department Research Seminar

Fortnightly, Sessional.

For staff and research students.

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.

Statistical and Mathematical Sciences

MATHEMATICS

SM100 Basic Mathematics

Professor Binmore. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Man. Sci., Geog., Soc. Psych.; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus Polynomials. Partial fractions. Induction. Binomial theorem. Arithmetic and geometric progression. Further calculus. Inverse trigonometric functions. Standard integrals and techniques of integration. Taylor's theorem and simple Taylor series. (These lectures are offered in conjunction with the course Ec103 Basic Mathematics for Economists. They are essential to those students intending to go on to course SM102 who do not have 'A' level Mathematics.)

Recommended reading G. C. Archibald and R. G. Lipsey, *A Mathematical Treatment of Economics*; G. Freilich and F. Greenleaf, *Calculus*; Bers and Karal, *Calculus*.

SM100(a) Basic Mathematics Class

Ten classes, Lent and Summer Terms.

SM101 Introduction to Algebra

Dr Bell and Dr Boardman.

Forty-five lectures, Sessional.
For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 1st yr.; B.Sc. (Econ.) Parts I and II.

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 S. Lipschutz, *Theory and Problems of Linear Algebra*; P. M. Cohn, *Algebra* Vol. 1 (Chapters 1-9); N. Ya Vilenkin, *Stories about sets*; I. N. Herstein, *Topics in Algebra* (Chapters 1-3).

SM101(a) Introduction to Algebra Class

Forty classes, Sessional.

SM102 Elementary Mathematical Methods

Professor Binmore and Dr Alpern. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr., Geog.; Dip. Stats.; Dip. Econ.; Dip. O. R.; Dip. Man. Sci.; M.Sc. prelim. yr.

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.

Required Text H. Anton, *Elementary Linear Algebra*.

Recommended reading G. Hadley, *Linear Algebra*; L. Bers and F. Karal, *Calculus*; T. Yamane, *Methods for Economists*. The following small books in the "Library of Mathematics" series: *Complex Numbers*; *Partial Derivatives*; *Multiple Integrals*. The "Schaum Outline Series" book, *Calculus* by F. Ayres, and *Linear Algebra* by Lipschutz.

SM102(a) Elementary Mathematical Methods Class

Classes, Sessional.

SM103 Introduction to Analysis and Set Theory

Professor Binmore. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci., Geog.

Syllabus Elementary set theory. The real number system. Convergence and continuity. Differentiation and integration. Point set topology. Analysis in finite dimensional spaces.

Recommended reading K. G. Binmore, *Mathematical Analysis: A Straightforward Approach*; K. G. Binmore, *Foundations of Analysis: A Straightforward Introduction*;

J. C. Burkhill, *An Introduction to Mathematical Analysis*; D. A. Quadling, *Mathematical Analysis*.

SM103(a) Introduction to Analysis and Set Theory Class

Twenty classes, Sessional.

SM104 Informal Seminar

Dr Freedman. Twelve hours.

This course will not be given in 1982-83.

This is intended primarily for 1st yr. specialists in pure mathematics.

SM111 Further Analysis

Dr Boardman. Twenty-five lectures, Michaelmas and Lent Terms. (This course is taught in association with King's College where additional lectures will be given, beginning in the second half of the Lent Term.)

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus Analysis in Metric spaces
Complex Analysis.

Recommended reading K. G. Binmore, *Foundations of Analysis: A Straightforward Introduction*; H. L. Royden, *Real Analysis*; J. F. C. Kingman and S. J. Taylor, *Introduction to Measure and Probability*; G. F. Simmons, *Introduction to Topology and Modern Analysis*.

SM111(a) Further Analysis Class

Classes, Michaelmas and Lent

SM112 Further Algebra

Dr Freedman. Ten lectures of two hours, Michaelmas Term.

This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.

Syllabus Topics in commutative rings. Modules over a principal ideal domain. Application to abelian groups and matrices.

Recommended reading B. Hartley and

T. O. Hawks, *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).

SM112(a) Further Algebra Class

Dr Freedman. Fourteen classes, Michaelmas and Summer

Terms.
This course will not be given in 1982-83.

SM112(b) Further Algebra Seminar

Dr Freedman. Ten seminars of two hours, Lent Term.

This course will not be given in 1982-83.

SM113 Mathematical Methods

Dr Ostaszewski. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd yr.; Dip. Stats.; Dip. Econometrics; Dip. O.R.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus (i) Integration and Transforms. Riemann-Stieltjes integral, manipulation of integrals. Multiple integrals. Convolutions. Laplace Transforms.

(ii) Matrix Analysis. Vector Spaces (revision) Wronskian. Geometry in R^n (orthogonality, Gram-Schmidt, conjugate directions). Rank of matrices. Spectral Theory. Positive definiteness. Upper triangular and block diagonal form. Tridiagonal form (Householder's method). Projections and least squares. Generalized inverses.

(iii) Convexity and Programming. Convexity. Separating hyperplane. Linear inequalities. Linear programming. Zero-sum games. Simplex method. Concave functions. Kuhn-Tucker theorem.

(iv) Differential Equation. Linear ordinary differential equations. Simultaneous systems, stability. Solution by series expansion (power series, Fourier series).
(v) Calculus of Variations. (Introductory treatment.)

Recommended reading (i) M. R. Spiegel, *Advanced Calculus*; M. R. Spiegel, *Laplace Transforms*; **(ii) and (iii)** B. Noble, *Applied Linear Algebra*; R. Bellman, *Matrix Analysis*; **(iv) and (v)** L. Elsgolts,

Differential Equations and Calculus of Variations; E. L. Ince, *Differential Equations*.

SM113(a) Mathematical Methods Class

Classes, Sessional.

SM120 Games

Professor Binmore and Dr Shaked. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc. prelim. and final yrs.

Syllabus Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Negotiation and cooperation. Core. Nash bargaining solution. Side payments. Von Neumann and Morgenstern solutions and other theories of coalition formation. **Recommended reading** R. Luce and H. Raiffa, *Games and Decisions*; G. Owen, *Game Theory*.

SM120(a) Games Class

Twenty-three classes, Michaelmas and Lent Terms.

SM121 Utility, Risk and Uncertainty

Professor Binmore. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc. prelim. and final yrs.

Syllabus Preferences and utility. Probability and Von Neumann utility. The Savage theory of subjective probability. Bayes theorem. Information. Collective choice.

Recommended reading R. Luce and H. Raiffa, *Games and Decisions*; K. Borsch, *Economics of Uncertainty*.

SM121(a) Utility, Risk and Uncertainty

Five classes, Lent Term.

SM122 Applied Abstract Analysis

Dr Ostaszewski. Forty lectures,

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 3rd yr.; M.Sc. final yr.

Syllabus Selected topics from the following:

(i) Functional Analysis and Optimization. (Banach spaces, Hahn-Banach Theorem, Operator Derivatives, Abstract Lagrange Multipliers.)

(ii) Control Theory. (Calculus of Variations, Pontryagin Theory, Linear Systems, Feedback Control. Stability.)

(iii) Continuum Economics. (Lebesgue measure of coalition, mean demand, equivalence theorem, limit theorems.)

(iv) Special topic to be announced.

SM122(a) Applied Abstract Analysis Class

Dr Ostaszewski. Twenty classes, Michaelmas and Lent Terms.

SM123 Ideas in Mathematics and Science

Dr Bell. Ten lectures, Michaelmas Term.

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.

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. Gödel'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*.

SM123(a) Ideas in Mathematics and Science Class

Twenty classes, Michaelmas and Lent Terms.

SM124 Introduction to Topology

Dr Alpern. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Sets, relations, orderings and functions. Cardinal numbers. Introduction to general topology. Continuity, compactness, connectedness, correspondences and completeness. Strong and weak topologies.

Recommended reading P. R. Halmos, *Naive Set Theory*; H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; S. Lipschutz, *General Topology* (Schaum Outline Series); J. Hocking and G. Young, *Topology*.

SM124(a) Topology and Convexity Class

Twenty classes, Michaelmas and Lent Terms. In connection with courses SM124, SM125 and SM126.

SM125 Convexity and Duality

Dr Alpern. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Systematic account of convexity in infinite dimensional spaces. Application to systems of linear inequalities matrix games and mathematical programming. Duality.

Recommended reading The Open University texts, *Linear functionals and duality*; *Affine geometry and convex cones*; E. D. Nering, *Linear Algebra and Matrix Theory*; J. Franklin, *Methods of Mathematical Economics*.

SM126 Fixed Point Theorems

Dr Alpern. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Banach, Brouwer and Kakutani fixed point theorems. Applications.

Recommended reading H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; K. Kuratowski, *Introduction to Set Theory and Topology*; A. Kolmogorov and S. Fomin, *Functional Analysis*; D. R. Smart, *Fixed Point Theorems*.

SM127 Sets and Models

Dr Bell. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u.; Dip. Logic and Sci. Meth.; M.Sc.

Syllabus Axiomatic approach to set theory. Cardinals and ordinals. The axiom of choice. First-order languages and their models. Completeness and Löwenheim-Skolem theorems. The elementary chain theory and its consequences.

Recommended reading J. Bell and A. Slomson, *Models and Ultraproducts: An Introduction*; J. Bell and M. Machover, *A Course in Mathematical Logic*; K. Kuratowski and A. Mostowski, *Set Theory*.

SM127(a) Class

Twenty classes, Michaelmas and Lent Terms.

SM128 Axiomatic Set Theory

Dr Bell. Thirty hours, Lent and Summer Terms.

For M.Sc.; Dip. Logic and Sci. Meth. **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 J. Bell and M. Machover, *A Course in Mathematical Logic*; P. Cohen, *Set Theory and the Continuum Hypothesis*; J. Krivine, *Théorie Axiomatique des Ensembles*; Drake, *Set Theory*.

SM129 Infinite Abelian Groups

Dr Freedman.

This course will not be given in 1982-83.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.

SM129(a) Infinite Abelian Groups Class
Ten classes, Lent Term.

SM130 Category Theory
This course will not be given in 1982-83.

Syllabus Functors and natural transformations. Limits and colimits. Adjoints. Completion. Algebraic categories. Abelian categories.
Recommended reading S. MacLane, *Categories for the Working Mathematician*.

SM130(a) Category Theory Class
Ten classes, Lent Term.

STATISTICS

SM200 Basic Statistics
Mr Harvey. Thirty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Man. Sci.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.
Syllabus Descriptive statistics, elements of probability, special distributions, elements of inference, correlation and regression, contingency tables and goodness of fit, sampling from finite populations.
Recommended reading T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics*; J. E. Freund, *Modern Elementary Statistics*; G. M. Clarke and D. Cooke, *A Basic Course in Statistics*; P. G. Hoel, *Elementary Statistics*.

SM200(a) Basic Statistics Class

SM202 Statistical Methods for Social Research
Mr O'Muircheartaigh. Thirty-three lectures, Sessional.
For B.Sc. c.u. main field Soc. 1st yr., Soc. Psych. 1st yr.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 1st yr.; Dip. Soc.
Syllabus Elements of descriptive statistics.

Elementary probability. Survey sampling, sampling distributions, elements of statistical inference, estimation and hypothesis testing. Association in contingency tables. Two-variable correlation and regression. Elementary non-parametric techniques. Elements of probability, t-test, f-test, multiple regression.

Recommended reading H. M. Blalock, *Social Statistics*; D. Rowntree, *Statistics without Tears*; K. A. Yeomans, *Statistics for the Social Scientist*, Vols. I and II; F. R. Jolliffe, *Commonsense Statistics for Economists and Others*; H. J. Loether and D. G. McTavish, *Descriptive Statistics for Sociologists* Vol. I; H. J. Loether and D. G. McTavish, *Inferential Statistics for Sociologists*; C. A. O'Muircheartaigh and D. Pitt-Francis, *Dictionary of Statistics*.

SM202(a) Statistical Methods for Social Research Class
Twenty-three classes.

SM204 Elementary Statistical Theory
Mr Balmer. Forty lectures, Sessional.
For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr., Geog.; Dip. Econ.; Dip. O. R.; Dip. Man. Sci.; M.Sc. prelim. yr.
Syllabus Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship. Regression, Correlation, Analysis of Variance.
Recommended reading INTRODUCTORY: P. G. Hoel, *Elementary Statistics*; J. L. Phillips, *Statistical Thinking*. GENERAL: J. E. Freund, *Modern Elementary Statistics*; R. E. Walpole, *Introduction to Statistics*; R. J. and T. H. Wonnacott, *Introductory Statistics*; P. L. Meyer, *Introductory Probability with Statistical Applications*. Further references will be given during the course. Students are advised not to purchase books in connection with this course before its commencement.

SM204(a) Elementary Statistical Theory Class
Sessional.

SM206 Probability and Distribution Theory
Professor Hajnal. Thirty-three lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc. prelim. yr.; Dip. Econometrics.

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 edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (3rd edn.); A. L. Meyer, *Introductory Probability and Statistical Applications* (2nd edn.).

SM206(a) Probability and Distribution Theory Class
Fifteen classes, Sessional.

SM207 Estimation and Tests
Professor Durbin. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation and its properties. Confidence intervals. Tests of simple hypotheses. Likelihood ratio tests.
Recommended reading B. W. Lindgren, *Statistical Theory* (3rd edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); A. M.

Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 17, 18, 22).

SM207(a) Estimation and Tests Class
Professor Durbin. Five classes, Lent and Summer Terms.

SM210 Analysis of Variance and Quality Control
Dr Howard. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus One and two way classifications. Batch acceptance/rejection, continuous process control.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.); J. Netter and W. Wasserman, *Applied Linear Statistical Models*; G. B. Weatherill, *Sampling Inspection and Quality Control*.

SM210(a) Analysis of Variance and Quality Control Class
Five fortnightly classes, Michaelmas Term.

SM211 Time Series and Forecasting
Mr Harvey. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Trend, seasonality, stationarity, exponentially weighted moving average forecasts. ARMA models, Box-Jenkins forecasting.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; W. Gilchrist, *Statistical Forecasting*; C. Chatfield, *The Analysis of Time Series—Theory and Practice*; C. W. J. Granger, *Forecasting in Business and Economics*; A. C. Harvey, *Time Series Models*.

SM211(a) Time Series and Forecasting Class

Two fortnightly classes, Lent Term and three weekly classes, Summer Term.

SM212 Applied Regression Analysis

Dr Howard. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Multiple linear regression, transformation of data, stepwise and best subsets regression.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; T. H. Wonnacott and R. J. Wonnacott, *Regression: A Second Course in Statistics*; D. R. Cox and E. J. Snell, *Applied Statistics: Principles and Examples*; J. Neter and W. Wasserman, *Applied Linear Statistical Models*.

SM212(a) Applied Regression Analysis Class

Five classes, Lent Term.

SM213 Survey Methods

Dr Phillips. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

Recommended reading G. Kalton and C. Moser, *Survey Methods in Social Investigation*.

SM213(a) Survey Methods Class

Five classes, Lent Term.

For students taking Statistical Techniques for Management Sciences.

SM214 Social Statistics

Mrs Spitz. Twenty-two hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Principles of sampling; stratification, clustering and the

multistage sample. Methods of data collection. Non-sampling errors. Design of experiments, quasi-experiments, retrospective and longitudinal studies.

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*.

SM215 Sample Survey Theory
Mrs Spitz. Fifteen hours,
Michaelmas and Summer
Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Sample survey theory including simple random sampling, stratification, multistage sampling. Optimum allocation for given cost function.

Recommended reading W. G. Cochran, *Sampling Techniques*; L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz and W. G. Meadow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Survey*; A. Stuart, *Basic Ideas of Scientific Sampling*; M. R. Sampford, *An Introduction to Sampling Theory*.

SM216 Multivariate Techniques
Professor Bartholomew. Fifteen
hours, Michaelmas and Lent
Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Principal components, cluster analysis, factor analysis, binary segmentation and multidimensional scaling. Examples of the application of packages to multivariate data.

Recommended reading C. A. O'Muircheartaigh and C. Payne, *Exploring Data Structures*, Vols. I and II; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*; B. Everitt, *Cluster Analysis*; D. J. Bartholomew, *Mathematical Methods in Social Science*.

SM217 Further Statistical Theory and Methods

Professor Durbin. Fifteen hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Minimum variance estimation. The Rao-Blackwell theorem, completeness and the exponential family of distributions. Distribution-free methods, outliers and robustness, exploratory data analysis.

Recommended reading to be announced at the beginning of the course.

SM218 Statistical Theory
Professor Durbin, Miss S. A.

Brown and Dr Knott. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

Syllabus Estimation and elimination of trend. Seasonal adjustment. Models for stationary time series. Exponential smoothing. Box-Jenkins forecasting. Regression, analysis of variance and the general linear model. Models for contingency tables. Multiple comparisons. Elements of the design of experiments. Implementation of the theory on selected packages.

Recommended reading N. R. Draper and H. Smith, *Applied Regression Analysis*; K. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; B. W. Lindgren, *Statistical Theory* (3rd edn.).

SM219 Elementary Stochastic Processes

Professor Bartholomew. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

Syllabus Elementary stochastic processes including Markov chains, Poisson processes, compound Poisson processes and risk theory.

Recommended reading D. R. Cox and H. D. Miller, *The Theory of Stochastic Processes*.

SM220 Applications of Stochastic Processes

Professor Bartholomew. Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

SM221 Actuarial Applications of Stochastic Processes

Mr H. P. J. Karsten. Lent Term.

For B.Sc. c.u. 3rd yr.

SM222 Marketing and Market Research

For B.Sc. c.u. Man. Sci.; Dip. Man.Sci.; B.Sc. (Econ.) Part II.

(i) Introduction

Five hours.

Syllabus The marketing function within an organization—the role of the marketing manager. Marketing decisions and the marketing manager's information systems. Sources of marketing information.

(ii) Stochastic Models

Mr Balmer. Fifteen hours.

Syllabus Brand-choice models; measures of brand loyalty. Purchase incidence models, purchase timing and market penetration, learning models for new product adoption. Optimal advertising rates.

Recommended reading W. F. Massy, D. B. Montgomery and D. G. Morrison, *Stochastic Models for Buying Behaviour*.

(iii) Research Methods

Mrs Spitz. Thirty-five hours.

Syllabus Problem formulation and research techniques. Design and testing of plans. Market and opinion research; sampling; data collection; analysis; presentation. Applications: retail studies, testing, advertising and public opinion research.

(iv) Measurement and Data Analysis

Dr Phillips. Fifteen hours.

Syllabus Models for perception, attitudes and preferences. Statistical models for the analysis of multi-variate marketing data. Metric and non-metric approaches to scaling and data analysis.

SM230 Economic Statistics
Professor Sir Roy Allen and Dr Dougherty. Thirty-five lectures, Sessional.
For B.Sc. (Econ.) Part II; Dip. Econ.

(i) National Accounts Statistics
Professor Sir Roy Allen.
Syllabus An introduction to the main sources of macro-economic statistics. GDP: concepts and methods of estimation. Sector accounts. The balance of payments. Index numbers of prices and volume. Measures of real GDP. The terms of trade and the trade gain.
Recommended reading R. G. D. Allen, *An Introduction to National Accounts Statistics*; U.K. Central Statistical Office, *National Income and Expenditure* (annual Blue Book); U.K. *Balance of Payments* (annual Pink Book); *Economic Trends* (monthly); *National Accounts Statistics, Sources and Methods* (1968 edn.).

(ii) Statistical Theory and Applications
Dr Dougherty.
Syllabus Simple and multiple regression analysis. Misspecification bias. Dummy variables. Multicollinearity. Serial correlation. Heteroscedasticity. Errors in variables. The identification problem. Demand analysis. Surveys of the empirical literature on aggregate consumption and production functions.
Recommended reading Students who have not taken a statistics course in Part I will find the course easier if they read either P. G. Hoel, *Elementary Statistics* or J. E. Freund, *Modern Elementary Statistics* in the preceding summer vacation. There is no ideal textbook for the course itself, but any of the following would be useful: R. E. Beals, *Statistics for Economists*; D. Gujarati, *Basic Econometrics*; J. Hebden, *Statistics for Economists*; J. D. Hey, *Statistics in Economics*; G. S. Maddala, *Econometrics*; J. J. Thomas, *Introduction to Statistical Analysis for Economists*; R. E. Walpole, *Introduction to Statistics*; R. J. Wonnacott and T. H. Wonnacott, *Regression Analysis: A Second Course in Statistics*.

SM230(a) Economic Statistics Classes
Sessional.

SM231 Econometric Theory (Second Year)
Dr Magnus. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.; Dip. Econometrics; M.Sc. prelim. yr.
Syllabus This course will cover multiple regression.

SM231(a) Econometric Theory Classes
Ten classes, Michaelmas Term.

SM232 Econometric Theory (Third Year)
Mr Harvey and Mr Davidson. Twenty hours, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econometrics; Dip. Stats.; M.Sc. prelim. and final yrs.
Syllabus Principles of estimation and testing; maximum likelihood; model specification; dynamic models; simultaneous equation systems.
Recommended reading H. Theil, *Principles of Econometrics*; A. C. Harvey, *The Econometric Analysis of Time Series*; J. Johnson, *Econometric Methods*.

SM232(a) Econometric Theory Classes
Twenty-five classes, Sessional.

SM234 Sources of Social Statistics
Dr Phillips, Dr Bulmer and others. Ten lectures, Lent Term.
For Dip. Stats.; optional for B.Sc. S.S. and A. 1st yr.; research students.
This course is designed as a guide to statistical sources and is suitable for both undergraduates and postgraduates who are interested. Its aim is to assess the major sources and their comparability in the areas of social statistics discussed.
Syllabus The nature and sources of social statistics, with particular reference to Britain. Objectives in the collection of such data. Conceptual problems; reliability and validity. Sources and their comparability. Lecture 1 (week 1) Introduction; levels of living; 2. Political

and social attitudes; 3. Population; 4. Employment; 5. Social class; 6. Crime; 7. Health; 8. Housing; 9. Education; 10. Race and Ethnicity.
Reading will be provided for each lecture. A general source referred to throughout will be the current issue of *Social Trends* (H.M.S.O.).

Note: Courses SM235 and SM236 will be taught in alternate years.

SM235 Actuarial Investigations: Statistical and Financial
Mr H. Karsten. Forty-four hours, Sessional 1982-83.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd or 3rd yr.
Syllabus Basic principles of compound interest, basic functions and equations of value, discounted cash flow terminology and methods of investment appraisal, the annuity certain, capital redemption policies, determination of the rate of interest in a given transaction, valuation of securities, cumulative sinking funds, effect of taxation, effect of variations in interest rates, investment matching by term. Decremental rates and other indices, analysis of experience data and derivation of exposed to risk formulae, calculation of mortality sickness and other decremental rates including multiple decrement rates, selection, graduation methods and their application, curve fitting, tests of graduation, modern methods for large investigations, features of principal tables in common use, national vital statistics and population projection, applications outside insurance.
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 1971*; P. R. Cox, *Demography*.

SM235(a) Actuarial Investigations: Statistical and Financial Class
Twenty-two classes, Sessional.

SM236 Actuarial Life Contingencies
Mr H. Karsten. Forty-five lectures, Sessional 1983-84.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.
Syllabus Construction of mortality, sickness, multiple decrement and other similar tables from graduated data, determination and use of functions based thereon. Values of and premiums for annuities and assurances on one or more lives. Reserves for financial contracts. Values of and contributions for sickness benefit, pension benefits, disability and widows' and orphans' benefits.
Recommended reading A. Neil, *Life Contingencies*; Institute of Actuaries special note: *A Statistical Approach to Life Contingencies*.

SM236(a) Actuarial Life Contingencies Class
Twenty classes, Michaelmas and Lent Terms. In connection with course SM236.

ADVANCED STATISTICS COURSES

SM250 Advanced Probability and Stochastic Processes
Dr Knott and Mr Balmer. Forty lectures, Michaelmas and Lent Terms.
For M.Sc.
Syllabus Topics selected from: Central limit theory. Generating functions. Modes of convergence. Random walks. Brownian motion and diffusion processes. Point processes. Markov decision processes. Statistical inference in stochastic processes. Queueing theory. Learning models. Epidemic models. Spatial processes. Renewal processes and regenerative phenomena. Stochastic models in marketing. Information theory. Branching processes. Theory of optimal stopping.
Recommended reading B. V. Gnedenko, *The Theory of Probability*; P. Whittle, *Probability*; C. R. Heathcote, *Probability*; M. Fisz, *Probability Theory and*

Mathematical Statistics; D. R. Cox and H. D. Miller, *The Theory of Stochastic Processes*; S. M. Ross, *Applied Probability Models with Optimization Applications*.

SM250(a) Advanced Probability and Stochastic Processes Class
Fifteen classes, Michaelmas and Lent Terms.

SM251 Markov Chains and Processes
Professor Hajnal. Twenty-two hours, Michaelmas Term.
For M.Sc.

Syllabus Markov chains with finite number of states in discrete and continuous time. Poisson process.
Recommended reading U. N. Bhat, *Elements of Applied Stochastic Processes*; M. Iosifescu, *Finite Markov Processes and their Applications*; J. G. Kemeny and J. L. Snell, *Finite Markov Chains*; D. L. Isaacson and R. W. Madsen, *Markov Chains: Theory and Applications*; E. Seneta, *Non-negative Matrices and Markov Chains* (2nd edn.).

SM254 Multivariate Analysis
Mr H. Karsten. Twenty lectures, Michaelmas and Lent Terms.
For M.Sc.
Syllabus Multivariate distributions. Multiple regression analysis. Principal component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Cluster analysis. Multidimensional scaling.
Recommended reading M. G. Kendall, *Multivariate Analysis*; K. V. Mardia, J. T. Kent and J. M. Bibby, *Multivariate Analysis*.

SM255 Distribution-Free Methods and Robustness
Professor Durbin and Dr Knott. Twenty lectures, Michaelmas and Lent Terms.
For M.Sc.
Syllabus The rationale of distribution-free methods. Tests of Goodness-of-fit. Rank tests. Permutation Theory. M-Estimators. The influence function. Jack-knife methods.
Recommended reading M. G. Kendall and

A. Stuart, *The Advanced Theory of Statistics*, Vol. II, chaps. 30, 31 and 32; J. Hajek and I. Sidk, *The Theory of Rank Tests*; M. Hollander and D. A. Wolfe, *Nonparametric Statistical Methods*; P. J. Huber, *Robust Statistics*.

SM256 Analysis of Categorized Data
Professor Durbin and Dr Knott. Ten lectures, Lent Term.

For M.Sc.
Syllabus Measurement of association in unordered and ordered two-way tables. Canonical correlations, three-way tables, interactions. Models for tables.
Recommended reading M. G. Kendall and A. Stuart, *Advanced Theory of Statistics*, Vol. II, chap. 33; R. L. Plackett, *Analysis of Categorical Data*; Y. M. Bishop, S. E. Fienberg and P. W. Holland, *Discrete Multivariate Analysis: Theory and Practice*.

SM257 Basic Time-Series Analysis
Professor Durbin and Mr Harvey. Two hours per week, Michaelmas Term.
Syllabus Basic structure of time series. Stationarity. Autocorrelation. Autoregressive-moving average models. Fitting and testing of models. Forecasting, including Box-Jenkins methods. Effects of autocorrelation on regression analysis. Tests of serial independence. Wold decomposition.
Recommended reading A. C. Harvey, *Time Series Models*; *The Econometric Analysis of Time Series*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis*; *Multiple Time Series*; W. A. Fuller, *Introduction to Statistical Time Series*; G. E. P. Box and G. M. Jenkins, *Time Series Analysis, Forecasting and Control*; C. R. Nelson, *Applied Time Series Analysis for Managerial Forecasting*; E. Malinvaud, *Statistical Methods of Econometrics*; T. W. Anderson, *The Statistical Analysis of Time Series*.

SM258 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. Time series analysis in the frequency domain. Spectral representation and spectral density. Effect of linear filtering on the autocorrelation function and the spectral density. Periodogram and estimation of the spectrum.
Recommended reading As for Course SM257 together with P. Bloomfield, *Fourier Analysis of Time Series: An Introduction*; C. W. J. Granger and M. Hatanaka, *Spectral Analysis of Economic Time Series*; G. M. Jenkins and D. G. Watts, *Spectral Analysis and its Applications*.

SM259(i) Advanced Social Statistics
Mrs Spitz. Ten lectures, Michaelmas Term.

For M.Sc.
Syllabus Experimental and quasi-experimental designs in the social sciences. Retrospective investigations, longitudinal studies and the analysis of explanatory surveys.
Recommended reading D. T. Campbell and J. C. Stanley, *Experimental and Quasi-experimental Designs in Social Research*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; E. J. Webb *et al*, *Unobtrusive Measures*; C. W. Harris, *Problems in Measuring Change*; J. A. Caporaso and L. L. Roos, *Quasi-Experimental Approaches*.

SM259(ii) Advanced Social Statistics
Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.
Syllabus Social applications of regression analysis, latent variable models, principal component analysis, multi-dimensional scaling, cluster analysis.
Recommended reading A. E. Maxwell, *Multivariate Analysis in Behavioural Research*; C. Chatfield and A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis* (2nd edn.); C. A. O'Muircheartaigh and C. Payne, *Analysis of Survey Data* (2 Vols.); B. Everitt, *Cluster Analysis*; D. J. Bartholomew, *Mathematical Methods in Social Science*.

SM260 Models for Education and Manpower Planning
Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.
Syllabus The statistical analysis of labour turnover, Markov chain and renewal theory models for manpower forecasting and control, simulation models.
Recommended reading A. R. Smith, *Models of Manpower Systems*; D. J. Bartholomew and A. F. Forbes, *Statistical Techniques of Manpower Planning*; S. Vajda, *Mathematics of Manpower Planning*; R. C. Grinold and K. T. Marshall, *Manpower Planning Models*.

SM260(a) Models for Education and Manpower Planning Class
Five classes, Lent Term.

SM261 Stochastic Models for Social Processes
Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.
Syllabus Models for durations, open and closed Markov models for social and occupational mobility, models for the diffusion of news and rumours.
Recommended reading D. J. Bartholomew, *Stochastic Models for Social Processes* (3rd edn.); R. Boudon, *Mathematical Structures of Social Mobility*; J. C. Kemeny and L. Snell, *Mathematical Models in the Social Sciences*.

SM261(a) Stochastic Models for Social Processes Class
Five classes, Fortnightly, Lent Term.

SM262 Further Sample Survey Theory and Methods
Mr O'Muircheartaigh. Twenty lectures, Michaelmas and Lent Terms.

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* (3rd 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*.

SM262(a) Further Sample Survey Theory and Methods Class

Eight classes, Lent and Summer Terms.

SM264 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.

Recommended reading C. A. Moser and G. Kalton, *Survey Methods in Social Investigations* (2nd edn.); C. A. O'Muircheartaigh and C. D. Payne (Eds.), *The Analysis of Survey Data*.

SM265 Statistical Aspects of Educational Planning

Dr Phillips. Ten lectures, Michaelmas Term.

Whole course for M.Sc.

First five lectures also for Dip. Stats.

Syllabus Criteria for establishing priorities in planning in advanced and developing countries. Methods of forecasting the demand for education, and the demand and supply of teachers. Methods of forecasting manpower requirements. The analysis of educational expenditures. Computable models of the educational system.

Recommended reading M. Blaug, "Approaches to Educational Planning" (*The Economic Journal*, June 1967); C. A. Moser, P. R. G. Layard, "Planning the

Scale of Higher Education in Britain: Some Statistical Problems" (*Journal of the Royal Statistical Society*, Series A, 4, 1964); O.E.C.D., *Mathematical Models in Educational Planning*; G. Orcutt and others, *Microanalysis of Socioeconomic Systems—A Simulation Study*, especially chaps. 1, 2, 3, 8, 9, 10, 13; H. S. Parnes, *Forecasting Educational Needs for Economic and Social Development*, chaps. 1-5; A. Peacock, J. Wiseman, S. Harris, *Financing of Education for Economic Growth*, chaps. 6 and 7; *The Robbins Report*, Appendix One, Part IV; R. Stone, "Input-Output and Demographic Accounting: A Tool for Educational Planning" (*Minerva*, Spring 1966); J. Tinbergen and others, *Econometric Models of Education: Some Applications*; U.S. Department of Health, Education and Welfare, *Equality of Educational Opportunity: Ninth Report of the National Advisory Council for the Training and Supply of Teachers*, especially Part I.

SM265(a) Statistical Aspects of Educational Planning Class

Dr Phillips.

SM266 Fortran Programming (Statistics)

Miss S. A. Brown. Last week, Summer vacation.

For M.Sc.: Statistics, Diploma in Statistics.

Recommended reading D. D. McCracken, *A Guide to Fortran IV Programming*.

SM267 Statistical Analysis Practical Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

For M.Sc. Statistics.

Fortran computer language will be used.

SM268 Further Statistical Methods

Professor Bartholomew. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Nonparametric and distribution free techniques, analysis of variance and covariance for various experimental designs. Multiple and regression.

Recommended reading will be given at the start of the course.

SM269 Basic Statistical Theory Professor Bartholomew and Dr Knott. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.; Dip. Stats.; Dip. O. R.

Students who already have a knowledge of statistics need not attend until the fourth week of the Michaelmas Term. **Syllabus** Probability and distribution theory, estimation theory, regression, analysis of variance and general linear models.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I; P. G. Hoel, *Introduction to Mathematical Statistics*; O. L. Davies, *Statistical Methods in Research and Production*; N. R. Draper and H. Smith, *Applied Regression Analysis*; P. L. Meyer, *Introductory Probability and Statistical Applications* (2nd edn.).

SM269(a) Statistical Theory Class

Twenty classes, Sessional.

SM271 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 Durbin or Professor Bartholomew.

SM272 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 Durbin, Professor Bartholomew or Professor Hajnal.

COMPUTING AND OPERATIONAL RESEARCH

SM302 Introduction to Computing Mr Cornford. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Bus. Studies; Dip. Stats.; Dip. O. R.; Dip. Man. Sci.

Syllabus Computer hardware; central processing unit and peripheral devices. Micro Processors and Micro Computers. Data Communication. Computer software: loaders, assemblers, utilities and operating systems. Applications software. Programming languages and the methodology of programming.

Recommended reading R. Hunt and J. Shelley, *Computer and Common Sense*; J. Martin, *Programming Real-Time Computer Systems*; H. W. Lawson, *Understanding Computing Systems*; H. D. Claton, *Business Data Systems*.

SM302(a) Introduction to Computing Class

Twenty classes, Sessional.

SM303 Fortran Programming (General)

Miss Hewlett and others.

An introduction to programming in FORTRAN 77 for beginners.

The course will be given twice during the session.

(a) Course lasting five days. Christmas vacation.

(b) Course lasting five days. Easter vacation.

Anyone wishing to take this course should register with the Computer Unit Receptionist (Room S.100).

Recommended reading L. P. Meissner and E. I. Organick, *Fortran 77*; A. Balfour

and D. H. Marwick, *Programming in Standard Fortran 77*.

SM304 Fortran 77

Miss Hewlett. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. O. R.; Dip. Stats.; M.Sc. **Syllabus** The syntax of the Fortran 77 programming language.

Recommended reading L. P. Meissner and E. I. Organick, *Fortran 77*; A. Balfour and D. H. Marwick, *Programming in Standard Fortran 77*.

SM304(a) Fortran IV Class

Miss Hewlett and others. Ten classes, Michaelmas Term.

SM305 BASIC Programming

Mr Sharp. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.; Dip. Bus. Studies; Dip. Stats.; Dip. O. R.; Dip. Man. Sci.

Syllabus Problem formulation and solution using the BASIC Programming language. Course includes practical experience of programming.

Recommended reading J. J. Sawatzky and Shu Jen Chen, *Programming in BASIC-PLUS*; E. B. Koffman and F. L. Friedman, *Problem Solving and Structured Programming in BASIC*.

SM305(a) BASIC Programming Class

Ten classes, Michaelmas and Lent Terms.

SM306 Computing Methods I

Mr Cornford and Mr Hirschheim. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O. R. **Syllabus** The Pascal programming language, data structures and program design methods. The programming support environment. Database design - Models and Methods.

Recommended reading L. V. Atkinson, *Pascal Programming*; P. Grogono,

Programming in Pascal; E. S. Page and L. B. Wilson, *Information Representation and Manipulation in a Computer*; C. Date, *Introduction to Database Systems*; S. Atre, *Structured Techniques for Design, Performance and Measurement*.

SM307 Computing Methods II

Mr Cornford. Twenty Lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O.R.

Syllabus Introduction to Computer Architecture and instruction sets, addressing and interrupts. Micro-processors and micro processor based systems. Computer communication techniques. Local area networks. Micro computer operating systems. Developments of micro-electronic technology.

Recommended reading J. F. Walkerly, *Micro Computer Architecture and Programming*; N. L. Dertouzos and J. Moses, *The Computer age - a twenty year view*; T. Forrester, *The Micro-Electronic Revolution*; G. H. MacEwan, *Introduction to Computer Systems using the PDPII and Pascal*; R. Zaks, *Programming the Z80*; F. Halsall and P. F. Lister, *Micro Processor Fundamentals*.

SM307(a) Computing Methods II Class

Twenty classes, Michaelmas and Lent Terms.

SM308 Computer Applications

Professor F. F. Land and others. Ten Lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Man. Sci.; M.Sc.

Syllabus Survey of Computer Applications. Anatomy of a typical application. Detailed analysis and case studies of a number of applications - for example production control, information retrieval, office automation.

Recommended reading C. Grindley and J. Humble, *The Effective Computer*; J. Martin, *The Telematic Society*; J. Race, *Case Studies*; Selected papers from *Harvard Business Review* and *EDP Analyser*.

SM308(a) Computer Applications Class

Five classes, Lent Term.

Syllabus Visits to Computer Users and Case Studies.

SM309 Data Processing Methods

Professor F. F. Land. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; M.Sc.

Syllabus Analysis of types of Information Systems: data processing systems, batch and real time: centralised and distributed systems: office automation. Data collection and capture. Integrity of the information system and auditing system. The privacy problem. The programming problem and its solutions.

Recommended reading A. Parkin, *Systems Analysis*; H. D. Clifton, *Business Data Systems*; J. Martin, *Security, Accuracy and Privacy of Computer Systems*; F. W. McFarlan, F. Warren, R. C. Nolan and D. P. Norton, *Information Systems Administration*; T. Forrester, *The Microelectronic Revolution*; P. Keen and M. Scott Morton, *Decision Support Systems*; G. Weinberg, *The Psychology of Computer Programming*; E. P. Brooks, *The Mythical Man-Month*.

SM309(a) Data Processing Methods, Undergraduate and Diploma Class

Ten classes, Michaelmas Term.

SM310 Systems Analysis Methodology I

Professor F. F. Land and Mr Stamper. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Man. Sci.

Syllabus Introduction to Systems Life Cycle: Identification and Description of problems and opportunities, defining objectives, feasibility study, analysis and design of computer based information systems, specification and evaluation of systems. Reviews of approaches to analysis and design. The need for formal methods and tools: flowcharts, decision tables and decision trees, data flow

diagrams, precedence matrix, specification languages. Socio-technical and other methods: information requirements analysis, diagrammatic methods. Impact of changes in technology on methods.

Recommended reading E. Mumford and A. Pettigrew, *Implementing Strategic Decisions*; P. G. W. Keene and M. S. Scott Morton, *Decision Support Systems*; E. Mumford and D. Henshall, *The Participative Approach to the Designs of a Computer System*; E. Mumford and M. Weir, *Systems in Work Design - the ETHICS Method*.

Additional reading H. Lucas, F. Land, T. Lincoln and K. Supper, *The Computer System Environment*; A. Parkin, *Systems Management*; T. De Marco, *Structured Analysis and Systems Specifications*; J. C. Emery, *Cost Benefit Analysis of Information Systems*.

SM310(a) Systems Analysis Methodology I Class

Twenty Classes, Michaelmas and Lent Terms.

SM311 Computer File Organisation

Mr Radzymer. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Bus. Stud.; Dip. Stats.; Dip. Man. Sci.; Dip. O.R.; M.Sc.

Syllabus Data representation, data structures, data storage devices, file organisation and processing. **Recommended reading** H. D. Clifton, *Business Data Systems*; J. Martin, *Principles of Database Management*; S. J. Waters, *Introduction to Computer Systems Design*, Selected Papers.

SM312 Numerical Methods

Lecturer to be announced.

Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.; Dip. O.R.

Syllabus An introduction to the use of digital computers in the solution of numerical problems. Fixed and floating point storage and arithmetic. Error analysis. Algorithms for approximation,

interpolation, numerical differentiation and integration, solution of differential equations. Evaluations of functions. Solution of non-linear equations. Numerical methods in linear algebra. Random number generation and Monte Carlo methods. Optimization techniques, including steepest descent, gradient and related methods and elementary linear programming.

Note It will be assumed that students have attended Course SM303 or SM304.

Recommended reading S. D. Conte, *Elementary Numerical Analysis*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*; T. H. Naylor *et al.*, *Computer Simulation Techniques*; L. R. Carter and E. Huzan, *A Practical approach to Computer Simulation in Business*; W. Murray (Ed.), *Numerical Methods for Unconstrained Optimization*.

SM312(a) Numerical Methods Class

Twenty-five classes, Sessional.

SM313 Elements of Management Mathematics

Dr Howard, Mr Rosenhead and Dr Knott. Thirty lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; M.Sc.; Dip. Systems Analysis & Design; Dip. Bus. Stud.; Dip. Econ.

(i) Elements of Probability

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*.

(ii) Elements of Management Mathematics

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 D. R. Anderson, D. J. Sweeney and T. A. Williams, *An Introduction to Management Science*; L. Lapin, *Management Science for Business Programming*; J. C. Turner, *Modern Applied Mathematics*.

SM313(a) Elements of Management Mathematics Class Sessional.

SM313(b) Revision Class Summer Term.

SM314 Operational Research Techniques

Mr Rosenhead and Dr Howard. Twenty-five lectures, Sessional. For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Man. Sci.; Dip. O.R.

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.*

SM314(a) Operational Research Techniques Class

Twenty-four classes, Sessional.

SM315 Mathematical Programming

Professor A. Land. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Man. Sci.; Dip. O.R.

Syllabus Some aspects of model building in mathematical programming including linear programming, quadratic, integer programming, network models. A

familiarity with simple matrix algebra will be assumed. Students will be expected to formulate and solve problems with the use of library programs.

Recommended reading D. Smith, *Linear Programming Models in Business*; H. P. Williams, *Model Building in Mathematical Programming*; S. Zionts, *Linear and Integer Programming*.

SM315(a) Mathematical Programming Class

Twelve classes, Michaelmas and Lent Terms.

SM316 Model Building in Mathematical Programming

Professor A. Land. Thirteen lectures, Lent and Summer Terms, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O.R. **Syllabus** Workshop on construction of mathematical programming models, matrix generators, use of a large scale mathematical programming package. **Recommended reading** H. P. Williams, *Models Building in Mathematical Programming*.

SM316(a) Model Building in Mathematical Programming

Professor A. Land. Thirteen classes, Lent and Summer Terms.

SM317 Simulation

Dr Paul. Ten fortnightly lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O.R. **Syllabus** Types and uses of simulation models. Manual simulation models, activity cycle diagrams. Computer simulation model structures. Stochastic input generation and output analysis.

Recommended reading G. S. Fishman, *Concepts and Methods in Discrete Event Digital Simulation*.

SM317(a) Simulation Classes

Ten fortnightly classes, Michaelmas and Lent Terms.

SM318 Management Sciences Seminars

Dr Paul. Ten meetings fortnightly, Michaelmas and Lent Terms.

For B.Sc. c.u. Man. Sci. 1st yr.;

Syllabus What are Management Sciences?

ADVANCED COMPUTING AND OPERATIONAL RESEARCH COURSES

SM350 Operational Research Methodology

Mr Rosenhead. Ten meetings of two 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*; A. Sandberg, *The Limits to Democratic Planning*; J. Irvine, I. Miles, J. Evans (Eds.), *Demystifying Social Statistics*; G. Majone and E. S. Quade (Eds.), *Pitfalls of Analysis*

SM351 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; R. E. D. Woolsey and H. S. Swanson, *Operations Research for Immediate Application: A Quick and Dirty Manual*.

SM351(a) Basic Operational Research Techniques Class
Ten classes, Michaelmas Term.

SM352 Advanced Operational Research Techniques
Mr Rosenhead, Dr Howard 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*; R. B. Cooper, *Introduction to Queueing Theory*; D. R. Cox and W. L. Smith, *Queues*; E. Page, *Queueing Theory in O.R.*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; K. R. Baker, *Introduction to Sequencing and Scheduling*; G. Hadley and T. M. Whitin, *Analysis of Inventory Systems*.

SM352(a) Advanced Operational Research Techniques Class
Fifteen classes, Lent and Summer Terms.

SM353 Basic Mathematical Programming
Professor A. 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 S. Vajda, *Readings in Linear Programming*; D. Smith, *Linear Programming Models in Business*; H. P. Williams, *Model Building in Mathematical Programming*.

SM353(a) Basic Mathematical Programming Class
Ten classes, Michaelmas Term.

SM354 Advanced Mathematical Programming
Professor A. Land. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.
Syllabus Basic formulations and theories of mathematical programming, convex point sets, linear and non-linear objective functions. Methods of solution.
Recommended reading S. Zions, *Linear and Integer Programming*; G. Hadley, *Linear Programming*; D. Gale, *The Theory of Linear Economic Models*; G. B. Dantzig, *Linear Programming and Extensions*; A. Land and S. Powell, *Fortran Codes for Mathematical Programming*; S. Vajda, *Theory of Linear and Non-Linear Programming*; S. Vajda, *Readings in Linear Programming*; Garfinkel and Nemhauser, *Integer Programming*; E. M. L. Beale, *Linear Programming in Practice*; P. R. Adby and M. A. H. Dempster, *Introduction to Optimisation Methods*; R. Fletcher, *Unconstrained Optimization*.

SM354(a) Advanced Mathematical Programming Class
Sessional.

SM355 Theory of Games
Dr Howard. 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*; A. J. Jones, *Game Theory* (Ellis Horwood Series).

SM356 Graph Theory
Professor A. Land. Ten hours, Michaelmas 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*; J. A. Bondy and U. S. R. Murty, *Graph Theory with Applications*.

SM357 Applied Statistics and Forecasting Techniques for Operational Research

Dr Howard. Ten lectures, Michaelmas Term.
For M.Sc.; Dip. Systems Analysis and Design.

Syllabus Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.
Recommended reading L. L. Lapin, *Statistics for Modern Business Decisions*; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; R. G. Brown, *Smoothing, Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*.

SM357(a) Applied Statistics and Forecasting Techniques for Operational Research Class
Five classes, Michaelmas Term.

SM358 Selected Topics in Operational Research

Professor A. Land, Mr Rosenhead, Dr Howard and others. Fifteen meetings, Michaelmas and Lent Terms.
For M.Sc.; Dip. Systems Analysis & Design.
Syllabus Various speakers will present illustrations of the practical applications of operational research techniques. Intended for students having a

preliminary acquaintance with the subject.
Recommended reading References to current literature will be provided during the course.

SM359 Operational Research Tutorial Class

Dr Paul and others. One-day session.
For M.Sc.; Dip. Systems Analysis & Design.

SM360 Systems Specifications
Dr Waters. Ten hours, Michaelmas Term.

For Dip. Systems Analysis and Design; M.Sc.
Syllabus Anatomy, objectives and life-cycle of a data processing system. Specifying data dictionary, messages, database and procedures. Documentation standards and high-level systems languages.
Recommended reading B. Langefors, *Theoretical Analysis of Information Systems*; H. D. Clifton, *Business Data Systems*; T. De Marco, *Structured Systems Analysis*; J. Martin, *Principles of Database Management*; C. B. Grindley, *Systematics*; J. D. Cougar and R. W. Knapp, *Systems Analysis Techniques*; S. J. Waters, *Systems Specification*, Selected Papers.

SM361 Information Systems in Human Affairs

Mr Stamper and others. Fifteen lectures, Michaelmas and Lent Terms.

For Dip. Systems Analysis and Design; M.Sc.
Syllabus Information and other properties of signs. Signs and human behaviour (pragmatics), signs and what they purport to mean (semantics), structures of signs (syntactics), statistical properties of signs in use (empirics). Knowledge and its appraisal. Norms rules and commands. Survey of information systems, MIS, DSS etc. Systems thinking and its alternatives. Modern social history of technology and the emergence of the computer. Contemporary applications in a social context. Information technology and social control.

Recommended reading F. Dretske, *Knowledge and the Flow of Information*; D. Silverman, *The Theory of Organisations*; S. L. Alter, *Decision Support Systems*; W. Kent, *Data and Reality*; P. Checkland, *Systems Thinking Systems Practice*; C. Cherry, *On Human Communication*; R. Stamper, *Information in Business and Administrative Systems*; E. T. Hall, *The Silent Language*; J. Allwood et al, *Logic in Linguistics*; J. R. Searle, *Speech Acts*; A. Mowshowitz, *The Conquest of Will*.

SM361(a) Information Systems in Human Affairs

Twenty classes, Michaelmas and Lent Terms.

SM362 Information Systems Management

Professor F. Land and Mr Hirschheim. Ten lectures, Michaelmas Term.

For Dip. Systems Analysis and Design; M.Sc.

Syllabus The Systems Life Cycle. Alternative methods of life cycle. Economic evaluation of computer based systems. Models of information value. Estimating project costs and benefits. Project performance standards. Measurement of systems development and result. Audit and control of computer systems. Physical and logical security of computer systems. Project management. Resource estimation. Computer centre administration. Functional organisation, project organisation and matrix organisation of the systems development effort. Information systems planning. Privacy issues.

Recommended reading C. B. Grindley and J. Humble, *The Effective Computer*; J. C. Emery, *Cost Benefit Analysis of Information Systems*; H. D. Clifton, *Business Data Systems*; L. J. Krauss and A. Macgahan, *Computer Fraud and Countermeasures*; H. Lucas, F. Land, T. Lincoln and K. Supper, *The Computer Systems Environment*; J. Martin, *Security, Accuracy and Privacy of Computer Systems*; B. Jenkins and A. Pinkney, *An Audit Approach to Computers*; D. K. Hsiao, D. S. Kerr, and S. E. Madnick, *Computer Security*; F. P. Brooks, *The Mythical Man-Month*; P. W. Metzger, *Managing a Programming Project*; G. M.

Weinberg, *The Psychology of Computer Programming*; J. D. Aron, *The Program Development Process*; F. W. McFarlan, R. L. Nolan and D. P. Norton, *Information Systems Administration*; F. W. McFarlan and R. L. Nolan, *The Information Systems Handbook*; D. B. Parker, *Crime by Computers*; Selected papers and case studies.

SM362(a) Information Systems Management Class

Five classes, Michaelmas Term.

SM363 Systems Analysis Methodology II

Professor F. Land and Mr Hirschheim. Ten lectures, Lent Term.

For Dip. Systems Analysis and Design; M.Sc.

Syllabus Various systems analysis methodologies, e.g. ISAC, ISM, Structural Analysis, Systems-based methods, etc. The socio-technical approach to systems analysis and design. The organisational context into which systems fit. Tools for diagnosis: variance analysis, job satisfaction analysis. Future analysis. Tools for evaluation.

Recommended reading E. Mumford and D. Henshall, *The Participative Approach to the Design of a Computer System*; E. Mumford and A. Pettigrew, *Implementing Strategic Decisions*; N. Szyperki and E. Groshla (Eds.), *Computer Based Information Systems*; E. Mumford and H. Sackman (Eds.) *Human Choice and Computers*; I. A. Mowshowitz (Ed.), *Human Choice and Computers II*; C. Hines and G. Serle, *Automatic Unemployment*; P. Kraft, *Programmers and Managers*; T. De Marco, *Structured Analysis and Systems Specifications*; C. Gane and T. Sarson, *Structured Analysis Tools and Techniques*; P. Checkland, *Systems Thinking and Systems Practice*; A. Sage, *Methodology for Large Scale Systems*; G. Weinberg, *Structural Analysis*; Selected papers and case studies.

SM363(a) Systems Analysis Methodology II Class

Ten classes, Lent Term.

SM364 Computer Systems Design

Dr Waters. Ten lectures, Lent Term.

For Dip. Systems Analysis and Design; M.Sc.

Syllabus Anatomy and objectives of a computer system. Design methodology; manual, computer-aided and automatic. Design techniques; parameterisation and data/process diagrams. Comprehensive computer systems (e.g. precedence networks and decision tables).

Recommended reading B. Langfors, *Theoretical Analysis of Information Systems*; J. Martin, *Design of Real-Time Computer Systems*; J. Martin, *Computer Database Organisation*; T. De Marco, *Structured Analysis and Systems Specifications*; S. J. Waters, *Introduction to Computer Systems Design*; S. J. Waters, *Systems Specification*; E. Yourdon, *Techniques of Program Structure and Design*; Selected papers and case studies.

SM365 Basic Systems Analysis

Professor F. Land. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus Information systems and the Information Systems Life-Cycle. The role of the systems analyst. Review of computer applications.

Recommended reading F. W. McFarlan and R. L. Nolan, *The Information Systems Handbook*; A. Parkin, *Systems Analysis*; H. D. Clifton, *Business Data Systems*; E. P. Brooks, *The Mythical Man-Month*; C. Grindley and J. Humble, *The Effective Computer*; T. De Marco, *Structured Analysis and Systems Specification*; A. Burns, *The Microchip*.

SM365(a) Basic Systems Analysis Class

Five classes, Michaelmas Term.

SM366 Economics for Operational Research

Dr Lane. Ten hours, Michaelmas Term.

For M.Sc.

SM367 Planning and Design Methods

Mr Rosenhead. Ten hours, 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*; A. Sandberg, *The Limits to Democratic Planning*; M. M. Camhis, *Planning Theory and Philosophy*; M. Greenberger, M. A. Crenson and B. L. Crissey, *Models in the Policy Process*; A. J. Scott, *The Urban Land Nexus and the State*.

SM368 Introduction to Simulation

Dr Paul and Mr Balmer. 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. SM351.

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*.

SM368(a) Introduction to Simulation Class

Five classes, Lent Term.

SM369 Topics in Systems Analysis (Seminar)

Mr Hirschheim and others. Ten fortnightly seminars, Sessional.

For Dip. Systems Analysis & Design; M.Sc.

Syllabus The data resource. Database administration. Data analysis. Database design. Terminal dialogue design. Program design. Fact recording; data dictionary, messages, database and processes. Higher level system languages. Systematics. Information algebras. The computer industry. Developments in information systems technology. Decision support systems. Information systems and organisations. Analysis and design for selected case studies.

Recommended reading H. Lucas, F. Land, T. Lincoln and K. Supper, *The Information Systems Environment*; Fick and R. Sprague, *Decision Support Systems: Issues and Challenges*; J. Martin, *Design of Real-Time Computer Systems*; J. Martin, *Systems Analysis for Data Transmission*; J. Martin, *Design of Man-Computer Dialogues*; E. Yourdon, *Techniques of Program Structure and Design*; G. Wiederhold, *Database Design*; J. Martin, *The Telematic Society*; P. Keen and M. Scott Morton, *Decision Support Systems*; S. Alter, *Decision Support Systems*; C. B. Grindley, *Systematics*; R. Mason and E. Swanson, *Measurement for Management Decision*; J. Weldon, *Database Administration*; T. Crowe and R. Avison, *Management Information from Data Bases*; M. Lockett and R. Spear, *Organisations as Systems*; Selected papers and case studies.

SM370 Computers in Information Processing Systems

Mr Hirschheim. Thirty lectures, Michaelmas and Lent Terms.

For Dip. Systems Analysis & Design; M.Sc.
Syllabus Review for software and hardware concepts, e.g. computer architecture, system software (operating systems, assemblers, compilers, linkers and loaders) etc. Database management – basic concepts, architectures, models, languages, systems, etc. Data dictionaries. Query languages. Distributed processing. Communication system hardware. Communication system architecture. Micro-computers. Office automation. Artificial intelligence. Effects of new micro electronic developments.
Recommended reading J. Donovan, *Systems Programming*; G. Gear, *Computer Organisation and Programming*;

S. Madnick and J. Donovan, *Operating Systems*; D. Hebditch, *Data Communications*; D. Davis and D. Barber, *Communication Networks for Computers*; S. Atre, *Data Base: Structured Techniques for Design Performance and Management*; C. Date, *Introduction to Database Systems*; R. Maddison and M. Vetter, *Database Design Methodology*; B. Lientz, *An Introduction to Distributed Systems*; B. Chen, *Entity-Relationship Approach to Systems Analysis and Design*; M. Dertouzos and J. Moses, *The Computer Age*; C. Evans, *The Mighty Micro*; T. Forrester, *The Microelectronics Revolution*; A. Burns, *The Microchip*; I. Barron and R. Curnow, *The Future with Microelectronics*. Selected papers.

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Professor Flowerdew and Dr Powell. Twenty meetings, Michaelmas and Lent Terms.

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A practical course in quantitative model-building for students wishing to carry out research in this area.

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Mr Rosenhead. Five lectures, Lent Term.

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Syllabus Theory and application of locational techniques. Location on a network or plane, to minimize cost or distance, or maximum utilization. The effect of the distance metric. Application to location of warehouses, emergency services and health facilities, and to electoral re-districting.

Recommended reading B. Massam, *Location and Space in Social Administration*.

SM373 Distribution and Scheduling

Dr Paul. Five lectures, Lent Term.

For M.Sc.

Syllabus Applications of scientific techniques to the practical problems of siting, routing, scheduling and control.
Recommended reading S. Eilon, C. D. T. Watson-Gandy and N. Christofides, *Distribution Management*; W. L. Price, *Graphs and Networks: An Introduction*; E. J. Beltrami, *Models for Public Systems Analysis*.

SM374 Modelling Controls in a Dynamic System

Dr Zauberman. Five lectures, Michaelmas Term.

For M.Sc.
Syllabus Optimal control of a dynamic system. Bellman's dynamic programme, Pontryagin's maximum principle of dynamic games. Emphasis on applications. Course Ec249 recommended background.

SM375 Cost-Benefit Analysis

Professor Flowerdew. Five lectures, Lent Term.

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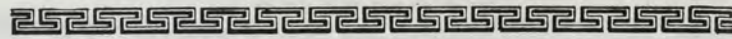
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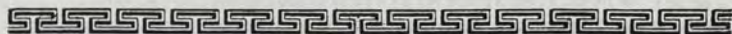
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