The London School of Economics and Political Science

Calendar 1972-73

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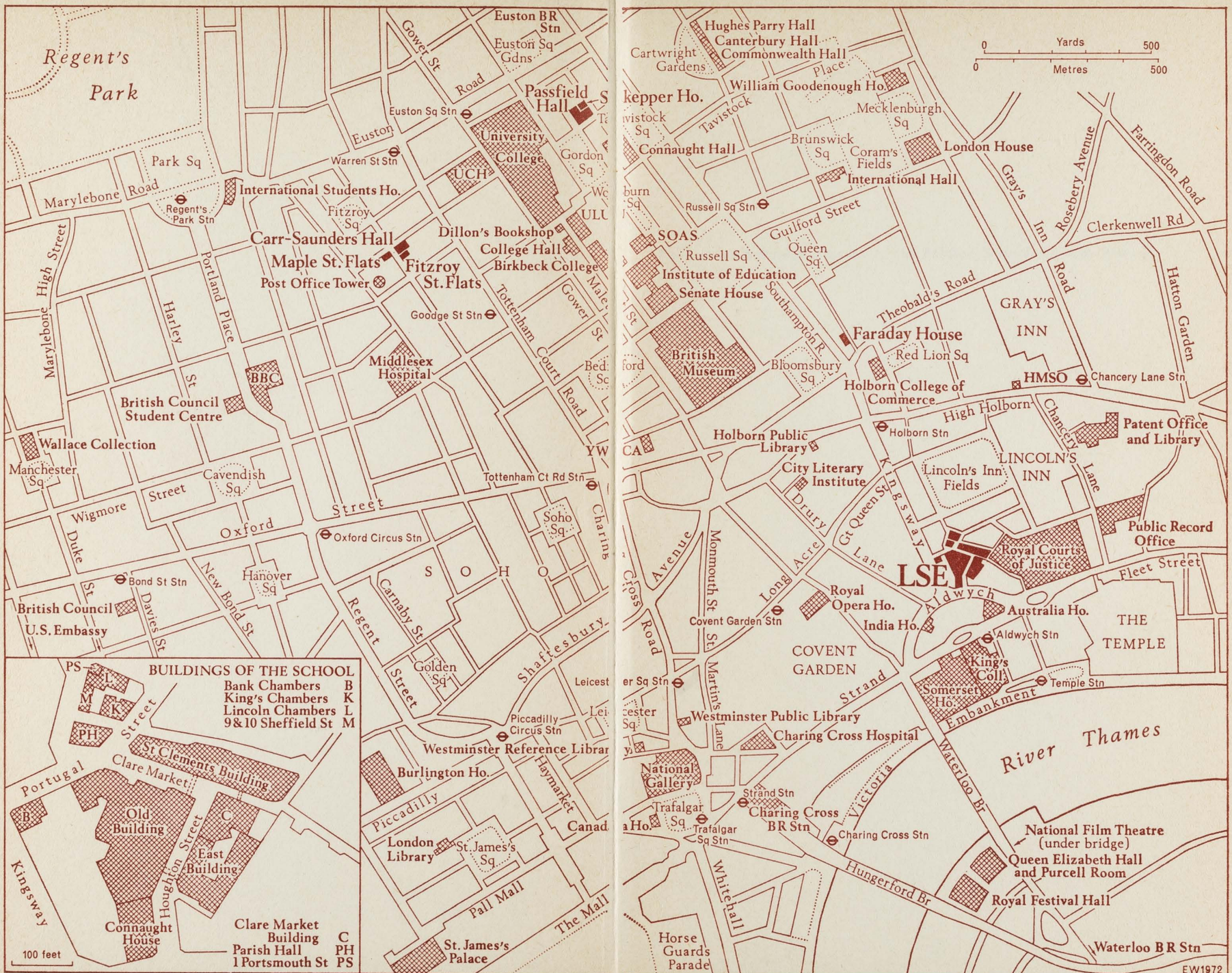

Regent's Park
Euston BR Stn
Euston Sq Gdns
Gower St
Road
Passfield Hall
Euston Sq Stn
Euston
University College
Gordon Sq
Warren St Stn
UCH
Park Sq
Marylebone Road
Regent's Park Stn
International Students Ho.
Fitzroy Sq
Carr-Saunders Hall
Maple St. Flats
Fitzroy St. Flats
Post Office Tower
Dillon's Bookshop
College Hall
Birkbeck College
Goodge St Stn
Tottenham Court Road
Gower St
Marylebone High Street
Harley St
Portland Place
Middlesex Hospital
BBC
British Council Student Centre
Wallace Collection
Manchester Sq
Cavendish Sq
Wigmore Street
Oxford Street
Oxford Circus Stn
Tottenham Ct Rd Stn
Soho Sq
Charing
Duke St
Bond St Stn
Davies St
New Bond St
Hanover Sq
British Council
U.S. Embassy
Regent Street
Carnaby St
Golden Sq
S O H O
Shaftesbury
Leicester Sq Stn
Piccadilly Circus Stn
Westminster Reference Library
Burlington Ho.
Haymarket
Piccadilly
London Library
St. James's Sq
Pall Mall
The Mall
St. James's Palace
Canada Ho.
Hughes Parry Hall
Canterbury Hall
Commonwealth Hall
Cartwright Gardens
William Goodenough Ho.
Place
Tavistock
Mecklenburgh Sq
Connaught Hall
Brunswick Sq
Coram's Fields
London House
International Hall
Russell Sq Stn
Guilford Street
SOAS
Russell Sq
Queen Sq
Institute of Education
Senate House
Southampton R
Theobald's Road
Faraday House
Red Lion Sq
British Museum
Bloomsbury Sq
Holborn College of Commerce
HMSO
Chancery Lane Stn
High Holborn
Holborn Stn
Holborn Public Library
City Literary Institute
Lincoln's Inn Fields
LINCOLN'S INN
Chancery Lane
Patent Office and Library
Public Record Office
Royal Courts of Justice
Fleet Street
Drury Lane
Gt Queen St
Kingsway
Long Acre
Royal Opera Ho.
India Ho.
Covent Garden Stn
Aldwych
Australia Ho.
Aldwych Stn
THE TEMPLE
COVENT GARDEN
King's Coll.
Somerset Ho.
Temple Stn
Embankment
Strand
Westminster Public Library
Charing Cross Hospital
National Gallery
Strand Stn
Trafalgar Sq
Trafalgar Sq Stn
Charing Cross BR Stn
Charing Cross Stn
Victoria
Waterloo Br
River Thames
National Film Theatre (under bridge)
Queen Elizabeth Hall and Purcell Room
Royal Festival Hall
Hungerford Br
Whitehall
Horse Guards Parade
Waterloo B R Stn
Yards 0 500
Metres 0 500
Gray's Inn Road
Rosebery Avenue
Farringdon Road
Clerkenwell Rd
Hatton Garden
Cross Road
Avenue
Monmouth St
St. Martin's Lane
BUILDINGS OF THE SCHOOL
Bank Chambers B
King's Chambers K
Lincoln Chambers L
9&10 Sheffield St M
PS
L
M
K
PH
Portugal Street
St Clements Building
Clare Market
B
Old Building
C
East Building
Houghton Street
Kingsway
Connaught House
Clare Market Building C
Parish Hall PH
1 Portsmouth St PS
100 feet
EW1972

The London School of Economics and Political Science *Calendar 1972–73*

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

Calendar 1972–73

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Political Studies:
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501 Demography
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512 Social Science and Administration
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553 Operational Research

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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) and *Timetabling Office* (Room H306)
Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
2.0 p.m. to 4.30 p.m.
Wednesday: 10.30 a.m. to 12.30 p.m.

Undergraduate Admissions Office (Room H301)
Monday to Friday: 2.0 p.m. to 4.30 p.m.

Graduate School Office (Room H203)
Monday, Tuesday, Thursday, Friday: 10.30 a.m. to 12.30 p.m.
2.0 p.m. to 4.30 p.m.
Wednesday: 10.30 a.m. to 12.30 p.m.

Graduate Admissions Office (Room H205)
Monday to Friday: 2.0 p.m. to 4.30 p.m.

Official Publications:

Calendar of the School, obtainable from The Economists' Bookshop, Clare Market, Portugal Street, London, WC2A 2AB, £1·50 plus postage
Annual Report by the Director on the Work of the School
Handbook of Undergraduate Courses
The Graduate School
General Course Registration
Department of Anthropology
Department of Statistics, Computing, Demography, Mathematics and Operational Research
Diploma in Development Administration
Department of Social Science and Administration
Diploma in Personnel Management
Trade Union Studies
Graduate Studies in Politics
Graduate Studies in Social Psychology
Regional and Urban Planning Course

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

Dates of Terms

Session 1972-73

Michaelmas Term: Monday, 2 October to Tuesday, 12 December 1972 (Teaching begins Wednesday, 4 October)

Lent Term: Monday, 8 January to Friday, 16 March 1973

Summer Term: Wednesday, 25 April to Friday, 29 June 1973

Session 1973-74

Michaelmas Term: Monday, 1 October to Tuesday, 11 December 1973 (Teaching begins Wednesday, 3 October)

Lent Term: Monday, 7 January to Friday, 15 March 1974

Summer Term: Monday, 22 April to Friday, 28 June 1974

Calendar 1972-73

(University functions in italics)

September 1972

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

October 1972

1	S	
2	M	**School Michaelmas Term begins**
3	Tu	Standing Committee, 5.45 p.m.
4	W	*University Michaelmas Term begins.* Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
5	Th	
6	F	
7	S	
8	S	
9	M	Building Committee, 5 p.m.
10	Tu	Publications Committee, 11 a.m. Safety Committee, 4 p.m.
11	W	General Purposes Committee, 2 p.m. *Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m. Library Committee, 4.30 p.m.
12	Th	Athletics Committee, 4 p.m.
13	F	
14	S	
15	S	
16	M	Meeting of Professors of Economics, 2 p.m.
17	Tu	
18	W	Appointments Committee, 2 p.m.
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	Admissions Committee, 10 a.m.
25	W	Academic Board, 2 p.m. Graduate School Committee, 4.30 p.m.
26	Th	
27	F	
28	S	
29	S	
30	M	Committee on Undergraduate Studies, 4 p.m. Student Health Service Committee, 4.15 p.m.
31	Tu	

November 1972

1	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. Research Committee, 4.30 p.m.
2	Th	Accommodation Committee, 4 p.m.
3	F	Committee on the Welfare of Overseas Students, 2 p.m.
4	S	
5	S	
6	M	Building Committee, 5 p.m.
7	Tu	Standing Committee, 5.45 p.m.
8	W	Scholarships and Prizes Committee, 11 a.m. General Purposes Committee, 2 p.m. Library Committee, 4.30 p.m.
9	Th	
10	F	
11	S	
12	S	
13	M	Meeting of Professors of Economics, 2 p.m. Refectory Advisory Committee, 4 p.m.
14	Tu	
15	W	Conference Grants Sub-Committee, 12 noon. Graduate School Committee, 2 p.m.
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	
22	W	Appointments Committee, 2 p.m. Staff Research Fund Committee, 4.30 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	Admissions Committee, 10 a.m.
29	W	Academic Board, 2 p.m. Research Committee, 4.30 p.m.
30	Th	

December 1972

1	F	
2	S	
3	S	
4	M	Committee on Undergraduate Studies, 4 p.m. Building Committee, 5 p.m.
5	Tu	Standing Committee, 5.45 p.m.
6	W	*Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m.
7	Th	
8	F	
9	S	
10	S	
11	M	Meeting of Professors of Economics, 2 p.m.
12	Tu	**School Michaelmas Term ends.** Publications Committee, 11 a.m. Committee of Management of the Eileen Power Memorial Fund, 12 noon.
13	W	*University Michaelmas Term ends*
14	Th	Meeting of the Court of Governors, 5 p.m.
15	F	
16	S	
17	S	
18	M	
19	Tu	
20	W	
21	Th	
22	F	School buildings close for Christmas holiday, 9.30 p.m.
23	S	
24	S	
25	M	Christmas Day
26	Tu	Boxing Day
27	W	
28	Th	
29	F	
30	S	
31	S	

January 1973

1	M	School buildings re-open, 9.30 a.m.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	**School Lent Term begins**
9	Tu	Standing Committee, 5.45 p.m.
10	W	*University Lent Term begins.* General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
11	Th	
12	F	
13	S	
14	S	
15	M	Meeting of Professors of Economics, 2 p.m.
16	Tu	Admissions Committee, 10 a.m.
17	W	Standing Sub-Committee of the Appointments Committee, 2 p.m. *Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m. Library Committee, 4.30 p.m.
18	Th	Safety Committee, 4 p.m.
19	F	
20	S	
21	S	
22	M	Student Health Service Committee, 4.15 p.m.
23	Tu	
24	W	Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Research Committee, 4.30 p.m.
25	Th	Athletics Committee, 4 p.m.
26	F	
27	S	
28	S	
29	M	Committee on Undergraduate Studies, 4 p.m.
30	Tu	
31	W	Appointments Committee, 2 p.m.

February 1973

1	Th	Accommodation Committee, 4 p.m.
2	F	
3	S	
4	S	
5	M	Building Committee, 5 p.m.
6	Tu	Standing Committee, 5.45 p.m.
7	W	Scholarships and Prizes Committee, 11 a.m. Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
8	Th	
9	F	
10	S	
11	S	
12	M	Meeting of Professors of Economics, 2 p.m.
13	Tu	
14	W	Standing Sub-Committee of the Appointments Committee (all day)
15	Th	
16	F	Committee on the Welfare of Overseas Students, 2 p.m.
17	S	
18	S	
19	M	
20	Tu	Admissions Committee, 10 a.m. Publications Committee, 11 a.m. Investments Committee, 5 p.m.
21	W	General Purposes Committee, 2 p.m. Library Committee, 4.30 p.m.
22	Th	
23	F	
24	S	
25	S	
26	M	Refectory Advisory Committee, 4 p.m.
27	Tu	
28	W	Appointments Committee, 2 p.m.

March 1973

1	Th	
2	F	
3	S	
4	**S**	
5	M	Committee on Undergraduate Studies, 4 p.m. Building Committee, 5 p.m.
6	Tu	Standing Committee, 5.45 p.m.
7	W	Staff Research Fund Committee, 2 p.m. *Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m.
8	Th	Athletics Committee, 4 p.m.
9	F	
10	S	
11	**S**	
12	M	
13	Tu	Graduands' Reception, 6.30 p.m.
14	W	*Presentation Day*. Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Research Committee, 4.30 p.m.
15	Th	
16	F	**School Lent Term ends**
17	S	
18	**S**	
19	M	Meeting of Professors of Economics, 2 p.m.
20	Tu	
21	W	*University Lent Term ends*
22	Th	Meeting of the Court of Governors, 5 p.m.
23	F	
24	S	
25	**S**	
26	M	
27	Tu	Admissions Committee, 10 a.m.
28	W	
29	Th	
30	F	
31	S	

April 1973

1	**S**	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	**S**	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	**S**	
16	M	School buildings close for Easter holiday, 9.30 p.m.
17	Tu	
18	W	
19	Th	
20	F	Good Friday
21	S	
22	**S**	Easter Sunday
23	M	Easter Monday
24	Tu	School buildings re-open, 9.30 a.m.
25	W	*University Summer Term begins*. **School Summer Term begins.** Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
26	Th	
27	F	
28	S	
29	**S**	
30	M	Meeting of Professors of Economics, 2 p.m.

May 1973

1	Tu	Standing Committee, 5.45 p.m.
2	W	*Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m. Library Committee, 4.30 p.m.
3	Th	Accommodation Committee, 4 p.m. Safety Committee, 4 p.m.
4	F	Committee on the Welfare of Overseas Students, 2 p.m.
5	S	
6	S	
7	M	Committee on Undergraduate Studies, 4 p.m. Student Health Service Committee, 4.15 p.m. Building Committee, 5 p.m.
8	Tu	Graduands' Reception, 6.30 p.m.
9	W	*Presentation Day*. General Purposes Committee, 2 p.m. Research Committee, 4.30 p.m.
10	Th	
11	F	
12	S	
13	S	
14	M	Refectory Advisory Committee, 4 p.m.
15	Tu	Admissions Committee, 10 a.m.
16	W	Scholarships and Prizes Committee, 11 a.m. Appointments Committee, 2 p.m.
17	Th	Athletics Committee, 4 p.m.
18	F	
19	S	
20	S	
21	M	
22	Tu	
23	W	Academic Board, 2 p.m.
24	Th	
25	F	
26	S	
27	S	
28	M	Spring Bank Holiday
29	Tu	
30	W	*Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m. Library Committee, 4.30 p.m.
31	Th	

June 1973

1	F	
2	S	
3	S	
4	M	Building Committee, 5 p.m.
5	Tu	Publications Committee, 11 a.m. Standing Committee, 5.45 p.m.
6	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
7	Th	
8	F	
9	S	Open Day
10	S	Whit Sunday
11	M	Meeting of Professors of Economics, 2 p.m.
12	Tu	Investments Committee, 5 p.m.
13	W	Conference Grants Sub-Committee, 12 noon. General purposes Committee, 2 p.m. Research Committee, 4.30 p.m.
14	Th	Athletics Committee, 4 p.m.
15	F	
16	S	
17	S	
18	M	
19	Tu	
20	W	Appointments Committee, 2 p.m.
21	Th	
22	F	
23	S	
24	S	
25	M	
26	Tu	
27	W	Academic Board, 2 p.m. Graduate School Committee, 4.30 p.m.
28	Th	Meeting of the Court of Governors, 5 p.m.
29	F	**School Summer Term ends**
30	S	

July 1973

1	S	
2	M	Building Committee, 5 p.m.
3	Tu	Standing Committee, 5.45 p.m.
4	W	*University Summer Term ends*
5	Th	
6	F	
7	S	
8	S	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	
31	Tu	

The Court of Governors

Chairman:

The Right Hon. Lord Robbins, C.H., C.B., M.A., B.SC.ECON., D.SC.ECON., D.LITT., L.H.D., LL.D., DR.LAWS, DR.UNIV.YORK, DR.R.C.A., DR.CIENC., F.B.A.

Vice-Chairman:

[1]Morris Finer, Q.C., LL.B.

Secretary to the Court of Governors:

The Director: Sir Walter Adams, C.M.G., O.B.E., B.A., LL.D.

W. M. Allen, B.SC.ECON., M.A.
W. C. Anderson, C.B.E., LL.B.
C. H. Barclay, F.C.A.
Mrs. June Wedgwood Benn, M.A.
R. E. Bird, C.B.E., B.SC.ECON.
Baroness Birk, B.SC.ECON.
J. O. Blair-Cunynghame, O.B.E., LL.D., D.SC.
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[3]G. C. Brunton, B.SC.ECON.
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Sir John Burrows, M.A., LL.B.
Sir Sydney Caine, K.C.M.G., B.SC.ECON., LL.D.
Sir Alexander Cairncross, K.C.M.G., M.A., PH.D., LL.D., D.LITT., D.SC.ECON., F.B.A.
[3]W. H. B. Carey, B.SC.ECON., F.C.A.
The Hon. M. R. Bonham Carter, B.A.
Sir Paul Chambers, K.B.E., C.B., C.I.E., B.COM., M.SC.ECON., D.SC., LL.D., D.TECH.
Mrs. Susan Crosland, B.A.
[4]A. C. L. Day, B.A.
[4]B. Donoughue, M.A., D.PHIL.
Sir Eric Drake, C.B.E., M.A., F.C.A.
The Right Hon. The Earl of Drogheda, K.G., K.B.E.
Miss L. M. Dugdale, B.SC., F.I.S.
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Victor Feather, C.B.E., D.TECH.
The Right Hon. Lord Fletcher, B.A., LL.D., F.S.A.
M. Freedman, M.A., PH.D.
[1]R. J. M. Freeman, B.SC.ECON., F.C.I.S., J.P.
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Miss Mary Goldring, B.A.
Dame Mary Green, D.B.E., B.A.
J. M. Gullick, M.A.
[3]R. J. Hacon, B.SC.ECON.
The Right Hon. The Earl of Halsbury, B.SC., D.TECH., F.R.S.
Sir Frederic Harmer, C.M.G., M.A.
Mrs. E. M. Hattersley, B.A.
Sir John Hicks, M.A., D.SC.ECON., D.LITT., F.B.A.
R. T. Higgins, B.SC.SOC.

[1]Nominated by the Inner London Education Authority
[2]Nominated by the Senate of the University of London
[3]Nominated by the London School of Economics Society
[4]Nominated by the Academic Board

The Right Hon. Lord Hirshfield, F.C.A.
Sir Alan Hitchman, K.C.B., B.A.
H. V. Hodson, M.A.
Bernard Hollowood, M.SC.ECON., M.A., F.R.S.A.
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The Right Hon. Lord Molson, M.A.
J. A. L. Morgan, B.SC. ECON.
R. M. Morison, M.A., C.A.
L. Murray, O.B.E., B.A.
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[3]T. Ponsonby
Sir Richard Powell, G.C.B., K.B.E., C.M.G., B.A.
V. Raitz, B.SC.ECON.
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M. J. Babington Smith, C.B.E.
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The Hon. A. Maxwell Stamp, M.A.
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The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
The Librarian
} *ex officio*

Professor F. J. Fisher (Chairman)
Sir Frank Francis
Mr. J. A. L. Morgan
Mr. D. Tyerman
Dr. L. L. Ware
Miss M. F. Webb
Mr. M. D. Donelan
Dr. C. J. Erickson
Professor D. V. Glass
Mr. P. R. G. Layard
Professor I. M. Lewis
Dr. K. R. Sealy
Professor D. C. Watt
Mr. J. E. Hall Williams
} *nominated by the Academic Board*

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

STANDING COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
} *ex officio*

Mr. G. C. Brunton
Mr. R. J. M. Freeman
Mr. J. M. Gullick
The Rt. Hon. Lord Hirshfield
Mr. D. J. Kingsley
Sir Richard Powell
Mr. S. F. Wheatcroft
Professor A. C. L. Day
Dr. B. Donoughue
Dr. C. J. Erickson
Mr. K. Klappholz
Professor D. A. Martin
Professor R. M. Titmuss
Professor B. S. Yamey

Committees of the Academic Board

CAREERS ADVISORY SERVICE COMMITTEE

The Director
The Pro-Director
} *ex officio*

Mr. D. J. Sinclair (Chairman)

Committee Members

Sir Anthony Burney
Miss M. Goldring
Mr. S. F. Wheatcroft
Professor B. S. Yamey
} *nominated by the Standing Committee*

Mr. R. F. G. Alford
Mr. P. F. Dawson
Dr. M. Hill
Dr. B. S. Johnson
Dr. H. Makower
Baroness Seear
Mr. G. H. Stern
Mr. M. Zander

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

COMMITTEE ON ACCOMMODATION

The Director
The Pro-Director
The Vice-Chairman of the Academic Board (Professor F. J. Fisher)
} *ex officio*

Mr. G. R. Bretten
Professor J. Durbin
Mr. D. R. Diamond
Professor W. M. Gorman
Mr. E. A. Roberts
Mrs. E. P. Tate
Dr. J. C. Woodburn
Dr. V. Wright

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

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director
The Pro-Director
} *ex officio*

Dr. K. R. Sealy (Chairman)
Miss Z. T. Butrym
Mrs. B. A. Geber
Dr. P. Loizos
Four student members

COMMITTEE ON UNDERGRADUATE STUDIES

The Director
The Pro-Director
The Dean of Undergraduate Studies (Mr. K. R. Minogue) (Chairman)
} *ex officio*

Dr. M. E. F. Bloch

Committee Members

Mr. R. J. Bullen
Dr. G. F. D. Dawson
Dr. M. Hill
Mr. K. Klappholz
Mrs. J. A. Rees
Mr. S. A. Roberts
Mr. N. R. A. Sims
Dr. K. F. Wallis
Nine Student Members

GENERAL PURPOSES COMMITTEE

The Director
The Pro-Director
The Vice-Chairman of the Academic Board (Professor F. J. Fisher) } *ex officio*
Dr. K. Bourne
Professor W. R. Cornish
Mr. M. E. Falkus
Mr. G. A. Grün
Dr. G. W. Jones
Professor D. G. MacRae
Professor A. R. Prest
Mr. E. A. Roberts
Dr. O. M. Stone
Mr. P. G. Taylor
Professor J. W. N. Watkins

The Academic Board has offered students six places on the General Purposes Committee.

GRADUATE SCHOOL COMMITTEE

The Director
The Pro-Director
Professor M. J. Wise (Chairman) } *ex officio*
Professor B. Abel-Smith
Professor Sir Roy Allen
Professor P. T. Bauer
Professor H. C. Edey
Professor F. J. Fisher
Professor G. L. Goodwin
Professor J. B. Joll
Professor I. Lakatos
Dr. A. N. Oppenheim
Dr. J. D. Y. Peel
Professor J. Pitt-Rivers
Professor B. C. Roberts
Dr. K. R. Sealy

Committee Members

Professor P. J. O. Self
Mr. J. E. Hall Williams
Professor B. S. Yamey

PUBLICATIONS COMMITTEE

The Director
The Pro-Director } *ex officio*
The Librarian
Professor M. W. Cranston (Chairman)
Mr. R. J. Bullen
Mr. J. B. Gillingham
Dr. D. F. Hendry
Dr. B. V. Hindley
Professor E. Kedourie
Professor D. A. Martin
Mr. K. R. Minogue

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)
Professor S. F. C. Milsom (Chairman)
Dr. R. R. Orr (Vice-Chairman)
Mr. R. J. Bullen
Mrs. S. F. D. Dev
Mr. R. A. Jackman
Dr. J. B. Thornes
Mr. J. E. Hall Williams

STUDENT RESIDENCE COMMITTEE

The Director
The Pro-Director
The Warden of Passfield Hall (Dr. G. F. D. Dawson) } *ex officio*
The Warden of Carr-Saunders Hall (Dr. E. A. Kuska)
Mr. J. M. Jacob
Mr. D. K. C. Jones
Mrs. H. A. Rose
Mr. K. E. Thurley (*nominated by the Building Committee*)

The Academic Board has offered students six places on the Student Residence Committee, namely the Welfare Vice-President of the Students' Union and the Chairman of the Students' Housing Committee *ex officio* plus four elected student members.

Appointments Committee and its Committees

APPOINTMENTS COMMITTEE

The Appointments Committee consists of the Director, the Pro-Director, all professors, any other conveners of departments and other "heads of departments" if any.

RESEARCH COMMITTEE

The Director
The Pro-Director
The Librarian
} *ex officio*
Professor A. S. Douglas
Professor W. M. Gorman
Professor J. B. Joll
Dr. I. H. Nish
Professor B. C. Roberts
Professor K. W. Wedderburn
Mr. L. A. Wolf-Phillips

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director
The Pro-Director
The Vice-Chairman of the Appointments Committee
} *ex officio*
Professor E. A. Gellner
Professor H. T. Himmelweit
Professor J. B. Joll
Professor J. A. G. Griffith
Professor E. Kedourie
Professor F. S. Northedge
Professor A. A. Walters
Professor B. S. Yamey

Committees Advisory to the Director

ACADEMIC POLICY COMMITTEE

The Director
The Pro-Director
The Chairman of the Graduate School Committee (Professor M. J. Wise)
The Dean of Undergraduate Studies (Mr. K. R. Minogue)
The Librarian
The Vice-Chairman of the Academic Board (Professor F. J. Fisher)
} *ex officio*
Mr. A. J. Beattie
Dr. K. Bourne
Dr. Lucy M. Brown
Dr. D. M. Downes
Professor J. Durbin
Mr. E. A. French

Mr. H. Glennerster
Mr. W. H. N. Hotopf
Mr. I. G. F. Karsten
Mr. K. Klappholz
Dr. L. H. Leigh
Professor D. G. MacRae
Dr. H. S. Morris
Professor F. S. Northedge
Professor B. C. Roberts
Professor J. D. Sargan
Professor P. J. O. Self
Mr. D. J. Sinclair
Mr. A. W. G. Stewart
Dr. H. Tint
Dr. K. F. Wallis
Professor J. W. N. Watkins
Dr. C. R. Wymer

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director
The Pro-Director
Dr. R. C. Estall (Chairman)
Mr. A. J. Beattie (Deputy Chairman)
Mr. R. F. G. Alford
Mr. M. H. Banks
Dr. K. Bourne
Dr. N. Denison
Mr. M. E. Falkus
Mr. G. A. Grün
Mr. A. D. Jones
Mr. K. Klappholz
Professor I. M. Lewis
Mr. K. R. Minogue
Professor A. C. Offord
Mr. J. Potter
Mr. P. G. Taylor
Mr. J. J. Thomas
Mr. E. Thorp
Dr. D. G. Valentine
Dr. K. F. Wallis
Professor K. W. Wedderburn
Mr. G. L. Williams

Committee Members

ATHLETICS COMMITTEE

Dr. R. C. Estall (Chairman) } *appointed by the Court of Governors*
Mr. M. E. Falkus (Vice-Chairman) }
Dr. B. Donoughue } *nominated by the Academic Board*
Mr. J. B. Gillingham }
Mr. K. R. Minogue (*representing the Senior Common Room*)
Two representatives of the L.S.E. Society
The President of the Athletic Union

Four members, one of whom must be a woman, nominated from time to time by the Executive Committee of the Athletic Union
The Pro-Director

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
Mr. R. Chapman (Chairman)
Mrs. M. G. W. Hardiman
Dr. W. Letwin
Dr. I. H. Nish
Mr. J. Potter
Mrs. K. F. Russell
Mr. J. J. Thomas
The Welfare Vice-President of the Students' Union
The Chairman of the Union's Committee on Overseas Students' Welfare
Two other members of that Committee

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

REFECTORY ADVISORY COMMITTEE

The Director
The Pro-Director
Mr. J. R. Gould (Chairman) *appointed by the Court of Governors*
Two representatives of the Senior Common Room
Two representatives of the Administrative Staff Common Room of whom one must be a member of the Library Staff
Five student members (including the Senior Treasurer of the Students Union)'

Administrative Staff

Director
Sir Walter Adams, C.M.G., O.B.E., B.A., LL.D.
(Private Secretary: Gwendoline M. Bingham)

Academic Secretary
J. Alcock, B.A.
(Private Secretary: Frances Tomkins)

Financial Secretary
J. Pike, C.B.E., M.A.
(Private Secretary: Denise J. Prosser)

Deputy Academic Secretary and Registrar
G. Ashley, B.A.

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

Bursar
L. V. McNaught-Davis

Susan Applestone, B.A.: *Administrative Officer* (*Appointments*)
B. D. Barnard, B.A.: *Assistant to the Secretaries*
Ilse T. Boas, B.SC.ECON.: *Assistant Registrar* (*Timetabling*)
Anne M. Bohm, PH.D.: *Secretary of the Graduate School*
C. J. T. Braybrook: *Assistant Bursar*
Pamela Carden, M.A.: *Assistant to the Secretaries*
Doreen S. Castle: *General Secretary to the Population Investigation Committee*
Shirley A. Chapman: *Information Assistant*
E. W. H. Clark, A.C.A.: *Assistant Accountant*
P. D. C. Davis, B.A.: *Publications Officer*
S. Joy Gowlett, B.A.: *Administrative Assistant* (*Graduate School*)
W. Harrison, A.C.I.S.: *Assistant Accountant*
Ambrosine B. Hurt: *Secretary to the Library Appeal*
Joyce M. Metcalfe, B.A.: *Assistant Accountant* (*Superannuation*)
G. T. Mitchell: *Assistant Bursar*
Evelyn M. Myatt-Price, M.A.: *Senior Assistant Registrar*
Rosemary Nixon, B.A.: *Assistant Registrar* (*Undergraduate Admissions*)
P. J. Pasmore, A.A.C.C.A.: *Assistant Accountant*
Jennifer A. Pinney: *Research Secretary* (*Higher Education Research Unit*)
B. D. Roberts, B.A.: *Assistant to the Secretaries*
R. M. Shutz, LL.B., BARRISTER AT LAW: *Deputy Secretary to the Library Appeal*
B. J. Silk: *Administrative Officer*

Caroline I. Vining, B.A., BARRISTER AT LAW: *Personnel Officer*
Dorothy Williams, M.A.: *Administrative Secretary (Economics Department)*
G. J. Wilson, A.R.I.C.S.: *Building Surveyor*

Principal Clerks and Chief Clerks

Joan M. Alstin: *Timetabling Office*
Aina E. I. Anderson: *Secretary to Economica*
Elizabeth C. R. Arrol, B.A.: *Secretarial Induction Unit*
Patricia L. Barham: *Accounts Department*
Dorothy E. Bell: *Personnel Department*
Elsie A. Betts: *Academic Secretary's Department*
Diana C. Beydoun: *Industrial Relations Department*
Jetta L. Bruce: *Law Department*
Jean M. Carr: *Columbia Broadcasting System Project*
Patricia A. Carman: *Personnel Department*
Dora W. Cleather: *Accounts Department*
Molly St. C. Coales: *Accounts Department*
Valerie D. Cooper: *Accounts Department (Superannuation)*
I. Elsie Cooper-Hannan, B.A.: *Correspondence Department*
Patricia A. Cunningham, B.A.: *Examinations Office (Registry)*
Jean M. R. Curry: *Accounts Department*
Winifred M. Davis, B.SC.ECON.: *Examinations Assistant, Registry*
Anne D. Dix: *Sociology Department*
Jennifer Foode: *Personnel Department*
Janet A. Fox: *Geography Department*
J. T. Godlonton: *Supplies Assistant*
Ruth H. Griffiths: *Social Science Department*
Carolyn S. M. Hargraves: *International History Department*
Dianne Harris: *Accounts Department*
Patricia S. Harrod: *Registry*
Kathleen D. Hill: *Social Science Department*
Anne Isted: *Accounts Department*
Elisabeth Johnson: *Language Studies Department*
Margaret Y. M. Jones: *Sociology Department*
Betty A. Jory: *Higher Education Research Unit*
Myra S. Kaffel: *Academic Secretary's Department*
Barbara M. Lenny: *Graduate Admissions Office*
Joan H. Lynas: *Economic History Department*
Gillian A. McClare, B.A.: *Pro-Director's Secretary*
Mary L. McCormick, B.A.: *Philosophy Department*
Marjorie Mimms: *Filing Department*
Maureen J. Mulvany: *Social Science Department*
Christina Newman: *Graduate School Office*
Barbara E. Powrie, B.SC.SOC.: *Bursar's Department*
Morag W. Rennie: *Social Psychology Department*
Gladys A. Rice: *Anthropology Department*
Joan C. Rowat: *Registry*
Flora D. Sands: *Accounting Department*

Elizabeth A. Schnadhorst, A.R.C.M.: *Government Department*
Anita C. Scholz: *Careers Advisory Service Office*
Ella Stacey, B.A.: *International Relations Department*
Ann Trowles: *Sociology Department*
Marian Vaughan: *Statistics Department*
Mary B. Whitty: *Undergraduate Admissions Office*

Geography Department

Eunice Wilson: *Chief Technician*
N. L. Cadge, B.A., A.L.A.: *Map Librarian*
B. M. Lessware: *Senior Technician*
Jeannemarie Stanton: *Senior Technician*

Psychology Department

K. M. Holdsworth, A.I.S.T.: *Chief Technician*

Student Health Service

J. A. Payne, M.B., B.S., D.(OBST.), R.C.O.G. (LONDON): *Senior Health Service Officer and Psychiatric Adviser*
(———): *Health Service Officer* (Physician)
Camilla Bosanquet, M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P. (LONDON), D.C.H. (ENG.), D.P.M.: *Psychiatric Adviser* (Part-time)
Agnes H. Wilkinson, M.B., CH.B. (BIRMINGHAM), M.R.C.P. (LONDON): *Psychiatric Adviser* (Part-time)
Valerie Little, B.SC.PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P. (LONDON): *Special Adviser to Women Students* (Part-time)
(———): *Ophthalmic Surgeon* (Part-time)
P. Ayling, B.D.S. (EDINBURGH): *Dental Surgeon*
J. Skuse, F.D.S., R.C.P.S. (GLASGOW), B.D.S. (LONDON), L.D.S., R.C.S. (ENG.), F.D.S.: *Dental Surgeon*
Jennifer M. E. Saville-Sneath, S.R.N.: *School Nurse*

Maintenance and Catering Staff

D. G. Morris: *Catering Manager*
Eileen P. Campbell: *Assistant Catering Manager*
E. Brown: *House Manager*
W. C. Frisby: *Chief Electrician*
F. C. Jones: *Assistant Surveyor*
L. F. Kearey: *Head Porter*
Elizabeth M. S. Dunwoody, M.I.M.A.: *Housekeeper*
F. Moll: *Technical Equipment Assistant*

Carr-Saunders Hall

E. A. Kuska, B.A., PH.D.: *Warden*
E. Jacqueline Wiltshear, M.H.C.I.M.A.: *Resident Bursar*
C. P. Cook, B.A.: *Sub-Warden*

Passfield Hall

G. F. D. Dawson, M.A., PH.D.: *Warden*
Ursula A. Thomas, B.SC., F.I.M.A.: *Bursar and Assistant Warden*
M. N. Howard, B.A.: *Sub-Warden*

Computer Services

Manager of the Computer Unit
P. J. Wakeford, B.SC.ECON.

Susan Jones, B.A.: *Senior Programmer*
Carol R. Hewlett: *Senior Programmer*
P. R. Chastney, B.SC.ECON.: *Programmer*
Hazel O'Hare, B.SC.ECON.: *Programmer*
T. S. McDermott, B.SC.: *Programmer*

British Library of Political and Economic Science

Librarian
D. A. Clarke, M.A.

Deputy Librarian
C. P. Corney, B.LITT., M.A.

Sub-Librarians
C. G. Allen, M.A.: *Superintendent of Readers' Services*
Martha E. Dawson, M.A.: *Chief Cataloguer*
Maria Nowicki, LL.M.: *Acquisitions Officer*

Senior Assistant Librarians and Assistant Librarians
B. G. Awty, B.A.: *Acquisitions*
E. C. Blake, B.A.: *Head of Official Publications Section*
Margaret N. Blount, B.A.: *Cataloguing*
D. A. Bovey, B.SC.ECON.: *Readers' Services*
Julia V. Garlant, M.A.: *Latin American Collections*
Jane T. Henderson, B.A.: *Acquisitions*
W. Hughes, B.A.: *Cataloguing*
B. R. Hunter, B.A.: *Slavonic Collections*
Christine G. James, M.A.: *Acquisitions*
M. Rosamond Kerr, B.A.: *Official Publications*
C. R. Leggott, B.A., M.A.: *Cataloguing*
K. O. Parsons, M.A.: *Law*
Susan Reed, A.M.: *Readers' Services*
R. O. A. Robson, B.A.: *Cataloguing*
Patricia A. Tankard, B.A.: *Official Publications*

Principal Library Assistants
F. W. Blackburn: *Binding*
Nora C. F. Blacklock: *Superintendent of the Teaching Library*
E. W. P. Rhoades: *Administration*
Joan M. Warren: *Periodicals*

Senior Library Assistants
Veronica J. Benjamin: *Teaching Library*
Diana M. Boreham: *Cataloguing*
Marjorie M. Burge, B.A.: *Official Publications*
Frances Dunsmore: *Cataloguing (Part Time)*
D. MacDonald: *Inter-Library Loans*
Deirdre McKellar: *Shaw Library*
Hilary L. Rubinstein, B.A.: *Cataloguing*
R. Trussell, B.A.: *Cataloguing*
Rosemary White: *Periodicals*

Chief Clerks
J. Ann Davidge: *Librarian's Secretary*
Hilary Johnston: *Supervisor of Processing Services*

Honorary Consultant on the History of Book Production
Marjorie Plant, D.SC.ECON.

History of the School

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

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

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

Numbers soon rose; and in 1902 the School moved into its first purpose-built accommodation. The site was provided in Clare Market by the London County Council; the money for building was donated by Mr. Passmore Edwards and others. By 1913 the building was seriously overcrowded; and the School's subsequent history is a saga of rising numbers, constantly diversifying academic interests and too little space. In 1921 the School was recognised by the University Faculty of Laws; in 1922 by the Faculty of Arts; in 1963 by the Faculty of Science. Research and teaching have expanded from small beginnings into the complex range of disciplines set forth later in this Calendar. In 1921 the journal *Economica* was founded;

in 1934 *Politica*, which ceased publication during the war. The Library has also grown, until it is now, within its chosen fields, probably the finest collection in the world. And the School buildings, though they have not expanded in step with the needs implied by this growth have been added to and adapted so as to provide space for snack-bars and dining-rooms, homes for statistical machines, meeting-rooms for student gatherings, and modest facilities for physical recreation, in addition to more accommodation for conventional academic needs. In January 1970 the St. Clements Extension and the Clare Market Building were opened: the School's first purpose-built accommodation for forty years. Its users benefit from improved standards and communications, but little has been gained in terms of actual space as these buildings replace others previously used by the School.

However, 1970 also brought the prospect of the largest building expansion at any one time since the School was founded, with the possibility of a sixty per cent increase in accommodation. The School entered into a contract to purchase Strand House, a five-storey building with some 158,000 square feet of floor space, on an adjacent site in Portugal Street. Subject to planning permission it is intended to adapt the building to rehouse the British Library of Political and Economic Science by 1975-76 in a way which will enable scholars, both from the School and beyond, to have full access to the Library's two million items. The accommodation then released in the main building will become available for other purposes including the improvement of general amenities for students.

Substantial financial assistance has been promised by the University Grants Committee for this Library project. Meanwhile the School is required to raise two and a half million pounds from other sources and is actively preparing a public appeal, which will be launched towards the end of 1972.

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 1970-71

Strand House

In the last three annual reports I have had to refer obliquely to the great enterprise which, if completed, will shape the development of the School for the next half century. In 1968 I wrote 'Only the radical solution of rehousing the Library on an alternative site will solve its problems satisfactorily. Continuous efforts throughout the session were maintained in pursuit of this radical solution, but a final conclusion cannot yet be reported, and may yet elude us'. In 1969, 'If the Library could be rehoused in a neighbouring building, there would be a dramatic relief for all School activities and a radical improvement in the accessibility of the Library's unique resources'. In 1970, 'One basic assumption of our plans for 1972–77 is that during that period the Library must be rehoused'.

During these anxious years it would have been imprudent to identify the 'neighbouring building'. It can now be named; it is Strand House, the headquarters of W. H. Smith and Son Ltd., the book, magazine and newspaper distributors. On 18 November 1970 the School entered into a contract to purchase the freehold site and building for £3,780,000 at a date to be determined at the convenience of the present owners between December 1973 and March 1975.

Strand House, in Portugal Street, is immediately adjacent to the present complex of School buildings in Houghton Street and Clare Market, its site boundary marching with the north-east side of St. Clements Building. It was constructed in 1913, with a basement and six storeys, each on an open-plan system round a central well, and with a heavy load-bearing structure throughout to take the dead-weight of stored books and papers. With only minor structural changes it can house the whole of the School's library stock and activities on an open-access system and with a single control-entrance, and provide seats for over 1,700 readers. It will make possible the worthy and efficient housing of our priceless Library for the first time in its history, and will provide opportunities for the modernisation of its services and for its progressive growth as a national and international workshop of the social sciences.

The School is indebted to many persons for this dramatic possibility of increasing by over fifty per cent (158,000 square feet of usable space) its accommodation in its existing location in central London. Not least is its gratitude owed to the generous patience of W. H. Smith and Son Ltd., throughout the long years of negotiation before the School was in a position to sign a firm contract. Its greatest debt is to the Court of the University of London which, with the approval of the University Grants Committee, has undertaken both to meet the cost of the building, £1·98 million, provided that the School can raise sufficient funds to finance the cost of the site, and also to act as guarantor for the purchase.

The Appeal

By signing the contract for the acquisition of Strand House the School has committed itself to the mighty task of raising the sum of £2½ million for the purchase of the site and towards the cost of the conversion of the building for Library use. It has set up an appeal organization of which the chairman is Lord Robbins, who with characteristic generosity has devoted almost his full time to its leadership and development since his retirement early in 1971 from the chairmanship of *The Financial Times*. Professor H. C. Edey, after completing three years' service as the first Pro-Director of the School and deservedly expecting to return to full-time academic duties, has selflessly accepted the responsibilities of Co-ordinator of the Appeal.

The appeal organization has devoted its initial activities to planning the strategy and tactics, to preparing basic documentation, to enlisting the services of Governors, members of the academic staff and others for special tasks, to laying the foundations of co-operating groups in North America and elsewhere overseas, and to identifying the various categories of potential donors. The present plans of the appeal organization are to concentrate in the first stage on private approaches to persons and organizations who might give substantial benefactions, before moving later to progressively more public appeals to other groups, including former students of the School.

Quinquennial planning

The generous offer of the University Grants Committee and of the Court of the University of London to assist the School in acquiring Strand House was a decisive contribution to the clarification of our capital budgetary situation and needs. It leaves the School with the colossal task of raising £2½ million in the next two years to complete its side of the bargain, and in our planning for the decade of the 1970s we must assume that the Appeal will succeed. The alternative would involve not only the loss of a unique and unrepeatable opportunity, but a major change in the School's functions and future.

It is clear that in capital planning the Strand House project has an absolute priority and the School must postpone other proposals for site acquisition or large-scale capital expenditure, such as, for example, on the replacement or renovation of the group of inefficient buildings it possesses on the 'island site'. Its capital plans, other than for Strand House, must therefore be limited to relatively minor tasks such as the adaptation to meet student welfare and other needs of the premises which will be vacated when the Library moves, the improvement of computer and equipment resources, and the progressive development of student residential accommodation.

During the past year the School's planning for the quinquennium 1972–77 has been concerned with the recurrent expenditure aspects and the co-ordination of its plans with those of the other schools of the University through the much improved procedures which are being developed by the Collegiate and Academic Councils and the Court. The University Grants Committee has greatly assisted the process by agreeing that estimates of student numbers should not be confined to full-time students, but should be expressed as 'full-time equivalents', thus taking into account the teaching costs and other expenditure involved in providing for part-time students, who have always been important in the School's activities.

The School's proposals for 1972–77 remain in the form summarised in my report

for last year. There is need to make good some of the deficiencies caused by under-financing in the present quinquennium, in such spheres as staff-student ratios, staff promotions and Library acquisitions and services. It is planned to keep the number of full-time students to its present total of 3,000, but to alter the composition from the present 41 per cent to 50 per cent graduate, and to move towards doubling the present number of 400 part-time graduates. The plans propose no major academic innovation, but increased emphasis on inter-disciplinary studies and improvements in the financing of research.

The University Grants Committee and members of its Social Studies Sub-Committee visited the School on 26 May and devoted the day to wide-ranging and informal discussions with representatives of all members of the School: academic and administrative staff, students and Governors. The visit provided a welcome opportunity for discussing the School's present development and its plans for the future. The development statement for the next quinquennium has now been officially submitted to the Court of the University for presentation to the University Grants Committee.

We now await the announcement early in the next calendar year of the block recurrent grant to the School for the 'provisional year' 1972–73, the first year of the next quinquennium. It will not be possible to inform the universities of their full quinquennial grants until much later when the final settlement with the Government is made. We await with anxious hope signs of some improvement in the procedures for the more speedy adjustment of block grants to the rising costs of services and goods in a period of rapid inflation. The tardiness and non-retrospective character of this supplementation have seriously inhibited orderly budgeting by institutions whose expenditure is inescapably committed to so high a proportion of salaries and wages and whose free reserves are small, continuously eroded and almost incapable of being restored. The University Grants Committee and the Treasury have in recent years done much to narrow this gap in university financing, but further relief is needed. The universities have no right to claim exemption from the effects of inflation, but they have few means of increasing their income and extremely little room for manoeuvre in quickly changing their patterns of expenditure and therefore need a more quickly adjusted protection.

Student numbers

The target numbers for the School indicated by the University Court for the last year of this quinquennium, 1971–72, were 1,725 full-time undergraduates and 1,231 full-time postgraduates. The analysis of student numbers shows that totals declined in the first three years of the quinquennium, but increased in the fourth year, 1970-71. This was in part deliberate policy in order to avoid the extreme congestion of 1966-67 and to adjust to the temporary shortage of accommodation in the mid-years of the quinquennium, when the new buildings, St. Clements and Clare Market, were not available. The increase in 1970–71 indicates that it will not be difficult to meet our quinquennial targets in 1971–72 and that it will be possible to do so without material change in admissions policy. The crude totals for this quinquennium also show that the School's chosen policy for the next quinquennium of moving to a 50 per cent postgraduate component is realistic in terms of the supply of students.

The figures themselves, and still more our direct experience of the real situations to which they refer do, however, raise important questions which it is not possible even to list, still less to discuss in a brief report like this. It must suffice to mention three points, merely as examples of issues of current concern to the School and particularly its Graduate School.

Firstly, the figures show a continuing and accelerating growth in the proportion of postgraduates registering for the taught Master's degree. Clearly this degree, instituted about seven years ago, is meeting a felt need and has justified itself. Its popularity, however, does not prove that it has yet found its best educational form or that we are justified in investing so high a proportion of our teaching effort in it. The experience we have so far gained should make possible a review in depth of its educational purpose and function, of the multiplicity of specialised options available within it, of the efficiency of the various examining and assessment methods used, and of similar issues. Conversely, there is need for a look at the functions and forms of the research degrees, the M.Phil. and Ph.D., now available. It is possible that such reviews of the taught Master's and research degrees will establish that they are not in need of change and are economically interrelated, but we should assure ourselves and our students that this is so before we progress too far into the next quinquennium with the intended modest increase in the numbers of full-time and part-time postgraduates.

Secondly, it is already evident that there is insufficient co-ordination between the supply of well-qualified applicants for higher degrees and the resources for their financial support to enable them to take up places offered. A growing number of home-based candidates whom the Graduate School is eager to admit is unable to join because they cannot obtain a grant from one or other of the Research Councils, the Department of Education or other sources, and, because of personal circumstances, cannot accept part-time registration. This contrasts with the situation in the undergraduate school, where applications from qualified candidates represent effective supply, since accepted candidates are entitled to a maintenance award from a local education authority. Selection is therefore on academic and aptitude grounds, rather than on a financial means test. It is desirable that selection for the limited number of places in the Graduate School should be on academic merit and not on the inappropriate grounds of wealth or nationality. The competition for places from overseas students is increasing and we would not wish artificially to restrict their number, since the School's services to overseas students have been one of its great glories. A situation, however, is emerging in which home-based candidates of equal or even superior merit cannot take up places for lack of means of support. The problem is one which needs urgent consideration by the universities and by Government. An increase or a concentration of Research Council awards may be needed or the institution of a partial-loan support scheme. These and other devices require discussion before the adoption of such unhappy methods as the introduction of a *numerus clausus* on a basis of nationality or the reduction of total numbers on the basis of short-term manpower estimates at the price of the loss of the seed corn of future scholarship.

Thirdly, the actual and intended growth of the Graduate School adds urgency to the need for assistance in finding residential accommodation for postgraduate students. The School has made important contributions through the provision of its own graduate flats and through co-operation in the AFSIL Housing Association;

but the need grows greater as the general problem of residential accommodation for all types of student in London becomes yearly more critical.

Teaching and research activities

At the end of the session Dr. P. S. Cohen completed his four years' service as Dean of Undergraduate Studies and was succeeded in that post by Mr. K. R. Minogue. Dr. Cohen was the first holder of this office, which was created experimentally in 1967. His distinguished services as Dean have more than fulfilled the expectations of those who proposed the experiment. Under his guidance the Committee on Undergraduate Studies and the related departmental committees have proved to be among the most fruitful developments in staff-student co-operation; they have initiated many changes in substance and in attitudes in curriculum planning, teaching and assessment techniques and other aspects of the School's academic activities. The School is deeply indebted and grateful to him.

The Academic Policy Committee, to whose formation I referred in last year's report, contributed valuably to the initial formulation of the quinquennial plan and has since devoted most of its efforts to a revision of the B.Sc. (Econ.) degree. It had been evident for some years that the pressures for specialisation were rapidly increasing. These arose from a variety of sources including the increase of teaching in the social sciences in sixth forms, the growth of teachable knowledge claiming a place in the undergraduate curriculum, the developing emphasis on quantitative methods in many of the social sciences, the subject enthusiasms of the teaching staff and the educational and vocational needs of students. These pressures could have led to the unplanned development within the School of a series of separate specialised or two-subject degrees and to the erosion of the coherence which the B.Sc. (Econ.) had previously given to undergraduate studies at the School. At a period of great fluidity in the traditional boundaries of 'subjects' and of much fission and coalescence in the social sciences, the School might have forfeited some of the unique advantages it enjoys as a 'single-faculty' institution, not overly committed to departmentalism, with a strong tradition of interdisciplinary studies and the unifying influences of a single Senior Common Room and a centralised Library, had it allowed, without assessing the implications, the unco-ordinated dispersal of its teaching resources at first-degree level.

Under the guidance of the Pro-Director, Professor John, the Academic Policy Committee, in continuous consultation with departments and the Academic Board, has produced proposals for a revision of the B.Sc. (Econ.). It is intended that it should be a 'college-based' degree, that is, not subject to the constraints imposed by the needs of other schools of the University or of external students. It will retain the structure of a one-year Part I, with the examinable subjects reduced from the present five to four, and a two-year Part II, with the possibility of examination in a limited number of subjects at the end of the second year instead of all at the end of the third year. The traditional core subjects of Economics, Government and History will cease to be compulsory, but by compulsory requirements of selection in Part I from certain groups of subjects all students will be exposed to some experience of both literacy and numeracy. Some other rigidities in the present structure will be removed, allowing the student to choose within the three years a high degree of specialisation or, under guidance, a considerable spread over a wide range of subjects.

The proposed revision of this central degree in the School is compatible with the continuation of the existing special degrees or the emergence of others, but is intended to provide a flexible framework within which a great variety of the needs of students and of departments can be met. There is still much debate within the School both on the technical details of the proposals and of the principles of educational philosophy implied in them. Sufficient agreement, however, has emerged to make it probable that, subject to University consent, the revised degree will be introduced at the beginning of the 1972–73 session.

The teaching activities of the School are not of course limited to the formal instruction provided for degrees and diplomas. Throughout every session there are numerous other lectures and discussions ranging from the Oration, given this year by Sir Arthur Lewis on 'Socialism and Economic Growth', and the Public Lectures arranged by the University or the School, to the numerous talks by guests and visitors organized by departments and by student societies. During July the School in association with the National Institute of Social Work Training arranged a fortnight's course for twenty of the local Directors of Social Services, recently appointed under the scheme for integrating and regionalising the social services following the implementation of the recommendations of the Seebohm Report.

Publications are also an act of teaching by universities. The list of publications by members of the staff is only one part of the story of this activity. A variety of learned journals in the social sciences is published by or from the School; the oldest established of these, *Economica*, reached its fiftieth year of continuous publication with its issue in February 1971. In addition to the continuing series published from the School, such as the *L.S.E. Monographs on Social Anthropology* and the *Occasional Papers on Social Administration*, the activities of the Publications Committee have been particularly fruitful in this session with the issue of six books, five of which were in the Research Monographs Series.

The books and articles published by members of the School provide only an indication – and in any case a tardy one – of the variety of the continuing research activity at the School. Much of the research and formative work pursued in the Graduate School will not emerge in printed form for some years, nor indeed that of the members of the academic staff, of the many visiting scholars who are guests of the School and of the numerous users of the Library. The influence of this intellectual activity flows immediately into teaching, both in formal ways through seminars, classes and lectures, and in informal channels through discussion within the School as a community of shared interests, not least through the Senior Common Room. The modern university knows that its responsibilities for the advancement and dissemination of knowledge are interdependent parts of a single process, not separate activities. For administrative convenience and sometimes for budgetary reasons, 'research' may be organized in units, such as our Higher Education Research Unit, the Medical Research Council Unit, the Population Investigation Committee or the Greater London Group, but the accumulating experience of the Research Committee suggests that organizational separateness even of a temporary character may tend to create a dichotomy which has academic and professional disadvantages. The most recent unit, created at the beginning of this session, the Centre for Urban Economics, has been placed within the academic Department of Economics, and has both teaching and research interests.

The accommodation crisis in the School within its existing premises has gravely

restricted the growth of research activity and has compelled us on occasion to refuse potential grants since there is no space in which to house the work or the auxiliary staff. The problem is aggravated by the policy decision of the Research Councils and of many of the private foundations and trusts to refuse to contribute full overheads, particularly for rental costs, in research grants. The concept of 'dual support' for research in universities, by grants both from the University Grants Committee and from the Research Councils and other sources, is admirable, but may be frustrated if neither party is willing to contribute adequately towards the cost of space. The School in its quinquennial submission to the University Grants Committee has entered a strong plea for assistance for the accommodation of research.

Buildings and accommodation

In preparation for the loss, in the Lent term, of the premises which the School had been renting in 5–6 Clements Inn, a short lease was taken of part of Faraday House. This was adapted into office accommodation with its own entrance from Old Gloucester Street and into these were moved the Higher Education Research Unit, the Institute of Manpower Studies and the Population Investigation Committee. The Survey Research Centre was moved to offices in Wardour Street. A further re-allocation of accommodation in the School's premises will be necessary in the coming session when the space rented in 3–4 Clements Inn has to be vacated.

The existing two halls of residence, Passfield and Carr-Saunders, continued to make their contribution to the residential needs of students with their provision of 158 and 148 places. The newly acquired block of 41 flats in Fitzroy Street provided accommodation for a further 91 students and had an extremely successful first year of operation. Detailed planning continued for the new hall of residence in Rosebery Avenue, building for which must start in March 1972 to fulfil the conditions set by the anonymous benefactor. Even when this is completed, providing an additional 179 places, the School's students will still face a serious problem in finding accommodation in the University's halls of residence and in private flats and lodgings the availability of which rapidly decreases while their costs and distance from the School increase. Even without an increase in the School's student numbers, our residential accommodation problem remains grave, aggravated by our inability at present to provide better refectory services, common rooms and study space in the main premises.

Now that the School occupies almost all the buildings fronting on both sides of Houghton Street and Clare Market, it has renewed its plea for the closing of Houghton Street to through vehicular traffic, basing its case on amenity grounds as well as on traffic dangers, and requesting that the street area be converted into a pedestrian precinct. The case was assisted by a student demonstration in the street in November and the press publicity which this attracted.

Governance and administration

No structural changes were made during the session in the scheme of government of the School, but within the unwritten constitution normal processes led to significant changes in its actual working. As an example, of the seven Academic Governors

on the Court nominated by the Academic Board, three are now from the non-professorial staff. Continuing efforts were made throughout the year to improve the flow of information about the School to its own members and to past students by, for example, the development of the monthly circular edited by the Information Assistant and by the compilation of the register of former students by the Alumnus Secretary; as a minor but symbolically significant step the agenda and minutes (with the exception of strictly confidential items) of almost all committees are now available to all members of staff in the Information Assistant's office. It is disappointing to have to report that the Students' Union has still not accepted the invitation to participation on committees of the Court and Academic Board.

The session saw the retirement of three members of the administrative staff who have given exceptionally long service to the School and whose presence will be sadly missed. Mr. S. A. Godfrey, a graduate of the School, joined the staff in 1934, served in many capacities particularly during the war when the School was evacuated to Cambridge, and in recent years in the Bursar's department was concerned with office accommodation and the servicing of the Research Committee. Mrs. Marion Horn joined the staff in 1948, for many years among many other roles serviced the Appointments Committee and, recently on a part-time basis, was secretary of the Centre for International Studies and of the London-Cornell Project. Mr. W. S. Collings came to the School from Senate House in 1951 as Registrar. From 1957, as Deputy Secretary and Bursar, among many other invaluable services he guided and managed the great expansion of the School's buildings and academic and residential accommodation that has occurred over the past decade. The School is deeply grateful to these three members and wishes them happiness in their retirement.

Colleagues

Staff changes include the retirement of two colleagues on the academic staff who have given very long and distinguished service to the School: Mr. W. Pickles, who joined the School's staff in 1930, and Mrs. Kay F. McDougall, a former student of the School, who joined the staff in 1946.

Among the honours conferred on colleagues, special mention must be made of the election of Professor D. V. Glass to the Fellowship of the Royal Society; he was already a Fellow of the British Academy and this quite exceptional distinction of election to both these learned societies is a tribute to his personal standing as a scholar and a recognition of the importance of demography as a field of study, to the creation of which he has made such a decisive contribution.

In a sadly long list of deaths of former members of the School: Governors, staff, students and porters, reference must be made to the death of Sir Otto Niemeyer, who was Chairman of the Court of Governors for sixteen years; to the death of Sir Theodore Gregory, who joined the School in 1910 as a student, was a member of its academic staff for twenty-four years and retained his active interest in the School throughout his retirement; and to the death of William Wall, a porter at the School for forty-six years. The death of Miss Eve V. Evans closes a chapter of half a century of devoted service to the School, unique in its character and creative importance. As Registrar and as Secretary she established a quality of personal concern and intimacy combined with superb efficiency in the School's administration which all of us who worked with her or have followed her are determined shall never be

betrayed; she set a standard of selfless devotion to the best interests of the School and of all its individual members which we cannot hope to reach, but are under duty to her to strive to do so.

WALTER ADAMS
September 1971

Academic Awards

Scholarships and Studentships Awarded in 1971

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Scholarships for Mathematicians
Karen Margolis

Leverhulme Adult Scholarship
Not Awarded

UNDERGRADUATE AWARDS

Chartered Institute of Secretaries and Administrators Scholarship
Jonathan George Haslam

Lilian Knowles Memorial Scholarship
Not awarded

Harold Laski Scholarship
Craig Robert Pickering

C. S. Mactaggart Scholarship
Cheng Tiong Pui

Undergraduate Scholarships
John Read Hilton (Honorary)
Ronald Michael Kirby
Mohamad Ariff bin Mohamad Yusof

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

S. H. Bailey Scholarship in International Studies
Nicholas James Hutton

Scholarship in International Law
Barry Eugene Cohen

GRADUATE AWARDS

Acworth Scholarship
Not awarded

Montague Burton Studentships in International Relations
James Stuart Finan
Mark Thomas Oberg-Browne
Michael Albert Colpoys Wood

Graduate Studentships
Daniel Grose
William Garry Wayne MacPherson
Christoforos Antoniou Pissarides

Graduate Studentships in Economics
John Brooks
Stephen Jarratt Davies
William Robert Harrison
Anthony Frank Shorrocks
Jerzy Szroeter

Graduate Studentships in International Studies
Antoni Leszek Chawluk
John Peter Chiddick
George Ellsworth Davis
David Robert Shermer
Hana Skalova

Rees Jeffreys Studentship in Transport
Douglas Sydney Koszerek

Leverhulme Graduate Entrance Studentships for Overseas Students
Vivien Mellon Collins
Quentin Timothy Johnson

Leverhulme Research Studentships
Harold Irvin Dutton
Shelley Ray Meyers

Leverhulme Research Studentship for Overseas Students
Robert Emmett Bergh

Jackson Lewis Scholarship
Not awarded

Studentship in the Economics, Economic Geography or Economic History of Latin America
Not awarded

Eileen Power Studentship
Not awarded

Rosebery Studentship
Douglas Allen Hart

(b) Awarded by the University

Gerstenberg Studentship
Ali Akbar Zaker-Shahrak

Loch Exhibitions
Kathryn Lynne Beynon
Rosemary Jane Stockman

Metcalfe Scholarships for Women
Anne Margaret Kemp
Ann Marie Tighe

Metcalfe Studentship
Alice Frances Crampin

Sir Edward Stern Scholarships
Michael Andrew Marshall

University Postgraduate Studentships
John Anthony Calow
Amiya Kumar Chakravarty
Peter Robert Fallon
John David Hirst
Mohsin Said Khan
Richard Leslie Rieser
Eric John Westaway

Finals Studentships
Claude Hicks Augustus Denbow
Anup Raichand Shah
Ali Akbar Zaker-Shahrak

Prizes Awarded in 1971

(a) Awarded by the School

Arthur Andersen Prize in Accounting
Julian David Wolf

Bassett Memorial Prizes
Sally Irene Sokoloff
William Whiteman

Janet Beveridge Award
Margaret Sheila Hyde

Ely Devons Prizes
Antonia Espasa
Stephen Francis Dowson Powell
} Jointly

Director's Essay Prize
Margaret Ivy Bowen

Farr Medal and Prize
Ali Akbar Zaker-Shahrak

Firth Award
Jonathan Sayles Neale

Gladstone Memorial Prize
John Marcus Givens Kirkaldy

Gonner Prize
John Brooks

Gourgey Essay Prize
Thomas James Higgins

Hobhouse Memorial Prize
Timothy Peter Geoffrey Dyson

Hughes Parry Prize
Chin Tet Yung

Mostyn Lloyd Memorial Prize
John Stephen Ferris

Jessy Mair Cup for Music
Paul Anthony Danaher
Paul Corfield Godfrey
} Jointly

George and Hilda Ormsby Prizes
Brian Anthony Anderton
Gillian Hardwick
Michael Stephen Rigby
} Jointly

Premchand Prize
Richard Evans

Raynes Undergraduate Prize
Brian Anthony Anderton
Ali Akbar Zaker-Shahrak
} Jointly

Rosebery Essay Prize
John Read Hilton

School Prizes
Moira Chrisp
Sandra Cooper
David Emmanuel De Meza
Fatemeh Shadman-Valavi
} Jointly
David Emmanuel De Meza
Seyd Mohammad Hossein Fatemieh
Pamela Ann Ferguson
Faith Melanie Hiscock
} Jointly
Jane Fleming
David Michael Godfrey
John Read Hilton
Mohamad Ariff bin Mohamad
Karen Lorna Trusselle

Allyn Young Prize
Fereydoon Ahrabi

(b) Awarded by Outside Bodies

Free Press Prize in Sociology
Hamish Brockett Watson

First Degrees Awarded 1971

B.Sc. (Economics) Final Examination

Honours

FIRST CLASS

Brian Anthony Anderton
Laurence David Booth
John Brooks
Robin William Harrison
Peter Murrell
Anup Raichand Karamshi Shah
Sally Irene Sokoloff
Michael Wilner
Ali Akbar Zaker-Shahrak

SECOND CLASS

Upper Division

Derek Allcock
Moslem Amirgholy
John Barker
Raymond John Barrell
Anthony Bendell
Heather Booth
Nicholas William Wallace Boyce
Peter Brind
Elizabeth Jane Bristow
Kazimierz Brunicki
Joanna Barbara Buckle
Andrew Marcus Coleman
Edward William Collins
Warren Arnold Cotton
Paula Rosalind Craig
Rodney Bruce Cross
Peter Trevor Davies
Stanley Dickinson
Stephen Dixon
James Albert Double
Paul Hugh Dudley
Robert Wyn Evans
David Anthony Evennett
Maurice Edwin Fletcher
Gino Franco
Donald John Fraser
Laird Frederick Garrard
Isobel Caroline Mary Godlove
Neil John Griffiths
Robert Haigh
William Robert Harrison
Michael Haynes
Cornelius Thomas Henderson
Paul Hershman
James Stuart Hibberd
Alun George Hicks
Peter James Holmes
John Alan Holt
Patricia Hudson
Tazdin Habib Jamal
Brendan Kitchen
Edwin Ing-Ting Ko
Anna Maria Lambrini Lentakis
David Zvi Lopian
John Joseph Michael McDonagh
Raymond Harold McGrath
William John Greer Macrory
Mohamed Munir Bin Abdul Majid
Keith Robert May
Kirtikumar Bhanushanker Jatashanker Mehta
Jan Petter Nore
Peter Richard O'Hanlon
Eric Ollerenshaw
Craig Robert Pickering
Margaret Anne Pitchford
Peter John Pottier
Nadeem Qasir
Peter Brian Ratcliffe
Christine Helen Rawlings
Valerie Margaret Rogers
Peter John Romilly
Geoffrey Stephen Rowe
James Frederick Salter
Øyvind Sandbukt
Anthony Saunders
Sheila Jane Slack
Peter John Smith
Margaret Teresa Southwell
David Richard Stead
Diane Westley
Andrew Francis Williams
Walter Roy Stuart Williams
James Anthony Wilson
Julian David Wolf

SECOND CLASS

Lower Division

Ian Barry Abrams
Linda Helen Aviram
Nigel John Baker
Anthony Philip Bamber
Keith Francis Arnold Beal
Stanton Roy Bennett
Robert Joseph Berry
Sumaet Phunyaradhabhandu Bhakdi
Raymond William Bignell
Zbigniew Marek Stanislaw Blonski
Ian Charles Blore
Christopher John Manning Brady
Helen Margaret Burroughs
Christabel Vera Burton
Adnan Bucak
Christopher John Buck
Anne Patricia Burdsey
Richard George Butcher
David Richard Butler
Paul David Cahill
Ian Howard Camlett
Simon Cannell
Tomáš Cernikovský
David John Champness
Adrian Phillip Spencer Cloke
Stephen William Culliford
Martin Cumella
Robert Stephen Deacon
Terence Patrick Dicks
Peter John Dixon
Paraskevi Athina Douzinas
Anthony Charles Dowson
Lynda Margaret Dunwell
Peter James Dupont
Robert George Elkins
Robert Ellis
Jean-Louis Edward Evans
Marilyn Maud Evenson
Eliot Hugh Feingold
John Ferrari
Charilaos Georgiadis
Ian Christopher Gibbard
Stephen Frederick Gibbs
Janice Madeline Gilbert
Rosemary Anne Gilks
Kenneth Harry Gornall
Brian Edward Freeman Granger
Douglas William Gunstone
Judith Maureen Gyte
Evangelou Antonios Hadjichristodoulou
David John Hallam
Colin Francis Hargrave
Susan Anne Constance Harris
Anthony Frederick Harrison
Ian Murison Fraser Harrison
Michael Kenneth Harrison
Peter Richard Harte
Rasiklal Maganlal Hathi
Michael Leslie Hawker
Winston Arthur Heard-White
Kathryn Anne Holden
Jeanne Nicole Rose-Marie Honoré
Robert John Hopkins
Michael John Howard
George Henry John Isted
John Henry David Jascoll
St. George Adewole Joiner
John Howard Maldwyn Jones
Godfrey Kalinga
Patrick Charles Kearney
Peter John Kendall
Nitin Gajananrao Khot
Peter Jeremy King
Janet Margaret Knight
Angela Christine Knowles
Thursby Giles Lang
Lee Hock Chye
David Anthony Leonard
Eva Birgitta Ljunggren
Loh Chee Yuen
Jean Margaret Lowe
Graham Stuart Lucking
Douglas McCarthy
Neil McClelland
Nicholas Martyn Raymond McGill
Christopher Robson Mackenzie
Shaun Michael Maguire
Manmohan Krishan Mahajan
Stanley Tai Cheong Mak
Norman Kenneth Marsh
Andrew John Martin
Kenneth Roy Mears
Rudolph Assiz Joaquim Mendonca

Robert Michael Gideon Miller
John Julian Millward
David Cyril Morgan
Leslie Ann Morphy
Roger Philip Mountford
Harold Mozley
John Patrick Mulligan
James Edward Mutton
Charles Ernest Newbold
Anthony Basset Newman
David Newman
Stephen Martin O'Donnell
Richard Anthony Simon Osband
Lois Anne Rebecca Patterson
Geoffrey Edward Phillips
Michael Ashley Posner
Michael John Prime
Alan Prince
Thomas Eric Procter
Anthony Leonard Pruim
Gemunu Sadhatissa Ranasinghe
Syed Ali Raza
Geoffrey Colin Richey
Edward Michael Rooney
Robert Krishna Roopnaraine
Keith Paul Rose
Kevin Anthony Ross
Satvinder Singh Roy
Stuart Alexander Sanderson
Syed Asif Shah
George James Short
John Simpkins
David William Simpson
Jorge Guillermo Estanislao Sol
William Kenneth Stevenson
Richard Colin Stowell
Sampajana Suebsaeng
Gigloo Tahil
Richard Orpe Taylor
Mrinalini Teelock
Bryn Thomas
Peter Murray Thomson
Trevor Kenneth George Treharne
Giles Adrian Grice Tucker
Dilbir Singh Vahali
David Wallace
Clive Walley
Kevin Bartholomew Anthony Walshe
Raymond William Warburton
Andrew Michael Watson
Keith Stuart Andrew Westley
George Peter Whiting
Vivien Ruth Williams
Wong Yew Meng
Michael William Young
Susan Hilary Zlosnik
Norman Zysblat

THIRD CLASS
Norman Robert Adams
David Wallis Atkinson
Paul Bailey
Wacharee Bhodivihaga
David James Bush
Margaret Jane Chambers
Samir Chatterjee
Chiew Poh Ling
John Redit Collins
Susan Jane Cullinane
Paul Anthony Danaher
Alexander Duffy
Peter Frank Kenneth Feldon
William Francis Fisher
Marshall Anthony Barry Friedner
Richard David Lloyd Gardner
Malcolm Stanley Grubb
Pamela Ann Hepburn
Andrew Beauchamp Victor Patrick Hickley
Adrian Paul Hinton
Maynard Walter Hutchings
Graeme Charles Imray
Michalakis Jacouou Joannides
Alan Kilkenny
Karen Lily King
Michael Charles Laverick
Mohib Badrudin Alibhai Madhany
Peter Charles Meadows
Peter Anthony Miller
Michael Robinson Moliver
Teresa Maria Myskow
Peter Dan Neidle
John Stewart Nisbet
Yvonne Valerie Palmer
Gerard Peeke
Israel Zvi Richman

Brian Albert Roberts
Tavorn Tantiponganant
Keith Frederick Taylor
Matthew Roderick Van Leuven
Lynn Diana Walters
Jeremy Weil
Stefan Weisz
Cledwyn Gareth John Williams

Pass
Ahmad Reza Ahmad-Sartip
Alison Monica Anatol
Alan Christopher Bazlinton
Stephen Berent
Robert Adrian Burns
Keith Dudley Clark
Adrian Crosbie-Jones
Yusuf Hilmi Isik
Michael Haffner Knagenhjelm
Anthony Peter Linton
Bin Mansoor Malek
Barry Anthony Mason
Dixon Robson
Nigel Yates

Aegrotat
1970
Timothy Anthony Corcoran
Richard David Hampshire

1971
Angela Gail Lewis
Robert Allan Willis

B.Sc. (Sociology) Final Examination

Honours

Branch I

SECOND CLASS
Upper Division
Monika Gabriele Herta Beutel
Rafael Anthony Bloomberg
Katrina Anne Lewis
Pauline Isobel Marks
Janine Mary Norman
Robert Martin Parks

SECOND CLASS
Lower Division
Mary Eleanor Buckle
Graham Leslie Hardy
Rita Louise Palmer

THIRD CLASS
Sally Edgecombe
Farida Lalani
Michael O'Connell

Pass
Richard Jocelyn Bowler
Roger Donald Garratt

Aegrotat
1971
Craig Russell Littler

Branch II
FIRST CLASS
Timothy Peter Geoffrey Dyson

SECOND CLASS
Upper Division
Susan Joan Mongar

SECOND CLASS
Lower Division
Alison Barbara Lankester

THIRD CLASS
Anne Paul

Pass
Maliha Mustafa Najjar

Branch III
SECOND CLASS
Upper Division
Richard Andrew Balfe
Alice Bartlett
Roger Phillip Elbourne
Margaret Sheila Hyde
Diana Ruth Kupfer
Sheila Margaret Sayers

SECOND CLASS
Lower Division
Michael Ngwa Asamba Azefor
Josephine Barry
Marion Sharon Davies
Mary Davies
Lorna Rose Hamilton
Andrzej Antoni Huczynski
Jill Murray Little
Brian Reginald Morris
Josephine Anita Plant
Barry John Welch
William Winward

Pass
Keith Malcolm Butler
Angela Dorothy Greatley

B.A. Honours in Sociology

Branch I

SECOND CLASS
Upper Division
Joyce Duffy
Jane Teresa Mary Scott Patterson
Hamish Brockett Watson

SECOND CLASS
Lower Division
Hazel Eileen Johnson
Ruth Melanie Tucker
Alison Margaret Waghorne

Branch II

SECOND CLASS
Upper Division
Christopher Bainbridge
Shalva Jessica Dimson

B.A. Honours in History

SECOND CLASS
Upper Division
David Bowen Kenvyn
Tomas Michael Munch-Petersen
Geoffrey Truscott Prout

SECOND CLASS
Lower Division
Adrian Vincent James Day
William James Girdwood
Gregory Rudolf Hetherton
Rosemary Elizabeth Lucas
Christopher Robert Sale

THIRD CLASS
Christopher Patrick Wesolowski

Aegrotat
1971
Miriam Manda Wollner

B.A. Honours in Philosophy and Economics

SECOND CLASS
Lower Division
Tomas Kulka
Margaret Anne Simpson

THIRD CLASS
Stephen Maxwell DuBois

LL.B. Final Examination

Honours
FIRST CLASS
Claude Hicks Augustus Denbow
Naomi Ann Wayne

SECOND CLASS
Upper Division
Graham Leonard Bash
Geoffrey John England
Catherine Margaret Hawdon
Raqiya Humeidan
Nigel Anthony Moss
Peter Joseph Nathan
Douglas John Ponting
Roberto Alexandre Vieira Ribeiro
Carol Christine Bernice Sales
Avrom Hirsh Sherr
Roger Tan Kim Hock
Gavin MacArthur Young

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Michael John Booth
Glenn Clifford Brasse
Richard George Brown
Ian Trevelyan Cooper
Clive Lyndon Farndon
David Thomas Fish
Robert Michael Forrester
Philip Hanby
Michael Hamilton Jacob
Barry Leonard James
Laurence Adrian Jervis
Robert William Leopold Kleiner
Gerald Lumley
Maureen Laura Mitchell
Brian Morron
Marie Adelaide Grizella Powell
Andrew James Simpson Riddell
John Gareth Roscoe
Lionel Theodore Rosenblatt
Angela Mary Shean
David Patrick Sherwood
Alan Edward Short
Keith John Michael Smith
David John Stevens
Stephanie Anne Widdop
William Guy Martin Wood
Michael John Yates

THIRD CLASS
Geoffrey Woodhouse Daughtrey
Geoffrey Ian Greenhouse
Penelope Gay Hugh-Smith
James William Ruzamba Katalikawe
David Nathaniel King
Rex Macey
Penelope Irene Perrin
Michael Kenneth Smith

Pass
Robert Andrew MacDonald Watson

Aegrotat
1970
Lucille Dorothy Platt

B.A. Honours in French and Linguistics

FIRST CLASS
Brenda Joan Dalby
Jennifer Lilian Russell

SECOND CLASS
Upper Division
Christine Anne Allen
Joan Paula Shackleton

SECOND CLASS
Lower Division
Geoffrey David Morris
Raymond Clifford Watson

THIRD CLASS
Clive David Colman
Jill Annette French
Gisela Adelheid Haywood
Nicola Sue Elizabeth Wilson
Robert Wood

Pass
Julie Glenys Slade

B.Sc. in Mathematics 1970

Honours
FIRST CLASS
Roland John Beckett
John Richard Catlow
Paul Dennis Vishnick

SECOND CLASS
Upper Division
David Landon
Phillip Rice

SECOND CLASS
Lower Division
Philip Charles Alexander Duffus
Linda Mary Mitchinson
Brian Derek Rothfeder

Pass
Brian George David Bostock

B.Sc. in Mathematics 1971

Honours

FIRST CLASS
James Rendall Toller
Ahnont Wongseelashote

SECOND CLASS
Upper Division
Ling Ming Kee

SECOND CLASS
Lower Division
Mark Kenneth Mitchell
David Charles Rumble

THIRD CLASS
Robert Ernest McMahon

Pass
Helen Aronis

Aegrotat
Raymond Stanley Lewis

B.Sc. Main Field Geography

Honours

SECOND CLASS
Upper Division
Irene Joyce Eltringham
Allan Denis Fear
Antony Fussey
Gillian Hardwick
Michael Charles McGovern
Norman Thomas Noall
Michael Stephen Rigby
Michael John Waylen
Irena Zaremba

SECOND CLASS
Lower Division
Stephen David Bailes
John Dellam Blackburn
Christopher Douglas Chapman
David John Dash
John Robert Edgar
Anthony David King
Gordon James Roscoe
Rosamund Margaret Tyrrell
Malcolm Vince

*Mark of Distinction awarded

B.Sc. Main Field Social Anthropology

Honours

SECOND CLASS
Upper Division
Ivor Vernon Mayne

SECOND CLASS
Lower Division
John David Burkinshaw
Penrose Vetter Cowan
Lawrence David Goldman

THIRD CLASS
Jonathan Bernard Geidt

Higher Degrees Awarded 1970-71

M.Sc. 1970–71

Marcelo de Paiva Abreu
Margot Cameron Adams-Webber
Neville Kim Adderley
John Aderanti Adepoju
Veena Agarwal
Henry Akuoko-Frimpong
Ian Robert Aldous
Nesta Florence Allan
Banu Alpsan
James Edward Alt
Robert Holland Anthony
Anne Nelson Apgar
Nava Berman-Zinger Arad
Mohammed Arif
*Harvey William Armstrong
*Howard Glen Arnett
Ronald Ivan Ayres
*Melissa Grace Bailey
Florence Belinda Bailie
Michael John Ball
Michael Hopwood Banks
*Christopher John Barker
Charles Alexander Barrett
Alastair John Barrie

Stephen Joseph Baumgartner
Patricia Anne Beezer
Diane Kitty Bendon
David Andrew Benson
Isabelle Berkson
Timothy Michael Berridge
Robert Henry Berry
Puran Bery
Geraldine Mary Blight
*Wolfgang Andreas Bock
Anthony David Bolden
Clifford George Bond
Mary Colette Bowe
Mark Robert Bowman
Malcolm Stuart Bradbury
Clive Brain
Anne Alice Bretherton
Theodore Richard Breton
Roger Briottet
Carolyn Jane Britton
*Erica Brostoff
Winthrop Noyes Brown
John David Byers
*Christine Mary Calder
Patricia Jean Callear
Christine Callum
Ian Wallis Campbell
Christopher Ian Caple
*Derrick Ralph Carter
John Richard Catlow
*Michael Chaffin
Christopher William Chamberlain
Rajendra Chandisingh
Patricia Anne Chartres
Kevin Anthony Chidgey
Constantine Christides
David Bernard Citron
Peter James Clark
Brian Clover
David Theodore Coe
Howard Alan Cohen
Ronald Benjamin Compton
Michael Barry Connock
Glafkos Constantinides
Eleanor Moyra Crichton
Alun John Davies
Dilys Rees Davies
Malcolm John Davies
Joycelin Frances Elizabeth Dawes
Jeremy Anthony Deane
Martin John Dedman
Raymond Dennis
Anastasios Diavolitsis
Patricia Mary Dinneen
Clarissa Oury Dorner
Patrick Henry Dougherty
John Michael Drew
Robert Michael Drislane
Leonidas Drollas
Anne Barbara Christine Dubsky
William McKernan Duncan
Mary Dysch
Robert Howard Edwards
David John Elliot
James Elliott
Louis Erlichman
*Antonio Espasa
Theophilus Oyeyemi Fadayomi
Richard Marc Farmer
John Fawthrop
Alexander James Field
Carlos Eduardo de Senna Figueiredo
Merton Dale Finkler
*Sally Fletcher
Thomas George Forrest
Andrew Joel Francis
*Haworth Martin Harrop Frické
Stuart Alan Friedman
Josephine Heather Gabe
Firooz Gahvary
Mohed Elawad Galal El Din
Maria Carmen Gallastegui de Galarraga
Antonio Garcia-Arana
Salvador Gustavo Garcilita-Castillo
Ian Richard Courtney Gardiner
*Robert John Garrood
Paul Gaskin
John Robin Gaster
Jonathan Cook Gaunt
Max Gertel
Mohammad Reza Ghasimi

*Mark of Distinction awarded

Norman Charles William Gibbs
Christopher Leslie Gilbert
Leonard Gill
*Stephen Edwin Gill
Angela Mary Glasner
Thuan-Jig Goh
Ronnie Lee Goldberg
John Edwin Gower
Fanny Greber
Colin Charles Greenfield
John Raymond Grinyer
Peter Verity Gundy
Christopher William Halliburton
James Ernest Harlick
David Charles Harper
Giles Vernon Clement Harrison
Patricia Irene Juliet Harvey
Julia Christine Hauxwell
Isabel Margaret Mayzat Havemann
Gillian Sybil Haylor
Peter Henriksen
Henry Peter Hill
Maxwell Bruce Hirshorn
Catherine Sylvia Ann Hodges
Marion Rose Holley
Sydney Frank Holman
Noreen Hoy
Simon Donnell Hughes
Andrew Jonathan Hughes Hallett
Michael Tracy Hull
Antony Hurst
Dougal Arthur Hutchison
*Mary Lois Hutchison
Christopher James Lascelles Hutton Squire
Alan Ingham
Danuta Jachniak
Anthea Sheena Jack
Susan Effa Jay
Mavis Mary Jenkins
Sthaporn Jinachitra
*Ian Michael Johnson
Gillian Jones
Pauline Ann Jones
Richard Ellis Jones
Robert Arthur Jones
James Laurence Kaplan
Sonia Ruth Kruks
Peter Louis Kuit
Michael Lang
Colin William Lawson
Andrew Henry Lee
Genevieve Rita Tressibelle Leitan
Tristram Stephen Lett
Richard Wayne Lewis
Kwok Chak Li
Michael Robin Norman Liffman
Stuart Luker
Edward Henry Lurkings
Denis Gerald McEnhill
*William Wadsworth McGinty
John Alan McLees
David Hilton Maister
*Iain Munro Manson
Angelo Marin
David Irving Marks
Fatima Fareeda Maroof
Arthur Richard Charles Marquiss
Lynn Martinson
John Edward Adrian Masterson
Marc Adam Miles
Panayotis Miliotis
Christopher Lloyd Miller
Geoffrey Stephen Million
Mohamed Fazi Mohideen
Jorgio Mario Montaño-Martinez
Robert Dudley Montgomery
Herbert Frederick Moorhouse
*Maureen Elizabeth Moors
Donald Mather Morrison
Gordon Earl Moskal
Richard Alex Mowbray
Richard Peter Muller
Michael Robert Stephan Murphy
Syed Mahdi Mustafa
Yavuz Pars Mutlu
John Francis Natoli
Christopher Ronald Neal
Valerie Irene Nelson
John Richard Nightingale
Alan James Nisbett
Peter Jack Nowell

*Mark of Distinction awarded

Rahman Nozehoor-Farshi
Sydney Colin Neill
Nuraney Diamondali Hasham Lalji
Mark Thomas Oberg-Browne
Odinkemere Kemdielem Oji
John Donald Smith Olleson
*Richard Charles Owen
Luis Santiago Pacheco
Angela Christine Panks
Michael Henry Peacock
John Warren Pearson
Susan Elizabeth Pegden
Arthur John Perman
Francesca Peroni
Charles Michael Perrottet
Jennifer Seth Phillips
Mary Elizabeth Pike
Lawrence John Pitkethly
Donald Stephen Poskitt
*Stephen Francis Dowson Powell
Ludwik Krysztof Pszenicki
Christopher Valentine Pullé
Peter Young Rapelye
Terence Charles Rawlings
Marion Redelaar
*Frank Joseph Reid
Phillip Rice
Allan James Ring
Jens Risvand
Susan Irene Ritter
Richard Lewis Roberts
Christopher Michael Geoffrey Franklyn Robinson
Patrick William Robinson
Elizabeth Anne Rodgers
Susan Violet Rogaly
Hilary Margaret Roscoe
Aubrey Eric Rosen
Donald Campbell Ross
Georg Rump
Frederic David Rounthwaite
Philip Augustine Ryan
Mark Howard Salmon
Juan Francisco Santacoloma Sanz
*Yvonne Ann Salter
Ivan Ronald Schaffer
Laurel Ann Sefton
Mustafa Umut Senesen
Sukumar Sengupta
Müzeyyen Sevinç
Anne Sheila Sheddick
Sue Sherif
David Howard Simpson
Claudette Yvonne Fay Smith
Oddvar Solberg
David Michael Solomon
Peter Damian Spencer
*Anthony John Spicer
Peter George Steinlauf
Victor Clifford Stephens
Ada Mary Sturgeon
Hazel Mary Sumner
Roger Neville Swaris
*Ta Huu Phuong
Shirin Tahmasseb-Virani
Giuseppe Tattara
Karl Lucien Jerome Theodore
Roger Bertram Tilford
*Nigel Tomes
John Coupé Townend
Mark Ernest Trayhorn
Mervyn Stuart Trenaman
Charles Francis Turner
John Robert Tysall
Benjamin Edward Udomah
Peter Paul Viola
Joseph Peter Ward-Bailey
Eimi Watanabe
*Peter Lawrence Watson
Peter John Watts
John Thomas Weston
*Marvin Philip Wexler
*Janet Lilian Wiener
Ian Vaughan Williams
Douglas Wynn
Ömer Yazicioglu
*Abimbola Sylvester Justinian Horatio Young

M.A. 1970–71

*Robert Emmett Bergh
John Waldie Lownsborough

*Mark of Distinction awarded

Ann Malligan Morrison
Gwenda Mary Moseley
Philip Ross Lyle Somerville

M.Sc. (Economics) 1971
(Old Regulations) (External)

Eric Sydney Tartakover

M.Phil. 1970–71

Roger James Clough
Felicity Elizabeth Edholm
Gordon Ignatius Heald
Christopher David Lee
Edward William Lewis
Daniel Olden
Howard Sallis
Francis Clare Selgin
Kumar Indra Vijay
Ann McGregor Wilson

LL.M. 1970

Ahmed Abdulai
Thomas Milton Ammons
Timothy Adebayo Adediran Ayorinde
John Sutherland Barlow
John Robert Boxma
Michael Greenhalgh Bridge
Brian David Bruce
John Darryl Carter
Michael Donald Daniels
Sylvia Elaine Denman
Benton Robert Fonner
Ross Duncan Alisdair Fraser
Nigel Edward Furey
David Gerard Goldberg
Dan Hassoun
John Earl Klinck
Franklin Pierce Lamb
*Robert Charles MacKeigan
Chander Mohan Nayar
Thompson Joseph Omomigbo Okpoko
Leonard Harvey Polsky
Robert Henry Rosenfield
*Jennifer Temkin
Dennis Rowland Gwynne Thomas
Mart Vehik
Joanne Barbara Veit
Meike Angelika Wagenfeld
Franklin Forrest Wallis
Peter Cardon Wallis

Ph.D. 1970–71

John Gordon Underwood Adams
Ezekiel Adebisi Ajayi
Robin Keith Alderman (External)
Peter James Beck
Peter Benenson
Raymond Baguloh Bening
William Koller Berkson
Alexander Nicholas John Blain
John Enloe Broyles
Roger Burt
Kenneth John Calder
Michael Charles Carr
Santikumar Chakrabarti
Peter Stuart Child
Samuel Asamoah Darko (External)
Richard Louis de Lavigne
Emmanuel George Drettakis
Yair Evron
Aneesa Farooqui
David Ellis Fuleihan
Robert Anthony Garson
Alan Graham Gilbert
Peter Gordon
Yuri Filip Rangimarie Grbich
Reuben Green
Roger Denham Hadley
Derek Haslam
Joseph Heller
Michael Henry Hoyle (External)
Ronald William Ianni
Catherine Joy Jones
Jan Henryk Kalicki
Denise Kandiyoti
Miles Hartley Kennedy
Mohsen Abdel Khalik

*Mark of Distinction awarded

Abdullah Ahmed Khatri (External)
Roy David King
Allan Michael Lavell
Lee Kok Huat
Sheila Thompson Lewenhak
James Alexander MacKenzie
David Harry Metcalf
Martin Anderson Nettleship
Derek John Oddy
Cornelius Ogunsanwo
Ralph Harold Pettman
Stuart Bowman Philpott
Peter Richards
Lawrence Richard Rigaux
Maurice Crawford Roche
Somasundaram Setvanayagam (External)
Ian Alexander Charles Sinclair
Michael John Smith
Keith Leonard Soothill
Judith Lorna Stoikov
Jane Synge
Susan Louise Tegel
Nils Morten Udgaard
John David Vincent-Smith
Joanne Nadine Wawrykow

Diploma (Awarded by the University of London) 1971

Diploma in Anthropology

Robert Jack Cheshire
Olav Bakken Jensen
Susanna Ranken McKnight
Barbara Meyer
Ahmet Ersan Yücel

Diplomas (Awarded by the School) 1971

Diploma in Statistics

David William Champion
Aliihsan Dalgic
Lucy Margaret Teresa De Jong
Abdullahi El Sherief El Goul
Guiseppe Mazzarino
Arom Sangpetsong
Maher Taha Taka
Richard Donovan Wiggins

Diploma in Development Administration

PASS
Bin Haji Omar Ahmad
Hussain Abdul Aziz
Marina Menezes de Oliveira Carvalho
Nazem Ahmad Choudhury
Roberto de Ocampo
Hindenburge Teixeira Dobal
Malcolm Edlin Rhodius Giles
John David Gilliam
Leslie Arnold Johnson
Nengah Kembar
Rahatullah Khan
Pyari Mohan Mohapatra
Joseph Babatayo Ojo
Farid Rahman
Wickrama Ran Bamda Rajakaruna
Hans Jurgen Schwass
Bin Syed Yahya Syed Abdullah
Carlos Velez
Thomas Vengayil

Diploma in Social Administration for Graduates

DISTINCTION
Anthony John Stuart Bennett
Christopher Richard Blackwell
Barbara Lucy Phillips

PASS
Carolyn Joan Macdonald Agnew
Audrey Leah Allen
Jennifer Ashton
Sheila Mary Borwick
John Morice Keith Bridgman
Maxine Gilian Budd
Gillian Sandra Cashdan
Barbara Edith Chamberlayne
Judith Patricia Cobain
Lynda Josie Cornelius
Moira Angela Cullum

Gillian Edwina Curwain
Jane Christine Davies
Penelope Davies
Stella Daphne Davies
Patricia Mary Devlin
Gillian Margaret Diamond
Richard William Francis Elliott
Mary Margaret Freeman
Kathleen Mary Gilbert
Susannah Michal Ginsberg
Jocelyn Mary Goulder
Carolyn Enid Griffiths
Mary Christine Haire
John Kevin Hancock
Olivia Mary Harvard-Watts
Anthony James Graham Heath
Jane Hill
Joanna Hodgkin
Margaret Elaine Hurst
Gaynor Jones
Michael John Jones
John Philip McMenamin
Anthony Peirse Mapplebeck
Patricia Metham
Peter Mervyn Moore
Peter Falcon Morris
Dorothy Arkell Nott
Catherina Anna Pharoah
Mark Herbert Phillips
Rina Picciotto
Janet Elisita Powell
Charlotte Anne Rawcliffe
Philip George Rescorla
Pamela Frances Rickard
Shaun Michael Robinson
Gillian Ann Southworth
Gillian Tucker
Rhys Howel Vaughan
Albert William Watson
Margaret West
Sian Rhys Williams

Diploma in Social Administration for Non-Graduates

DISTINCTION
John Stephen Ferris

PASS
Constance Olwen Barwood
Christina Birch
Gordon Brown
Vivienne Jennifer Churcher
Jean Violet Burton Denholm Corke
Kathleen Maria Dunne
Paulinus Healy
Elizabeth Suzanne Hewetson
Sylvia Margaret Houghton
Robin David Hughes
Leonard Anthony Peter Hunt
Lorna Lee Hyman
Elisabeth Helen Kendall
Michael William Langley-Smith
Judith Ethel Lester
Keith Ronald Marshall
David Gregory Moore
Simon Victor Hamilton Pike
Rosalind Reece
Natalie Rein
Ann Richardson
Dudley Alexander Temple Savill
Barbara Elizabeth Smith
Eileen Christian Usher
Catherine Mary Weller
Felicity Whittaker
Michael Dennis Williams
Trevor John Williams
Graham Charles Willis

Diploma in Social Administration for Graduates (Overseas Course)

PASS
Sritaptim Panitpan
Luckana Stainswasdi

Diploma in Social Work Studies

DISTINCTION
Rosalind Niblett

PASS
Beverley Aaron
Linda Adams
Amal Arbab
Pamela Ann Paget Attwood

John Ivan Terence Ballantyne
Bhaskar Banerji
Peggy Anne Banks
Pauline Shirley Bayes
Bernard Joseph Beal
Arlette Myra Bernard
Doreen Mary Binks
Lawrence Keith Brown
Nadine Brummer
Susan Elizabeth Burr
Peter Francis Conniff
Judith Cooper
Elizabeth Anne Coupland
Sonia Ann Cracknell
Patricia Crawley
David Arthur Donaldson
Frances Duncan
Gillian Dutfield
Elizabeth Ann Finlayson
Brenda Mary Fischel
Elise Marguerite Fish
Richard Anthony Gilbert
Teresa Margaret Gowing
Jean Green
Bridget Nancy Greeves
Hilary Stephanie Harmer
Alda-Marie Hosker
Margaret Elizabeth Humphrey
Eunice Christian Hunter
Cherryl Yvonne James
Leslie George Johnson
Brian Patrick Keatley
Angela Winefride Kennedy
Elizabeth Jean Kinross
Christine Elizabeth Liddle
Jane Helen Violet Lloyd
Elaine Lombard
Margaret Eleanor Lucas
Pamela Christine McAllister
Mary McAuliffe
Janina Barbara Maciejna
Samuel Kolawole Makanjuola
Pamela Jeanne Mann
Christina Markopoulou
Marilyn Ruth May
Alison Oxlade

*Distinction in viva examination

Marion Teresa Perchard
Dorothy Ellen Pettitt
John Charles Pritchard
Kathleen Patricia Railton
David Anton Robertson
Evangeline Rogers
Maureen Ruesch
Yvonne Sylvia Schmid
Ruth Eleanor Dinah Schmidt
David Serge Schneerson
Gerald Snowdon
Adelaide Spenser
Jennifer Beryl Stiles
Elizabeth Jane Vaughan Sweeting
Alan Keith Swift
Angela Tuck
Marcella Marianne Claire Tucker
Barbara Christine Wallace
Pamela Gaye Wells
Mary Rosalind Williams
David John Wilmot

Diploma in Applied Social Studies

PASS
James Augustine O'Grady

Diploma in Personnel Management

DISTINCTION
*Patricia Kathleen Brittle
*Christine Jill Williams

Pass
John Richard Aitken
Subir Kumar Bhattacharyya
Ian Derek Keith Botterill
Lucy Helen Chapman
Rowland Peter De'Ath
*Ronald Page Goldie
Christopher Raymond John Hall
Michael Hordern
Stephen William Huard
Robert Wyn Jones
*Margaret Anne Kear
Lionel John Krieger

Robin Colin Greaves Ladkin
Jacob Yariyep Lot
Roger Henry McCann
Brendon Joseph Nee
Shrinivas Damodar Pandit
Babubhai Bhulabhai Patel
William Sydney Gerald Phillips
William Washington Powell
David Salinger
*Saundararajan Sathyam
Joan Secombe
Peter Damian Swain
Diana Warman

*Distinction in viva examination

Athletic Awards

Steel-Maitland Cup for Men
David Richard Butler

Steel-Maitland Cup for Women
Sheila Jane Slack

Wilson Potter Cup
Richard Peter Muller

S.H. Beaver Cricket Captain's Cup
Martin Walton Lister

McDuff Cup
Turnham Green Warriors

Gutteridge Tug-of-War Cup
Fitzroy Street Flats Team

Research

The School has, from its foundation, been a leading centre of research in social studies and has sought to provide good research facilities for members of the teaching staff and for graduate students. Furthermore, in order to preserve the freedom of staff to pursue research in their own way, the aim of the School has been to keep administrative organization concerned with research to a minimum consistent with adequate financial control and flexible enough to allow for the variety of research undertaken and for the rapid changes in the ways in which research is pursued. To this end there is a Research Committee whose terms of reference are as follows:

1. To encourage and facilitate research appropriate to the School as an academic centre of scholarship and teaching in social studies.

2. To keep under general review the research activities of the School and:

(*a*) seek to initiate and to secure means for the development of research
(*b*) receive for assessment all new proposals for research or for extensions of existing research projects which involve commitments of School funds and resources, other than the personal research of members of the staff or research financed from the Staff Research Fund
(*c*) make recommendations to the Director concerning proposed applications by the School or by members of the staff to outside bodies for research funds for which, if granted, the School would be accountable
(*d*) make recommendations to the Director concerning the amount of the allocation to be voted annually to the Staff Research Fund
(*e*) receive annual reports on the use of all research funds and grants for which the School is accountable.

There is a Staff Research Fund Committee which is responsible for advising the Research Committee on the allocation of the Staff Research Fund to research divisions. The Committee also receives reports on research carried out with the aid of the Fund.

The Research Divisions

There are at present seven research divisions, which include most members of the teaching staff. They are:

(i) the Economics Research Division, which includes the staffs of the departments of Economics, Economic History, and Industrial Relations
(ii) the Geographical and Anthropological Research Division
(iii) the Government Research Division
(iv) the International Studies Research Division, which includes the staffs of the departments of International History, International Relations, and Language Studies
(v) the Legal Research Division
(vi) the Social Research Division, which includes the staffs of the departments of Social Psychology, Social Science and Administration and of Sociology

(vii) the Statistics Research Division which includes the staffs of the departments of Statistics, and Philosophy, Logic and Scientific Method.

The divisions are concerned mainly with 'project research' and provide assistance to individual teachers on an *ad hoc* basis. Two divisions have, however, developed other functions:

(*a*) The Economics Research Division has established a basic staff of research assistants, whose services are available to all members of the Division, and an Economic Documentation and Research Centre where information is collected. To this extent this division may be said to be becoming also a centre of 'subject research'.
(*b*) The Statistics Research Division also offers an advisory service to staff and graduate students throughout the School on statistical methods and their application, and maintains a small research library, the Leverhulme Library, for staff use.

The Computer Services Unit has set up an experimental data retrieval scheme for articles published in the principal statistical journals. Any member of the School may obtain from the statistical journals at present in the scheme, details of any articles written by a specified author or containing a given word or group of words in the title. Information about references to or from the articles is also given.

A Unit in Operational Research has been established within this Division to provide a centre at which new theoretical problems in this field can be attacked, to provide graduate students with practical experience and to provide advice and information for operational research workers.

It is characteristic of much research in social studies today that it is co-operative in many different ways. Many projects are joint ventures in which several members of the staff share; some involve co-operation between several academic disciplines; some are pursued in collaboration with outside agencies, public and private, and with other colleges both in the United Kingdom and overseas. These have often been most fruitful in contributing both to the solution of urgent social and economic problems and to the enrichment of academic knowledge and the stimulation of the development of new techniques of enquiry.

The units described in the following paragraphs are mainly concerned with projects of this kind.

Centre for International Studies

The Centre for International Studies was established at the School in 1967 with the aid of a grant from the Ford Foundation. Whilst the prime concern of the Centre lies in the broad field of international studies, special attention is devoted to research and training in Soviet studies, including Russian and East European studies, and the study of International Communism; in Asian studies with special emphasis on development within China, and on China's relations with the outside world; and in European studies where, initially, a major concern is with the pattern of East-West relations, political, economic and cultural, in Europe.

In pursuance of this programme, the Centre has to date appointed eleven Research Fellows. Details of the work of earlier years are set out in previous Calendars. In 1970-71 three appointments were made: Dr. M. Abir, who worked on political

relations and great power pressures in the Gulf and Red Sea area; Dr. Sheila Fitzpatrick, who worked on the cultural revolution in Russia during the period of the first Five-Year Plan and Miss T. Tani, who worked on Japanese policy towards China and the international politics of Asia at the time of the Nishihara loans. The Centre has also awarded studentships to seventeen graduates. It is worthy of note that nearly half the number of former holders of graduate studentships now hold university appointments. Seventeen Visiting Fellows have also been able to spend some time at the Centre, taking part in seminars, as well as conducting their own research.

Documentary archives of contemporary international politics are being maintained and may be published. This project is sponsored jointly by the Centre and the International Relations department.

A seminar is also being run on Asia and the Pacific in International Relations, particular attention being given to China's relations with her neighbours and other great powers, while the Centre also assists in a joint Chatham House/L.S.E. seminar on European Studies.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor J. B. Joll, consisting of: Professor G. L. Goodwin, Professor A. H. John, Professor Coral M. Bell, Professor M. Freedman, Professor G. Ionescu, Professor H. G. Johnson, Dr. I. Lapenna, Dr. M. Leifer, Dr. P. H. Lyon, Dr. I. H. Nish, Professor F. S. Northedge, Mr. P. Reddaway, Professor L. B. Schapiro, Mr. G. H. Stern, Professor D. C. Watt, Professor P. J. de la F. Wiles, Mr. P. Windsor.

Centre for Urban Economics

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

Among its activities has been developing an urban economics option in the M.Sc. in Economics and strengthening the urban economics element in the teaching for the M.Sc. in Regional and Urban Planning Studies. Among its major research areas are: the analysis of trends in employment and unemployment within London during the 1960s in comparison with the rest of the country (also by industrial and geographical sectors within London); the formulation and testing of hypotheses to explain these trends, as well as research on female activity rates, the nature of unemployment and the relation of availability of low-paid labour to the structure of the housing market.

Comparative urban transport policies: the comparisons are international. The development of cost-benefit techniques in planning studies. Theoretical work in urban modelling.

Forecasting housing supply and demand in relation to a number of macro-economic variables. The analysis of changes in housing policy.

The development of methods to evaluate urban renewal programmes.

The Head of the Centre is Mr. C. D. Foster. Its members are A. D. J. Flowerdew and J. M. Thomson. Several other members of the Economics faculty are associated with its work.

Greater London Group

This interdisciplinary group was formed in 1958 under the stimulus provided by the

appointment of the Royal Commission on Local Government in Greater London. The appreciation of the value of the evidence which the Group presented to the Commission led to continued research into a number of subjects relating to local government in London and the south-east region, the range of which is indicated by the appended list of publications. In addition, two reports commissioned from the Group by the Royal Commission on Local Government in England were published by H.M.S.O. in 1968: they dealt with local government in south-east England and the lessons of the Greater London reforms.

During the last session, the second evaluative part of the Group's study of the reform of London government was published by the School and its publishers as *The New Government of London: The First Five Years*. The major research project on transport and traffic administration and co-ordination in Greater London has now been completed and will be published in due course. A study of the London Borough of Camden and its administration in the period 1965-71 has also been completed and will be published by Camden Borough Council.

During the current session a major project is being undertaken to examine London's labour market with particular reference to female activity rates, unemployment, low-paid workers and their housing needs. Finance is being sought for another project concerned with the political process in the London boroughs to ascertain the relative importance of the elected members, the officers, the press, local organizations and pressure groups and individuals. A feasibility study has been carried out in the London Borough of Haringey.

The Group has received grants of £18,300 from the Nuffield Foundation, £14,000 from the Leverhulme Trust, £13,600, and £16,000 from the Social Science Research Council, £8,000 from the Royal Commission on Local Government, £3,500 from the Ministry of Housing and Local Government and £2,000 from the City Parochial Foundation.

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

PUBLICATIONS

Greater London Papers

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

*Public lectures delivered under the auspices of the Group.

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

Books

London Government and the Welfare Services, S. K. Ruck, 1963

Municipal Entertainment and the Arts in Greater London, S. K. Ruck, 1965
The Government of London: The Struggle for Reform, G. Rhodes, 1970
The New Government of London: The First Five Years. Ed., G. Rhodes, 1972.

Higher Education Research Unit
The Unit undertakes research on economic and statistical aspects of higher education. Its research relates to methods of educational planning at national level, the relationship between what is provided in higher education and labour force needs, and the costs and operation of institutions of higher education. Part of the Unit's efforts is devoted to educational planning in developing countries.

Current projects include: student numbers and resource allocation in higher education; cost and production functions in higher education; two studies in the field of manpower planning: the demand for social scientists and an international comparison of rates of return to investment in education; and a study of the findings of the Carnegie Commission on Higher Education from a European viewpoint. Two new studies are proposed: one on financial efficiency and innovation in higher education, in particular on the economics of the Open University and its implications; and an analysis of professional labour markets, especially school-teachers. Several projects have now been completed, each resulting in a major publication. Seventeen books have been published. The following publications are in the press: *The Practice of Manpower Forecasting: A Collection of Case Studies; The Returns to Education: An International Comparison;* 'Economic and Social Aspects of the Academic Profession'; 'Costs in Universities and Polytechnics'; 'Demand for Social Scientists'; and 'Allocating Resources in Higher Education'.

Journal articles by members of the Unit are issued in the Unit's Reprint Series: forty-nine to date. A report on the Unit's work from 1964 to 1968 entitled *The First Five Years* was published in July 1969. As well as covering research completed, it describes the Unit's administrative, financial and teaching aspects and outlines future plans. Annual Reports are also available.

Financial support for the Unit has come from the Nuffield Foundation (two grants), the Social Science Research Council (two grants), the Department of Education and Science (five grants), O.E.C.D. (three grants), the Ford Foundation (three grants), the former Ministry of Overseas Development (two grants), the Department of Employment, the National Board for Prices and Incomes, the National Economic Development Office (three grants), the Carnegie Commission on Higher Education, and the London School of Economics, and now totals some £580,000.

The Director of the Unit is Professor C. A. Moser; Associate Director, Mr. G. L. Williams; Deputy Director, Mr. P. R. G. Layard; Research Secretary, Miss J. A. Pinney. There is a full-time research staff of fifteen. Several members of the teaching staff undertake research in connection with the Unit's programme.

Apart from its research, the Unit has initiated five courses: a workshop and a research seminar in the Economics of Education, held fortnightly throughout the session, a lecture course in the Economics of Education and Human Capital (sixteen lectures), a lecture course on Statistical Aspects of Educational Planning (fifteen lectures), and a lecture course on Economic Models of Educational Planning (ten lectures). The students who attend these courses are mainly graduates taking the option in Economics of Education and Human Capital for the M.Sc. in Economics, the Educational Statistics option for the M.Sc. in Statistics, the Educational Administration option for the M.Sc. in Social Administration, or the Manpower Planning option in the M.Sc. in Industrial Relations, as well as research students working in the Unit's field. The Unit also organizes a Seminar in Educational Planning and various informal activities in the economics of education.

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

Current research includes S.S.R.C. financed projects investigating industrial relations problems of multi-national corporations; the growth of legal services and policy and trade unions and firms; the process of organizational change in large public organizations. Studies of housing maintenance organizations within local and national government and of port management organization are also being carried out.

Management Studies Research Division
The Management Studies Research Division is concerned with studies at the School germane to management problems, covering such fields as administrative theory, structure and procedures; mathematical and statistical methods applied to decision-making; computer programming and data processing; accounting for management; the economics and finance of public and private enterprises; and industrial relations. Its members are Professor A. S. Douglas, Professor J. Durbin, Professor H. C. Edey (Chairman), Professor B. C. Roberts, Baroness Seear, Professor P. J. O. Self and Professor B. S. Yamey.

Medical Research Council Unit (20 Hanway Place, W1P 0AS)
The Medical Research Council Unit was established at the School in April 1962 to study problems on the borderline of sociology and medicine. The Unit is undertaking first a large-scale national study of health and development, and second a number of smaller developmental studies of infants and young children.

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

The developmental studies of infants and young children are of two types. Dr. A. Costello and Dr. Margaret Lamont are using a twin sample to study the ways in which the personal characteristics of very young children influence the care they

receive. Mrs. E. Cooper and Dr. D. Ingleby are studying the factors that influence the early adjustment and progress of children when they enter the infant schools. The Director of the Unit is Dr. J. W. B. Douglas and the Secretary is Miss E. Pollard.

Population Investigation Committee

The Population Investigation Committee is a research group concerned with the study of demographic questions and has been housed at the School since World War II. It is affiliated with the School, acts as adviser to the School on questions of demographic research and teaching, and collaborates with the School in the provision of postgraduate training in demography. The Committee undertakes investigations into population problems and publishes a journal *Population Studies*.

A major investigation initiated by the Committee has been a National Sample Survey of the Health and Development of Children, based on a follow-up study of an appropriately designed sample of children born in one week in 1946 in every area in Great Britain. Reports on the study include many papers and three books: *Maternity in Great Britain* by the National Survey Committee; *Children under Five* by J. W. B. Douglas and J. M. Blomfield and *The Home and the School* by J. W. B. Douglas.

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

The Committee has also co-operated with the Scottish Council for Research in Education in their follow-up survey of Scottish school children—a survey which has resulted in the publication of several books.

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

More recently, the research of the Population Investigation Committee has been concerned especially with questions of current marriage and fertility patterns in Britain. A full-scale enquiry into fertility and birth control practice in Britain was launched in 1967. Papers presenting preliminary results have been published in advance of the completion of a full report. The Committee is also involved in research concerning population questions in developing countries and, at the request of the Government of Mauritius, is helping to evaluate the birth control programme in that country.

In collaboration with the School, the Committee has organized a postgraduate training programme in demography, focused upon developing societies, but also accepting students from developed societies. Since its establishment in 1965, 108 students have been admitted to the programme. New methodological research has been undertaken in connection with the training programme, with the object of

providing more effective techniques for detecting and correcting errors in poor basic demographic data. A book embodying the results of this research was published in 1971: *Demographic Estimation for Developing Societies* by N. H. Carrier and J. N. Hobcraft.

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

The Committee has received financial support from many bodies including the following: Department of Scientific and Industrial Research, the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Simon Population Trust, the Population Council Incorporated of New York and the Rockefeller Foundation. The Chairman of the Committee is Professor D. V. Glass; the Hon. Research Secretary is Mr. N. H. Carrier and the General Secretary is Mrs. D. Castle.

Other Aspects of Research

Whilst some research activity is financed from School funds, the greater part of it is supported by public sources of research grants, by research foundations and by benefactions from industry and individuals. Reference to some of this support has been made in the preceding paragraphs about the larger units engaged upon co-operative projects. Earlier benefactions have provided support for a wide range of other research projects, some of them extending over several years.

The School has also been glad to accept grants from outside bodies which have made possible the establishment of fellowships, thereby enabling scholars to undertake on a full-time basis investigations the pursuit of which would scarcely have been possible if combined with the heavy burdens of teaching duties.

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

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

Computer Services

As members of London University, students and staff of the School have access to the University computer facilities. These comprise the London University CDC 6400, 6600 and 7600 computers at Guilford Street; the IBM 360/65 at University College; the ICL 1905E at Queen Mary College; the CDC 6400 and IBM 7094 at Imperial College and the ICL Atlas at Chilton.

The School is directly linked to the CDC 6600 through two card reader/line printer terminals and by means of a number of video terminals. Several teletypes are available to access the 6600 or the 6400 at Imperial College. In addition, the School

shares a CDC 1700 computer at King's College, which is also directly linked to the central 6600.

It is the policy of London University to charge all users who are in receipt of research grants with a financial provision for computing, the direct cost of computer time. All other users have free access to the computer although small charges may be made for the hire of magnetic tapes or discs, and the use of stationery.

A computer service comprising data preparation, computer operating, programming and advisory services, is provided under a Manager of the Computer Unit. A very comprehensive range of programs designed for the use of social scientists is available to members of the School.

Publications by Members of the Staff from 1 August 1970 to 31 July 1971

(This list includes some publications that were not available for inclusion in the report for 1969–70)

Accounting

Professor H. C. Edey

'Grossbritannien, Besonderheiten des Rechnungswesens' in *Handwörterbuch des Rechnungswesens* (Poeschel Verlag, 1970)

'The Nature of Profit' (*Accounting and Business Research*, Winter 1970)

Professor B. S. Yamey

'Closing the Ledger, Simon Stevin, and the British Balance Sheet' (*Accounting and Business Research*, Winter 1970)

'Jacob de Metz's "Sendero Mercantil": an Unrecorded Book on Accounting, 1697' (*Accounting and Business Research*, Spring 1971)

Anthropology

Dr. M. E. F. Bloch

Placing the Dead: Tombs, Ancestral Villages, and Kinship Organization in Madagascar (Seminar Press, 1971)

'The Moral and Tactical Meaning of Kinship Terms' (*Man*, March 1971)

'The Implications of Marriage Rules and Descent: Categories for Merina Social Structure' (*American Anthropologist*, February 1971)

Mr. J. A. W. Forge

'Prestige, Influence and Sorcery' in M. Douglas (Ed.), *Witchcraft: Confessions and Accusations* (A.S.A. Monographs, No. 9) (Tavistock Publications, 1970)

'Art and Environment in the Sepik' in C. F. Jopling (Ed.), *Art and Aesthetics in Primitive Societies* (Dutton, New York, 1971) (The Curl Lecture, 1965, reprinted from *Proceedings of the R.A.I. for 1965*)

'The Abelam Artist' in Y. A. Cohen (Ed.), *Man in Adaptation: The Institutional Framework* (Aldine, Chicago, 1971, reprinted from M. Freedman (Ed.), *Social Organization: Essays Presented to Raymond Firth*, 1967)

Professor I. M. Lewis

(Editor) *Man*, Vol. 6, 1971

'The Tribal Factor in Contemporary Africa' in C. Legum and J. Drysdale (Eds.), *Africa Contemporary Record 1969–70* (Africa Research, 1970)

'The Witchcraft Philosophy' (*Encounter*, February 1971)

'Zum Problem des Tribalismus in Somalia' (*Afrika Forum*, July–August 1970)

Ecstatic Religion (Penguin Books, 1971)

Dr. J. C. Woodburn
Hunters and Gatherers: The Material Culture of the Nomadic Hadza (British Museum, 1970)
(With F. J. Bennett, I. G. Kagan and N. A. Barnicot) 'Helminth and Protozoal Parasites of the Hadza of Tanzania' (*Transactions of the Royal Society of Tropical Medicine and Hygiene*, 1970)

Criminology

Mr. J. E. Hall Williams
'The Purposes of Punishment: Correction or Cure?' (*The Magistrate*, April 1971)
'The Choice of Non-Custodial Measures' (*The Magistrate*, May 1971)
'Custodial Sentences' (*The Magistrate*, June 1971)
'The Penal System: A Time of Crisis' (*The New Law Journal*, 3 September 1970)

Demography

Professor D. V. Glass
'World Population Trends and Controls' (*Proceedings of the Royal Society of Medicine*, November 1970)

Economics

Professor P. T. Bauer
'Economic History as Theory' (*Economica*, May 1971)
'The Vicious Circle of Poverty' in I. Livingstone (Ed.), *Economic Policy for Development* (Penguin Modern Economic Readings, 1971)

Dr. N. E. Devletoglou
Consumer Behaviour: An Experiment in Analytical Economics (Harper and Row, 1971)
'Academic Freedom and the Socratic Ideal' (*The Spectator*, October 1970)
'Thresholds and Transactions Costs' (*The Quarterly Journal of Economics*, February 1971)
'A Dissenting View of Duopoly and Spatial Competition' reprinted in R. D. Dean, W. H. Leahy and D. L. McKee (Eds.), *Spatial Economic Theory* (Macmillan, 1971)
(With J. M. Buchanan) *Academia in Anarchy: An Economic Diagnosis*, British edn., with new introduction (Tom Stacey, 1971)

Professor Sir Ronald Edwards
The Case for Competition (Peter le Neve Foster Lecture, Royal Society of Arts, December 1970)

Mr. A. D. J. Flowerdew
'Cost Benefit Analysis in Evaluating Alternative Planning Policies for Greater London' in M. G. Kendall (Ed.), *Cost Benefit Analysis* (English Universities Press, 1971)
'Cabtrack – Balancing the Benefits' (*The Architects' Journal*, 19 May 1971)

Mr. L. P. Foldes
'Inflation and Financial Accounts: The Treatment of Loan Capital' (*The Accountant*, 22 July 1971)

Dr. S. Gomulka
(With A. Chilosi) 'Technical Progress and Long-Run Growth' (*Rivista di Politica Economica*, Selected Papers, December 1970)

Professor W. M. Gorman
'Apologia for a Lemma' (*Review of Economic Studies*, January 1971)
'Clontarf Revisited' (*Review of Economic Studies*, January 1971)
'Preference, Revealed Preference and Indifference' in *Demand Preference and Utility* (Harcourt Brace Jovanovich, July 1971)

Mr. B. Griffiths
'The Determination of the Treasury Bill Tender Rate' (*Economica*, May 1971)
'The Implications of an E.E.C. Monetary Union' in D. Evans (Ed.), *Destiny or Delusion: Britain and the Common Market* (Gollancz, 1971)
Competition in Banking (Hobart Paper No. 51, Institute of Economic Affairs, December 1970)
'The Impact of an E.E.C. Monetary Union' (*The Monthly Bulletin*, Commonwealth Industries Association, September–October 1970)
'L'Inghilterra al bivio: entrare o no nella C.E.E.?' (*Mercurio*, February 1971)
Note on A. D. Bain, 'Monetary Control Methods in the United Kingdom' in G. Clayton, J. C. Gilbert and R. Sedgwick (Eds.), *Monetary Theory and Monetary Policy in the 1970s* (O.U.P., 1971)

Professor F. H. Hahn
(Editor) *Readings in the Theory of Growth* with introductory essay (Macmillan)
'Professor Friedman's Views on Money' (*Economica*, February 1971)
'General Equilibrium with Transaction Costs' (*Econometrica*, May 1971)

Dr. B. V. Hindley
Industrial Merger and Public Policy (Hobart Paper 50, July 1970)
The Economic Theory of Patents, Copyrights and Registered Industrial Designs (Economic Council of Canada, January 1971)

Professor H. G. Johnson
(Joint author) 'Report of the Committee on the Criteria of Academic Appointment' (*University of Chicago Record*, 17 December 1970)
(Editor with H. G. Grubel) *Effective Tariff Protection* (Geneva: General Agreement on Tariffs and Trade and the Graduate Institute of International Studies, 1971)
'Is There an Optimal Money Supply?' in M. D. Intriligator (Ed.), *Frontiers of Quantitative Economics* (North Holland Publishing Company, 1971)
'Trade and Growth: A Geometrical Exposition' (*The Journal of International Economics*, January–March 1971)
A Note on the Theory of Transactions Demand for Cash' (*Journal of Money, Credit and Banking*, August 1970)

'Comment on Cooper's Paper' in I.M.F. (Ed.), *International Reserves: Needs and Availability* (I.M.F. 1970)
'The Canadian Floating Rate in Historical Perspective' (*International Currency Review*, July–August 1970)
(Editor and Contributor) *Trade Strategy for Rich and Poor Nations* (Allen and Unwin, 1971)
'Directives à l'intention des gouvernements au sujet des sociétés multinationales' (*Revue de la Société d'Etudes et d'Expansion*, November 1970)
'Britain and the Six' in J. E. Meade, *U.K., Commonwealth and Common Market* (Institute of Economic Affairs, 1970)
'The Economic Benefits of Scientific Research' (*Minerva*, April 1971)
'Towards a World Central Bank? A Commentary' in I.M.F. (Ed.), *Towards a World Central Bank* (I.M.F., 1971)
'The Challenge of Political, Economic and Social Forces for the Financial System' (*Institute of Canadian Bankers Bulletin*, Fall 1970; *The Bankers' Magazine*, February 1971; *U.M.B.C. Economic Review*, July 1971)
'Monetary Theory and Monetary Policy' (*Euromoney*, December 1970)
'The Keynesian Revolution and the Monetarist Counter-revolution' (*Encounter*, April 1971; *The American Economic Review*, May 1971)
'Self-Assessment to Personal Income Tax: The American System' (*British Tax Review*, March–April 1971)
'Implications for the World Economy' in D. Evans (Ed.), *Destiny or Delusion: Britain and the Common Market* (Gollancz, July 1971)
'Common Market: The Case Against' (*The Spectator*, 13 February 1971)
'Problems of European Monetary Union' (*Euromoney*, April 1971)
'The Inflation Crisis' (*International Currency Review*, July–August 1971)
'Going Into Europe Again' (*Encounter*, June 1971)
'International Economic Policy Problems' (*The Wall Street Transcript*, 21 June 1971)
'Testimony on Inflation' (*Proceedings of the Standing Senate of Canada Sub-Committee on National Finance*, No. 12 1971; *Proceedings on the Question of Growth, Employment and Price Stability*)

Miss D. J. Jones
(With P. R. G. Layard, J. D. Sargan and M. E. Ager) *Qualified Manpower and Economic Performance: an Inter-plant Study in the Electrical Engineering Industry* (Allen Lane, The Penguin Press, April 1971)

Mr. K. Klappholz
Swedish translation of the 'Introduction' to E. J. Mishan, *21 Popular Economic Fallacies* (Wahlström and Widstrand, Stockholm, 1970)

Mr. P. R. G. Layard
(With J. D. Sargan, M. E. Ager and D. J. Jones) *Qualified Manpower and Economic Performance: an Inter-plant Study in the Electrical Engineering Industry* (Allen Lane, The Penguin Press, April 1971)
(With J. R. B. King) 'L.S.E. as a Graduate School?' (*The Universities Quarterly*, Autumn 1970)

(With G. L. Williams) 'The Scale of Expansion to Come' and 'Meeting the Cost Constraint' in G. Brosan *et al.*, *Patterns and Policies in Higher Education* (Penguin Books, 1971)

Mr. S. Markowski
'Mr. Gomulka's Economic Legacy: The Roots of Dissent' (*The World Today*, February 1971)
(With P. J. de la F. Wiles) 'Income Distribution Under Communism and Capitalism' (*Soviet Studies*, January, April 1971; *Mercurio*, Summer 1971)

Dr. D. H. Metcalf
(With K. Cowling and A. Rayner) *Resources in U.K. Agriculture: An Economic Analysis* (Pergamon, 1970)
'University Salaries: Faculty Differentials' (*Economica*, November 1970)
(With H. G. Johnson and G. R. J. Richardson) 'Inflation: The Text Book Gives No Answer' (*Financial Times*, 14 November 1970)
(With G. R. J. Richardson) 'The Case Against Incomes Policy' (*Financial Times*, 3 February 1971)
'Earnings Changes: A Regional Analysis for the U.K. 1960–68' (*International Economic Review*, June 1971)

Dr. E. J. Mishan
Cost-Benefit Analysis: An Informal Introduction (Allen and Unwin, June 1971)
'What is Wrong with Roskill' (*Journal of Transport Economics and Policy*, September 1970)
'The Postwar Literature on Externalities' (*Journal of Economic Literature*, March 1971)
'Cost-Benefit Analysis for Poor Countries' (*The Canadian Journal of Economics and Political Science*, February 1971)
'The Evaluation of Life and Limb: A Theoretical Approach' (*The Journal of Political Economy*, May 1971)
'Further Reflection on Collective Goods and Externalities' (*The Journal of Political Economy*, July 1971)
'Mishan on Gains from Trade: A Reply' (*The American Economic Review*, March 1971)
'Investment Criteria: A Reply' (*The Economic Journal*, March 1971)
'Pangloss on Pollution' (*Swedish Journal of Economics*, March 1971)
'Arrow and Lind on Public Investment under Uncertainty: An Alternative View' (*The American Economic Review*, June 1971)
'The A, B, C of Cost-Benefit Analysis' (*Lloyds Bank Review*, July 1971)
'The Economics of Hope' (*The Ecologist*, January 1971)
'What Roskill Left Out' (*The Daily Telegraph*, 5 February 1971)
'Futurism and the Worse that is Yet to Come' (*Encounter*, March 1971)
'Postwar Economic Growth in the West: Some Pessimist Reflections' in *The Great Ideas Today*, 1971
'The Economics of Disamenity' in *Technology and Society* (Harvard, 1971)
'Economic Growth: The Path to Perdition' (*The Public Interest*, July 1971)
'Pollution, Economics, and Liberalism' (*Current Affairs Bulletin*, April 1971)

'Thinking of the Future' in *The Year 2000* (The European Foundation, 1971)
Contributor to 'Going into Europe Again' (A Symposium) (*Encounter*, June 1971)

Professor M. Morishima
'Consumption-Investment Frontier, Wage-Profit Frontier and the von Neumann Growth Equilibrium' (*Zeitschrift für Nationalökonomie*, Supplement 1971)

Professor H. Myint
Economic Theory and the Underdeveloped Countries (O.U.P., New York, 1971)

Dr. S. A. Ozga
'Switching of Techniques and Consumption per Head' (*The Quarterly Journal of Economics*, August 1970)

Dr. M. Perlman
'International Differences in Liquid Asset Portfolios' in D. Meiselman (Ed.), *Varieties of Monetary Experience* (The University of Chicago Press, 1970)
' "Forced Saving" and the Rate of Interest' (*The Journal of Political Economy*, March–April 1971)

Professor A. R. Prest
Public Finance in Theory and Practice, 4th edn. (Weidenfeld and Nicolson, 1970)
(Editor) *The U.K. Economy*, 3rd edn. (Weidenfeld and Nicolson, 1970)
'The Negative Income Tax: Concepts and Problems' (*British Tax Review*, November–December 1970)
'Taxation and Growth' (*The Political Quarterly*, January–March 1971)
'Agenda for Tax Reform' (*The Banker*, March 1971)
'Budget Problems of 1971' (*The Times*, 15, 16 April 1971)
'The Role of Labour Taxes and Subsidies in Promoting Employment in Developing Countries' (*International Labour Review*, April 1971)

Dr. G. C. Psacharopoulos
'On Some Positive Aspects of the Economics of the Brain Drain' (*Minerva*, April 1971)

Professor J. D. Sargan
(With P. R. G. Layard, M. E. Ager and D. J. Jones) *Qualified Manpower and Economic Performance: an Inter-plant Study in the Electrical Engineering Industry* (Allen Lane, The Penguin Press, April 1971)
(With W. M. Mikhail) 'A General Approximation to the Distribution of Instrumental Variables Estimates' (*Econometrica*, January 1971)

Mr. H. Townsend
Concentrazioni industriali e controllo pubblico (il Mulino, 1970)
Price Theory (Penguin Books, July 1971)

Professor A. A. Walters
'The Debate on Money 1967–1969' (*Economic Age*, July–August 1970)
'The Long and the Short and Interest Rates' (*Gilt-Edged Review Supplement*, Sebag, end-September 1970, *United Malayan Banking Corporation Economic Review*, Vol. VI, No. 2, 1970)
'Kaldor on Monetarism' (*The Banker*, October 1970)
'Monetary Policy, Gilts and Equities' (*The Investment Analyst*, December 1970)
'Can Heath Stop It?' (Review 1970–71) (*The Financial Times*, 1 January 1971)
'A "Normal Yield" on Gilts?' (*Sebag Investment Report*, January 1971)
'Tax Reform – Some Comparisons' (*The Banker*, March 1971)
'A Reformed Inflation' (*The Sunday Telegraph*, 4 April 1971)
'Money in Theory and Practice' (*Indian Economic Journal*, April–June 1971)
'The Budget and the Aftermath' (*Sebag Investment Report*, May 1971)
Money in Boom and Slump, 3rd edn. (Hobart Paper No. 44, 1971)
'Inflation and Stagnation – Who's to Blame?' (*Sebag Investment Report*, July 1971)
An Introduction to Econometrics, 2nd edn. (Papermac 1970; W. W. Norton, New York, 1970)
'A Method for Collecting Economic Statistics of Shipping' (*Journal of the Royal Statistical Society*, Series A, Vol. 121, 1971)
'Consistent Expectations, Distribution Lags and the Quantity Theory' (*The Economic Journal*, June 1971)

Professor P. J. de la F. Wiles
'Development and Democracy, the Chicken and the Egg' (*Journal of Constitutional and Parliamentary Studies*, April–June 1970, New Delhi)
'A Comment on Bell' (*Survey*, Winter 1971)
(With S. Markowski) 'Income Distribution under Communism and Capitalism' (*Soviet Studies*, January and April 1971; *Mercurio*, Summer 1971)
'Evidence on East-West Economic Relations' (*Hearings of Joint Economic Committee of Congress*, 7–9 December 1970) (U.S.G.P.O.)
'Crisis Prediction' (*Annals of the American Academy of Political and Social Science*, January 1971)
'The Declining Self-Confidence of the Super-Powers' (*International Affairs*, April 1971)
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'Poor Kids and Rich Kids' (*New Statesman*, 6 November 1970)
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'Systems Analysis by Computer' (Kent Branch Report, *Computer Bulletin*, May 1971)

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Eleventh Report of the Air Transport Licensing Board, H.C.415, 1971

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Preliminary Draft of the National Insurance (Collection of Graduated Contributions) Regulations, 1970
National Insurance (Collection of Graduated Contributions) Regulations, 1970 (S.I. 1970 No. 1770)
National Insurance (Occupational Pensioners) (Unemployment Benefit) Regulations, 1970
National Insurance (Married Women) Amendment Regulations, 1971
National Insurance (Unemployment and Sickness Benefit) Amendment Regulations, 1971 (S.I. 1971 No. 807)
National Insurance and Industrial Injuries (Collection of Contributions) Amendment Regulations, 1971 (S.I. 1971 No. 993)
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Professor M. J. Wise
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Statistics of Students

Analysis of Regular and Occasional Students, 1967–72

	Session 1967–68	Session 1968–69	Session 1969–70	Session 1970–71	Session 1971–72
REGULAR STUDENTS					
Full-time					
First Degree	1669	1596	1486	1532	1584
First Diploma	73	60	74	79	68
Higher Degree	1195	1149	1152	1371	977
Higher Diploma and Certificate	166	187	184	204	199
Research Fee	81	84	78	78	76
Other Regular	78	89	69	78	99
TOTAL OF FULL-TIME STUDENTS					**3003**
Part-time					
First Degree					1
Higher Degree					410
Higher Diploma and Certificate					0
Research Fee					6
Other Regular					0
TOTAL PART-TIME STUDENTS					**417**
TOTAL OF REGULAR STUDENTS	**3262**	**3165**	**3043**	**3342**	**3420**
OCCASIONAL STUDENTS	177	207	232	221	230
GRAND TOTAL	**3439**	**3372**	**3275**	**3563**	**3650**

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

Analysis of Overseas Students, 1967–72

	Session 1967–68	Session 1968–69	Session 1969–70	Session 1970–71	Session 1971–72
REGULAR STUDENTS					
First Degree	145	149	174	257	267
First Diploma	11	9	2	4	0
Higher Degree	519	450	443	629	649
Higher Diploma and Certificate	39	50	98	46	46
Research Fee	66	72	17	74	75
Other Regular	62	69	70	77	82
OCCASIONAL STUDENTS	84	71	54	62	63
TOTAL	**926**	**870**	**858**	**1149**	**1182**

Analysis of Regular and Occasional Students, 1970–72

REGULAR STUDENTS	SESSION 1971–72						SESSION 1970–71						
	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	249	83	332				930	256	62	318		1	1	924
2nd year	242	60	302					235	63	298				
3rd year	234	61	295					253	46	299				
4th year											7	1	8	
5th year				1		1								
B.Sc. Degree:														
Geography														
1st year	18	13	31				77	19	7	26				68
2nd year	17	6	23					19	4	23				
3rd year	20	3	23					15	4	19				
Social Anthropology														
1st year	8	12	20				51	10	10	20				41
2nd year	9	7	16					7	9	16				
3rd year	6	9	15					4	1	5				
Social Psychology														
1st year	5	11	16				47	6	12	18				33
2nd year	5	13	18					7	8	15				
3rd year	6	7	13											
Mathematics														
1st year	7	2	9				9							
Sociology														
1st year	12	19	31				31							
B.A. History														
1st year	7	12	19				49	9	7	16				38
2nd year	10	7	17					7	6	13				
3rd year	7	6	13					7	2	9				
B.A. Philosophy and Economics														
3rd year	1		1				1	4	1	5				5

Analysis of Regular and Occasional Students, 1970–72 *(continued)*

REGULAR STUDENTS	SESSION 1971–72							SESSION 1970–71						
	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. Linguistics/ Anthropology																
1st year		1	1	1												
B.A. French/ Linguistics																
1st year	1	6	7						2	10	12					
2nd year	2	8	10						3	6	9					
3rd year (abroad)	3	5	8	30					1	3	4	38				
4th year	1	4	5						4	9	13					
B.A. German/ Linguistics																
1st year	2	5	7							2	2					
2nd year		1	1							2	2					
3rd year (abroad)		2	2	13					1	2	3	7				
4th year	1	2	3													
B.A. French/ German				60				60				54				54
1st year	4	2	6							2	2					
2nd year		2	2													
3rd year (abroad)		1	1	10					1	1	2					
4th year		1	1							1	1	5				
B.A. French/ Spanish																
1st year		1	1													
3rd year (abroad)		1	1	2						1	1	1				
B.A. German/ Russian																
1st year																
2nd year		2	2	2						2	2	2				
B.A. French/ Russian																
1st year		1	1													
2nd year		1	1	2						1	1	1				
LL.B.																
1st year	52	16	68						49	19	68					
2nd year	40	16	56						53	13	66					
3rd year	53	12	65	189				189	41	10	51	185				185

Analysis of Regular and Occasional Students, 1970–72 *(continued)*

REGULAR STUDENTS	SESSION 1971–72							SESSION 1970–71						
	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. Mathematics																
1st year	(No admissions—see B.Sc. Degree)								11	1	12					
2nd year	7		7	11				11	4	1	5	25				25
3rd year	4		4						7	1	8					
B.A. (Sociology)																
1st year	1	5	6*						7	8	15					
2nd year	5	7	12	24					3	3	6	29				
3rd year	3	3	6						2	6	8					
B.Sc. (Sociology)				130				130				159				159
1st year	2	14	16*						18	30	48					
2nd year	18	28	46	106					20	24	44	130				
3rd year	19	25	44						15	23	38					
M.Sc.																
1st year	269	121	390		36	9	45	435	334	90	424		38	6	44	468
2nd and subsequent years	45	7	52		43	8	51	103	26	9	35		41	9	50	85
M.Sc. (Economics)																
2nd and subsequent years				899				397				900				372
Ph.D.																
1st year	11	1	12		6		6	18	12	3	15		5	1	6	21
2nd and subsequent years	124	27	151		66	21	87	238	125	21	146		67	17	84	230
M.Phil.																
1st year	155	29	184		58	13	71	255	143	48	191		46	15	61	252
2nd and subsequent years	77	33	110		97	40	137	247	60	29	89		92	35	127	216
LL.M.																
1st year	50	8	58		7		7	65	56	12	68		4		4	72
2nd and subsequent years		2	2	78	4	1	5	7	3		3	85	6	3	9	12
M.A.																
1st year	16	2	18					18	10	4	14		1		1	15
2nd and subsequent years					1		1	1								
Research Fee																
1st year	56	14	70		4	1	5	75	59	9	68		1		1	69
2nd and subsequent years	6		6	76		1	1	6 7	6		6	74	1	2	3	4 9

*These figures relate to Branch III of the degrees. There were no admissions to Branch I in 1971. (See entry under Sociology in the B.Sc. Degree.)

Analysis of Regular and Occasional Students, 1970–72 *(continued)*

REGULAR STUDENTS	SESSION 1971–72							SESSION 1970–71						
	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	
University Diploma: Anthropology														
1st year	3	4	7					3	2	5				
2nd and subsequent years	3	4	7			14	14	3	2	5			10	10
Diplomas Awarded by the School:														
Diploma in Social Work Studies	12	56				68	68	18	57				75	75
Diploma in Development Administration	9					9	9	20	1				21	21
Diploma in Personnel Management	12	15				27	27	25	7				32	32
Diploma in Social Administration:														
1 year course	17	46	63					16	41	57				
2 year course														
1st year	13	24	37	68		131	131	9	22	31	62		119	119
2nd year	9	22	31					14	17	31				
Diploma in Statistics:														
1st year	12	6				18	18	4	3	7				
2nd year								1		1	8	1		1	9
General Course	53	27				80	80	56	22				78	78
Overseas Course	1					1	1							
Trade Union Studies	17	1				18	18	16	1				17	17
TOTAL OF REGULAR STUDENTS	**2051**	**952**				**3003**	**417**	**3420**	**2119**	**823**			**2942**	**310**	**90**		**400**	**3342**
OCCASIONAL STUDENTS				176	54		230	230						173	48		221	221
GRAND TOTAL	**2051**	**952**			**3003**	**499**	**148**		**647**	**3650**	**2119**	**823**		**2942**	**483**	**138**		**621**	**3563**

Analysis of Overseas[1] Students in Attendance at the London School of Economics during the Sessions 1967–72

	1967–68		1968–69		1969–70		1970–71		1971–72	
Balkan States	2	(2)	4	(4)	2	(2)	2	(1)	3	(3)
France	12	(7)	7	(4)	3	(2)	9	(7)	11	(7)
Germany	26	(22)	25	(24)	20	(19)	26	(24)	25	(21)
Greece	28	(25)	30	(29)	34	(33)	42	(39)	37	(35)
Holland	1	(1)	2	(2)	3	(3)	4	(4)	2	(2)
Italy	13	(7)	11	(8)	10	(8)	16	(15)	23	(21)
Poland	—		1	(1)	5	(5)	7	(7)	5	(5)
Russia	1	(1)	3	(3)	1	(1)	—		3	(3)
Scandinavia	8	(6)	18	(14)	16	(12)	15	(12)	22	(18)
Switzerland	8	(8)	2	(2)	4	(2)	6	(6)	6	(6)
Others	30	(27)	44	(39)	41	(41)	55	(48)	53	(49)
Total Europe	*129*	(*106*)	*147*	(*130*)	*139*	(*128*)	*182*	(*163*)	*190*	(*170*)
Bangladesh	—		—		—		—		5	(5)
Burma	—		—		—		1	(1)	1	(1)
China	—		1	(1)	1	(1)	2	(2)	3	(1)
India	48	(42)	30	(28)	29	(28)	34	(33)	31	(31)
Iran[2]	—		—		—		38	(38)	38	(38)
Israel	20	(18)	16	(14)	17	(17)	25	(24)	5	(1)
Japan	7	(6)	17	(12)	12	(9)	16	(12)	16	(15)
Malaysia	23	(22)	26	(26)	33	(33)	50	(50)	44	(44)
Pakistan	32	(31)	26	(26)	33	(30)	53	(53)	51	(51)
Singapore	10	(10)	6	(6)	5	(5)	5	(5)	12	(12)
Sri Lanka	7	(6)	6	(5)	18	(18)	13	(13)	10	(10)
Thailand[2]	—		—		—		13	(13)	5	(5)
Turkey	16	(14)	14	(12)	16	(16)	21	(19)	15	(15)

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

[2]Previously included in Asia: Others

Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions 1967–72 (*continued*)

	1967–68		1968–69		1969–70		1970–71		1971–72	
Others	31	(30)	42	(38)	52	(50)	33	(29)	59	(57)
Total Asia	*194*	*(179)*	*184*	*(168)*	*216*	*(207)*	*304*	*(292)*	*295*	*(286)*
Ghana	24	(24)	15	(15)	6	(6)	8	(8)	9	(9)
Kenya[1]	—		—		—		13	(13)	17	(17)
Nigeria	36	(32)	20	(20)	16	(16)	26	(26)	35	(35)
Rhodesia	11	(11)	9	(9)	4	(4)	5	(5)	8	(8)
South Africa	14	(14)	16	(15)	14	(14)	13	(13)	10	(10)
Others	33	(32)	34	(34)	48	(47)	45	(45)	39	(39)
Total Africa	*118*	*(113)*	*94*	*(93)*	*88*	*(87)*	*110*	*(110)*	*118*	*(118)*
Canada	112	(108)	112	(106)	121	(116)	170	(169)	176	(169)
United States	270	(250)	244	(226)	213	(200)	266	(254)	290	(274)
Others	10	(6)	9	(6)	5	(5)	12	(12)	13	(9)
Total North America	*392*	*(364)*	*365*	*(338)*	*339*	*(321)*	*448*	*(435)*	*479*	*(452)*
West Indies	*16*	*(15)*	*15*	*(15)*	*13*	*(13)*	*13*	*(13)*	*12*	*(12)*
Central America	*9*	*(6)*	*4*	*(4)*	*4*	*(1)*	*9*	*(6)*	*11*	*(11)*
South America	*32*	*(25)*	*31*	*(23)*	*27*	*(19)*	*50*	*(38)*	*43*	*(39)*
Australia	28	(26)	20	(18)	17	(16)	23	(20)	24	(22)
New Zealand	5	(5)	9	(9)	12	(10)	10	(10)	10	(9)
Others	—		—		1	(—)	—		—	
Total Oceania	*33*	*(31)*	*29*	*(27)*	*30*	*(26)*	*33*	*(30)*	*34*	*(31)*
Total	**923**	**(839)**	**869**	**(798)**	**856**	**(802)**	**1149**	**(1087)**	**1182**	**(1119)**

The figures in brackets denote the number of Regular Students

The United Arab Republic is now included in Africa: Others

[1]Previously included in Africa: Others

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

1. 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.

2. Students at school in this country may obtain the application form and a copy of the U.C.C.A. handbook, which contains a list of universities and degree courses and instructions on completing the form, from their head teacher. Other students may obtain the form and handbook from the Secretary of the U.C.C.A. The cost, post free, is 27p within the United Kingdom and the Republic of Ireland; 55p within Europe; 80p elsewhere.

3. 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.** An overseas student should normally submit his form to the U.C.C.A. through one of the recognised agencies, such as the Overseas Development Administration or his own country's High Commissioner's Office, Students' Office, Embassy or Consulate General in the United Kingdom. Students from Australia, Canada, New Zealand, South Africa, the Republic of Ireland and the United States of America, and citizens of the U.K. and colonies resident in East Africa should submit their applications direct to the U.C.C.A. 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.**

4. The earliest date at which the U.C.C.A. will receive applications for admission in October 1973 is 1 September 1972. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1972, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1972. 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.

5. Before anyone can be considered for admission to a degree course he must either have satisfied the general requirements of the University of London and any additional requirements for the course for which he is applying, or intend to do so

before the date on which he wishes to be admitted. The entrance requirements for the degree courses conducted by the School are set out briefly on pages 139–140. Full details may be found in the pamphlet *Regulations Relating to University Entrance Requirements* which may be obtained from the Secretary to the University Entrance Requirements Department, University of London, Senate House, Malet Street, London, WC1E 7HU. Intending students are advised to obtain a copy of the regulations and to check that their qualifications are appropriate for the course they wish to follow.

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

7. No person under the age of eighteen years will be admitted as a student without the Director's special permission. Any student who wishes to enter the School before his eighteenth birthday may be asked to write to state his reasons.

8. Candidates will be informed of the result of their applications through the U.C.C.A. Successful candidates will be admitted as regular students of the School on payment of the requisite fees and on presentation of a Statement of Eligibility to enter the University of London. They will receive an admission card, which must be produced at any time on demand.

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

Interviews

Most offers of a place are made without the students' being called for interview, but practice varies from one course to another. However, the School normally invites applicants who have received an offer of a place to come to see its buildings, to meet teachers and to ask questions.

University 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:

(*a*) the general requirements laid down by the University of London for admission to degree courses.

(*b*) the course requirements (if any) for the particular degree course they wish to follow. (See table on pages 139–140.)

Candidates may satisfy the general entrance requirements by:

1. passing the General Certificate of Education examination, or an approved equivalent, in the required number of subjects, i.e.

either (*a*) two at advanced level and three at ordinary level,

or (*b*) three at advanced level and one at ordinary level;

(**Notes:** (i) A Grade 1 pass in a subject taken in the Certificate of Secondary Education is recognised as equivalent to an Ordinary level pass in the G.C.E. examination. (ii) Higher or Lower passes in the Scottish Certificate of Education examination are accepted as equivalent to Ordinary level subjects in the G.C.E. examination. Advanced level equivalence is granted to certain subjects passed in the Certificate of Sixth-year Studies, and passes in certain branches of mathematics in the post-higher syllabus may count as equivalent to Advanced level subjects.)

or 2. graduating in another university;

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 in 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 of a Teacher's Certificate, gained in or after 1960, at a Training College in Scotland or Northern Ireland after a course of study lasting not less than three academic years;

or 6. by other qualifications to be considered by a Special Entrance Board (See below.)

For a list of first degree courses and course requirements see pages 139–140.

A Special Entrance Board will consider applications from holders of the Higher National Diploma or Certificate, or the Ordinary National Diploma or Certificate. Full details will be found in the pamphlet *Regulations Relating to University Entrance Requirements* mentioned in Section 5 on page 136.

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 Foreign and Commonwealth Office (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 the 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:

(*a*) Those who do not hold the relevant British qualifications listed on pages 136–7 but who hold a qualification 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.

(*b*) Students whose mother tongue is not English will be required to give evidence of proficiency in the language before their applications can be considered.

(*c*) Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to

show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £650 a year in addition to the fees. They may also be asked to provide a medical certificate.

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

(*e*) There is further information on pages 150–3 about fees for overseas students.

Course Requirements

Note Besides the general requirements given on pages 136–7 candidates must satisfy the course requirements for the degree they wish to take.

Course and Course Requirements	*Description of Course Page*
B.Sc. Economics	181–96
'O' level pass in Mathematics expected	
LL.B.	230–2
No course requirement	
B.Sc. Degree	
'O' level pass in Mathematics expected for:	
Geography	213–7
Social Anthropology	221–3
Social Psychology	223–5
Sociology	225–8
'A' level pass in Mathematics (or its equivalent if taken under an Examination Board other than London) expected for:	
Mathematics/Philosophy	220–1
Mathematics/Statistics/Computing	217–20
B.Sc. Social Science and Administration	228–30
'O' level pass in Mathematics expected	
B.A. History	233–4
'O' or 'A' level pass in a foreign language, modern or classical, required. 'A' level pass in History and 'O' level pass in another foreign language (modern, if required language is classical) expected	
B.A. Language Studies	235–9
French/Linguistics	
'A' level pass in French and 'O' or 'A' level pass in a second foreign language required	
German/Linguistics	
'A' level pass in German and 'O' or 'A' level pass in a second foreign language required	
Russian/Linguistics	
'A' level pass in Russian required	
B.A. in Two Modern Languages	239
French/Russian	
'A' level pass in French and 'O' or 'A' level pass in Russian required	

French/Spanish

'A' level pass in French and 'O' level pass in Latin required. 'A' level pass in Spanish expected

German/Russian

'O' or 'A' level passes in two languages required, preferably German and Russian

German/Spanish

'O' or 'A' level passes in two languages required, preferably German and Spanish

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 152 and 265).

2. General Course enrolment enables a student to attend lectures and classes and receive tuition at the School for one academic year only.

3. The number of students admitted each year is strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.

4. (*a*) The Adviser to General Course students has general responsibility for the arrangements for students in this category and will address newly-arrived students at the beginning of the year as part of a reception programme.
(*b*) Every student is allocated to a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(*c*) The student may attend most lecture courses and may also join classes.
(*d*) The student has full use of the Library without payment of any additional fee.

5. (*a*) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(*b*) The student may apply to write not more than two examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(*c*) A tutor's confidential report will also be made available, on request, to the student's home university.

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

6. Application forms for General Course registration may be obtained from the Assistant Registrar (Admissions) of the School. Completed applications must reach the School not later than 31 March before the opening of the session for which admission is sought.

Occasional Students

1. Occasional students are entitled to select up to three lecture courses per term from those listed in the Sessional Timetable. They are normally required to enrol for a complete course or for a whole term; registration for single lectures is not permitted. Classes and seminars are not normally open to Occasional students.

The fee for most courses is 50p per hour. Refunds of fees are not normally available.

2. Applicants for admission as Occasional students must normally be in full-time employment.

3. A person seeking admission as an Occasional student should obtain a form of application from the Assistant Registrar (Admissions) of the School and return it at least four weeks before the opening of the term in which he wishes to attend.

4. Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted. Candidates for external degrees of this University may not normally be registered as Occasional students.

5. If the application is accepted the student will, on payment of the fees, receive a card of admission for the courses named thereon and must produce it on demand.

6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.

7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.

8. At the end of his attendance a student will, on request, be given a typed certificate listing the courses for which he has been registered, but this certificate will not include a detailed record of attendance.

University Registration

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

Regulations for Students

Preamble

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

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

Alterations and Additions

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

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

General

4. No student of the School shall:

(*a*) Disrupt teaching, study, research or administrative work, or prevent any member of the School and its staff from carrying on his work, or do any act reasonably likely to cause such disruption or prevention;

(*b*) Damage or deface any property of the School, or do any act reasonably likely to cause such damage or defacing;

(*c*) Use the School premises contrary to the Regulations and Rules, or do any act reasonably likely to cause such use;

(*d*) Engage in any conduct which is, or is reasonably likely to be, clearly detrimental to the School's purposes.

Academic Matters

5. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack

of ability or of industry, including failure in a degree examination or other examination relating to a course, or failure, without adequate reason, to enter for an examination after completing the normal course therefor, or for any other good academic cause.

The Press

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

Public Statements

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

Copyright in Lectures

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

Misconduct

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

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

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

Penalties for Breaches of Regulations

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

Reprimand.
A fine not exceeding £25.
Suspension from any or all of the facilities of the School for a specified period.
Expulsion from the School.

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

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

Reprimand.
A fine not exceeding £25.
Suspension from any or all of the facilities of the School for a period not exceeding six weeks.

Disciplinary Procedures

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

Should the Academic Secretary be satisfied that a *prima facie* case exists, he will refer the complaint to the Director, or to another person authorised by the Director, and the Director or such person shall decide whether the complaint shall be proceeded with, and, if so, whether before a Summary Tribunal or before a Board of Discipline. In deciding whether proceedings shall take place before a Summary Tribunal or a Board of Discipline the Director or the person authorised by him shall have regard to the seriousness of the alleged misconduct. Where the decision is made to proceed the Director or the person authorised by him shall formulate the charge or cause it to be formulated, and convene a Summary Tribunal or Board of Discipline as the case may require.

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

Provided that

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

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

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

Provided that

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

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

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

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

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

20. Subject to Regulation 15, a Summary Tribunal shall consist of two academic members of the Disciplinary Panel and one member of the Student Disciplinary Panel. The Chairman of a Summary Tribunal shall be appointed from the Disciplinary Panel by the person convening the Tribunal. The decision of a Summary Tribunal shall be by a majority. At least seventy-two hours before a Tribunal meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the hearing and of the nature of the breach which he is alleged to have committed. At the hearing of the Summary Tribunal he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Tribunal in his defence. The Summary Tribunal shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

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

22. Subject to Regulation 15, a Board of Discipline shall consist of two members of the Disciplinary Panel who are also lay Governors, two academic members of the Disciplinary Panel, two members of the Student Disciplinary Panel and a Chairman who shall be a practising member of the Bar of at least seven years' standing who is not a member of the School and who shall be appointed in consultation with and subject to the agreement of the Vice-Chancellor of the University of London.

The decision of a Board of Discipline shall be by a majority. At least three weeks before a Board of Discipline meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the meeting and of the nature of the breach which he is alleged to have committed. At the hearing of the Board of Discipline he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Board in his defence. The Board of Discipline shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

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

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

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

Student Members of Rules and Regulations Committee

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

Student Disciplinary Panel

26. The annual selection of members of the Student Disciplinary Panel shall be made by the Academic Secretary in the academic year preceding the year of office, using a random selection process. In making this selection he shall seek the advice of an Appointed Teacher in Statistics of the University. He shall exclude from the selection students whose courses he anticipates will be completed during the year of selection. He shall notify the persons selected and shall ask them to state in writing whether they agree to serve as members of the Panel. If within fourteen days of this notification any of the persons selected has not given this consent, further selections shall be made in like manner until ten persons have been selected

and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons. The President of the Students' Union shall be entitled to appoint a student to observe the conduct of the selection.

Academic Members of Disciplinary Panel

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

Miscellaneous

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

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

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

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

32. Rules and Instructions issued under these Regulations shall be deemed part of the Regulations. All Rules in force immediately before these Regulations come into force shall remain valid and shall be deemed part of these Regulations until they have been amended, altered or cancelled under the provisions of Regulation 3.

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

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

Fees

(The fees stated are those which are applicable to the session 1972–73: they may not be valid thereafter.)

General Notes

1. Composition fees entitle students to:

(*a*) the use of the Library;

(*b*) membership of the Students' Union, and, for students working under intercollegiate arrangements, the use of student common rooms of the other colleges which they attend.

2. Degree composition fees cover lectures, classes and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.[1] They also cover University registration and examination fees except in the case of *part-time* students registered for higher degrees who must pay University registration and examination fees in addition to the School composition fees.

3. Following the decision of the government, announced in December 1966, separate fees are payable by overseas students. The definition of overseas students is given on pages 152–3.

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

5. The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate.[2] Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given. Students who fail to notify the School of their withdrawal before the opening of term will be liable for the fees for that term.

6. Fees should, as far as possible, be paid by cheque and remitted **by post** to the Accounts Department, Room H402.

7. Cheques should be made payable to the "London School of Economics and Political Science" and should be crossed "A/c. Payee".

8. The School does not issue receipts for payments by cheque unless specially requested.

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[1]Composition fees do not include (*a*) the cost of field work or practical work required to be undertaken in vacation or term time, nor (*b*) the costs of a year of residence abroad required of students reading for B.A. degrees in Language Studies.

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

Full-time Students	United Kingdom		Overseas	
	Sessional	Terminal	Sessional	Terminal
All first degrees	£70	£24	£250	£85
M.Sc., M.A., LL.M.				
One-year course or first year of two-year course	£93	£32	£250	£85
Second year	£60	£21	£250	£85
Ph.D., M.Phil.	£79	£27	£250	£85
Research Fee	£60	£21	£250	£85
Continuation Fee	£20	£7	—	—
University Diploma in Social Anthropology	£70	£24	£250	£85
School Diplomas in: Social Administration, Social Work Studies, Statistics	£70	£24	£250	£85
School Diploma in Development Administration	£800	—	£800	—
School Diploma in Personnel Management:				
Twelve-month course	£70	£24	£250	£85
Fifteen-month course	£95	£25	£300	£77
Trade Union Studies	£60	£21	£250	£85
General Course	£100	£34	£250	£85

Part-time Students United Kingdom and Overseas	Sessional	Terminal
Ph.D., M.Phil., M.Sc., M.A., LL.M., Research Fee	£40*	£14*
Continuation Fee	£10*	£4*

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

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

Students Registered with the Graduate School

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

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

(iii) The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate. Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given.

Students who fail to notify the School of their withdrawal before the beginning of the term will be liable for the fees for that term.

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

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

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

M.A., M.Sc., M.Phil. or LL.M.	£25
Ph.D.	£35

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 50p per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £5.

Fees for Re-entry to Examinations for School Diplomas

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

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

Definition of "Overseas Students" for the Purpose of Fees

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

1. Any student who has been ordinarily resident in the U.K. for at least three

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

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

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

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

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

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

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

[2]Higher National Diploma, Diploma in Art and Design and degree courses are examples of higher further education courses.

Scholarships, Studentships, Prizes, Bursaries

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

Information about Local Authority Awards and State Scholarships may be found in the *Handbook of Undergraduate Courses* 1973–74, available from the Registry and the Undergraduate Admissions Office.

Scholarships and Studentships

These awards are arranged in the following categories:

(a) Entrance awards open to those who seek to enter the School to read for a first degree.

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

(c) Graduate awards open to graduates who wish to read for a higher degree at the University of London or to undertake research or advanced study.

(d) Awards open to both undergraduates and graduates:
(i) The S. H. Bailey Scholarship in International Studies (see page 166)
(ii) The Scholarship in International Law (see page 166)

Overseas applicants All the awards offered are open to overseas students, and there are some for which only overseas students may compete. One graduate entrance studentship is offered exclusively to students from overseas, on the basis of record only, and without interview. An interview at the School is, however, an essential part of the selection procedure for all other awards offered by the School and overseas candidates cannot be considered unless they are likely to be in England at the time when the selection is being made.

Entrance Scholarships

1. ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS

A scholarship to the value of £550 a year is offered to students who wish to read for *either* the B.Sc. (Econ.) degree and who propose to offer one of the following special subjects in Part II of the final examination:

Accounting and Finance
Economics, Analytical and Descriptive

Mathematical Economics and Econometrics
Statistics
Computing

or the B.Sc. degree: Main Field Mathematics.

A small number of awards of £100 may also be made.
The closing date for receipt of applications is 30 November.

2. LEVERHULME ADULT SCHOLARSHIP

This scholarship of the value of £100 a year is offered to candidates of not less than 23 years of age who intend to read for one of the first degrees in the social sciences. The closing date for receipt of applications is 15 December.

Detailed regulations for these scholarships and application forms may be obtained from the Senior Assistant Registrar.

3. CHRISTIE EXHIBITION

This exhibition of the value of £40 is offered every other year to students reading for a diploma in the department of Social Science and Administration.

4. THE DELIA ASHWORTH SCHOLARSHIP

The Delia Ashworth Scholarship, founded under the will of Miss Mary Isabel Ashworth, may be offered from time to time to enable the holder to follow a diploma course in the department of Social Science and Administration. The value is expected to be about £90 a year.

Note Further information about the awards at 3 and 4 and the Loch Exhibitions awarded by the University of London may be seen in the pamphlet *Department of Social Science and Administration.*

Scholarships for Undergraduates

Provided that candidates of sufficient merit present themselves the School will award annually eight scholarships to students whose work in their first year shows outstanding merit. Seven of the scholarships are of the value of £100 a year, namely four C.S. Mactaggart Scholarships and three School Undergraduate Scholarships. The eighth, namely the Chartered Institute of Secretaries and Administrators Scholarship, is open only to students reading for the B.Sc. (Econ.) and LL.B. degrees and is of the value of £50 a year.

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

(*a*) B.Sc. (Econ.): Four C.S. Mactaggart Scholarships

(*b*) LL.B. degree
B.Sc. in following Main Fields:
Geography
Mathematics
Mathematics and Philosophy
Social Anthropology
Social Psychology
Sociology
B.A. degree with Honours in History
First degrees in the department of Language Studies
B.Sc. degree in Social Science and Administration
} Three School Undergraduate Scholarships

(*c*) B.Sc. (Econ.) and LL.B. degrees: The Chartered Institute of Secretaries and Administrators Scholarship

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

(i) They shall be open to registered students of the School who have completed not less than one year of a first degree course at the School.

(ii) Awards shall be made only if there are candidates of sufficient merit.

(iii) The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon the high standard of progress required of a School scholar.

(iv) Students who have completed one year of a degree course will be considered automatically. Selected candidates may be required to attend for interview at the beginning of the Michaelmas term of their second year.

HAROLD LASKI SCHOLARSHIP

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

The value of the scholarship will be the income of the fund for the preceding year and will normally be about £50.

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

LILIAN KNOWLES SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £45.

The regulations for this scholarship are:

(*a*) It shall be awarded on the results of Part I of the B.Sc. (Econ.) examination to

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

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

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

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

BRYCE MEMORIAL SCHOLARSHIP

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

The conditions for this scholarship are:

1. Candidates must be internal students of the University.

2. Candidates must have completed the first year of a course as internal students of the University, and must be about to commence the second year of a course leading to the B.A. degree in History or to the LL.B. degree.

3. The scholarship will be tenable for one year.

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

CLOTHWORKERS' COMPANY'S EXHIBITIONS

The Clothworkers' Company has established two annual exhibitions of the value of about £40 a year.

The conditions for these exhibitions are:

1. The exhibitions are restricted to internal students (men), who must be prepared to take an honours degree and/or to take Holy Orders in the Church of England. Preference will be given to applicants intending to take Holy Orders, but the exhibitions are open to any candidate who is proceeding to an honours degree. (Candidates for the LL.B. degree must have passed the Intermediate examination in Laws.)

2. The exhibitions will be tenable for one or two years.

3. They will be available during the second and third years of the degree course.

4. Applicants' financial circumstances may be taken into account.

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

METCALFE SCHOLARSHIP

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

The conditions for this scholarship are:

1. Candidates must be women students who have passed the examination for Part I of the B.Sc. (Econ.) degree.

2. The successful candidate will be required to work as a full-time student of the School for the B.Sc. (Econ.) degree.

3. The scholarship will be tenable for one year.

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

STERN SCHOLARSHIPS IN COMMERCE

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

The conditions for these scholarships are:

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

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

GRAHAM WALLAS MEMORIAL SCHOLARSHIP

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

The conditions for this scholarship are:

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

2. The scholarship will be tenable in the first instance for one year, but may be renewed on application.

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

Graduate Studentships

The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. Competition for the studentships is keen and students from overseas should not come to the School in the expectation of securing an award. They should have sufficient resources to maintain themselves during their course of study.

GRADUATE STUDENTSHIPS IN ECONOMICS[1]

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

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with first or good second class honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.

2. Each studentship shall be tenable for one year in the first instance, but may in a limited number of cases be extended for not more than two further years.

3. Each studentship shall be of the value of £750 a year in the first year, together with all appropriate fees. The value of the studentship may be increased if it is renewed for a second or third year.

4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study or undertake approved research.

5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

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

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

STUDENTSHIPS IN THE ECONOMICS, ECONOMIC GEOGRAPHY OR ECONOMIC HISTORY OF LATIN AMERICA

One or more studentships will be offered for full-time advanced study in the Economics, Economic Geography or Economic History of Latin America.

The regulations for these studentships are:

1. The studentships shall be open to men and women graduates with good Honours degrees in Economics, in relevant aspects of Geography, History or Economic History, or to those who, before October in the year of the award, obtain such degrees.

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

2. Studentships shall be tenable for one year in the first instance, but may be extended for not more than two further years.

3. Studentships shall be of the value of £750 a year, together with all appropriate fees. The cost of any travel in Latin America approved by the Director may also be provided.

4. Holders of these studentships shall be required to register at the School as full-time students and to undertake research in the Economics, Economic Geography or Economic History of Latin America, or advanced work preparatory to such research. Programmes of work will require the approval of the Director.

5. Holders of these studentships shall undertake no paid employment without the permission of the Director and, whenever this is given, appropriate deductions will normally be made from the value of the studentships in any case where the total income from all other sources exceeds £250 per annum.

Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should indicate in outline his proposed scheme of research or course of study unless this information has already been sent to the School. He should give the names of two referees.

Applications should be received by 1 June for awards tenable from the following October and should be addressed to the Secretary of the Graduate School.

GRADUATE STUDENTSHIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.

2. Each studentship shall be of the value of £525 together with tuition fees in the first year; £550 together with tuition fees if renewed.

3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.

4. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

5. Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.

6. Awards shall be made only if there are candidates of sufficient merit.

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

LEVERHULME RESEARCH STUDENTSHIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.

2. Each studentship shall be of the value of £525 a year together with tuition fees.

3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.

4. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

5. Each studentship shall be tenable for one year only.

6. Awards shall be made only if there are candidates of sufficient merit.

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

LEVERHULME GRADUATE ENTRANCE STUDENTSHIP FOR OVERSEAS STUDENTS

One Graduate Studentship for overseas students may be offered annually for graduate work in the social sciences.

The regulations for this studentship are:

1. It shall be open to men and women who are graduates of an overseas university or who expect to become graduates of such a university before October in the year of award.

2. No person who is or who has been a student of the School shall normally be eligible.

3. The studentship shall be of the value of £775 a year in the first year; £800 if renewed.

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

5. The holder of the studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

6. The studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.

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

Applications should be made by letter, which should reach the Secretary of the Graduate School by 30 April. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work either published or in typescript, in support of their application unless this information has already been sent to the School. They should give the names of two persons whom they should ask to write direct to the Secretary of the Graduate School to report on their suitability for the award. Candidates are responsible for seeing that these letters are sent in support of their application.

LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEAS STUDENTS

A Graduate Studentship will be offered annually to enable an overseas student to continue with full-time graduate work at the School leading to a higher degree of the University of London.

The regulations for this studentship are:

1. The award shall be restricted to students who are not graduates of the University of London and who have been registered at the School as graduate students throughout the session previous to that in which they wish to hold the award.

2. The studentship shall be of the value of £775 a year.

3. The successful candidate shall be required to continue as a full-time graduate student of the School.

4. The holder of the studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

5. The award shall be tenable for one year only.

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

An announcement concerning the award will appear on the scholarships notice-board in the School at the beginning of the Summer term. Applications must be made by letter addressed to the Secretary of the Graduate School.

THE JACKSON LEWIS SCHOLARSHIP

The Jackson Lewis Scholarship, founded under the will of Mr. H. L. Jackson, a former student, will be offered every other year to enable the holder to undertake graduate work in the social sciences.

The regulations for this scholarship are:

1. It shall be open to graduates of any university.

2. The scholarship shall be of the value of at least £400 a year.

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

4. Subject to satisfactory progress the scholarship shall normally be tenable for two years.

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

Applications should be made by letter addressed to the Secretary of the Graduate School by 1 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application. They should also submit the names of two referees.

MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

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

The regulations for these studentships are:

1. The awards shall be open to graduates in the Humanities or the Social Sciences of any university.

2. Applicants need not necessarily have any formal grounding in any particular branch of International Studies.

3. In awarding the studentships the School shall have regard to the desire of those who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.

4. The awards shall be tenable for up to two years.

5. In exceptional circumstances, the School may grant a maintenance allowance to the holder of one of these studentships.

6. In the case of a studentship with a maintenance grant, the holder shall undertake no paid employment without the permission of the Director; appropriate deductions will normally be made from the value of the award in any case where the total income from all other sources exceeds £250 per annum.

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

NOEL BUXTON STUDENTSHIP IN INTERNATIONAL RELATIONS

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

The regulations for the studentship are:

1. It shall be open to men and women who are graduates of a university.

2. The field for research or study shall be any subject calculated to promote the

better understanding of the problems of international peace and security (including disarmament). Some preference, however, may be given to subjects associated with one or other of the more urgent international problems of the day.

3. The holder of the studentship shall be required to follow an approved course of study or research in the field defined in regulation 2, whether leading to a higher degree or not.

4. The value of each studentship shall not exceed £1,250 a year. It shall normally be held for a period of not less than two years at a time.

5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

Applications for the studentship, which should be in writing, must give full particulars of the applicant's career and of his interest in the relevant field of study and must be received by the Secretary of the Graduate School by 31 March in the year of the award. The names of two referees should be given.

(In exceptional circumstances applications may be considered from candidates who expect to graduate before October in the year of award.)

HUTCHINS STUDENTSHIP FOR WOMEN

A studentship for women students will be offered for award every fourth year. Its value will be the income of the Hutchins Fund for the four preceding years and will normally be about £500. It is intended to promote the execution of definite pieces of original work preferably in Economic History, or if no suitable candidate is forthcoming in that field, in some branch of the social sciences. The next studentship may be offered in 1974.

The regulations for this studentship are:

1. The studentship shall be open to women students who are graduates or who possess the necessary qualifications to undertake research.

2. The subject of research shall be approved by the Director of the School.

3. Each holder of the studentship shall be required to register as a full-time student of the School and shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

4. The studentship shall be tenable for one year only.

5. The studentship shall be awarded only if there is a candidate of sufficient merit. If there is no such candidate, the studentship shall be offered for award in the next following session; but this shall not affect the value of the studentship awarded on that occasion or the date of the next regular offer.

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

EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in social and economic history, founded by the friends of the late Professor Eileen Power, will be awarded every second or fourth year until further notice. The studentship, which is designed for students of graduate standing, may next be offered for award in 1973. It is not conditional upon registration for a higher degree. The studentship is of the value of at least £750, and is tenable with other emoluments. In years in which the full studentship is not awarded, applications for grants may be considered.

The regulations for this studentship are:

1. The student shall be elected by a selection committee appointed by the Committee of Management.

2. The studentship shall be open equally to men and women.

3. The studentship shall be tenable from October of the year of award for one year.

4. Candidates for the studentship must submit with their applications full particulars of their qualifications, the names of two referees and a brief scheme of study of some subject in social or economic history which might include the study of the economic or social history of some country other than the country of their usual residence.

5. If a student registered at the School holds this studentship he shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

When the studentship has been advertised application should be made by letter addressed to the Secretary of the Graduate School. There are no special application forms.

REES JEFFREYS STUDENTSHIP IN TRANSPORT

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

The regulations for this studentship are as follows:

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

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

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

4. The value of the studentship shall not exceed £1,000 a year.

5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the

value of the studentship in any case where the total income from all other sources exceeds £250 per annum.

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

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

ROSEBERY STUDENTSHIP

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

A Rosebery Studentship of the value of £100 a year will be offered for award by the School for graduate work in the social sciences. Preference will be given to candidates including some aspect of transport in their studies.

The regulations for this studentship are:

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

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

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

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

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

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

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

These two scholarships are offered for award annually and are each of the value of £50. They are open to men and women who are regular students and who, as internal students of the University of London, are registered for first or higher degrees at the School. They are intended to enable the successful students to attend a session at the Academy of International Law at The Hague, or, in the case of the S. H. Bailey Scholarship, to attend any other institute of international study or to gain experience of some suitable international organization on a plan to be approved by the Director. They will be awarded only if there are candidates of sufficient merit, and candidates should make a written application to the Senior Assistant Registrar before 1 May in the year of award.

STATE STUDENTSHIPS

The Department of Education and Science offers Major State Studentships and State Studentships for research or advanced study in the Humanities.[1] The awards are open to graduates of British universities or students of such universities expecting to graduate; or to holders of a degree of the Council for National Academic Awards or students expecting to obtain such a degree. Candidates who are proceeding to graduate studies immediately after undergraduate studies, must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the undergraduate studies.[2] They have at present a maximum value for at least 44 weeks' full-time study in a year of £650 (£500 if the student lives at home or £425 for a married woman student who is living in the matrimonial home and whose husband is not a full-time student), plus tuition and examination fees. The maintenance grant will be awarded without reference to the income of the student's parents.

The awards are made by the Department of Education and Science each summer on the basis of recommendations made by British universities during the Lent term. Students of the School who wish to undertake graduate work with the aid of State studentships of either kind should apply to the Senior Assistant Registrar by a date in the Lent term which will be announced on the scholarships notice-board in the main entrance hall of the School. Every student seeking nomination must be supported by two sponsors, normally members of the teaching staff.

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

SOCIAL SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

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

Accountancy
Anthropology
Demography
Economics
Econometrics
Economic and Social History
[3]Human Geography
Industrial Relations
International Relations
Political Science
Regional Planning
Social Psychology
[4]Social Administration
Sociology
Social Statistics

Generally, applicants for S.S.R.C. Studentships or their parents must have been ordinarily resident in Great Britain for at least three years immediately preceding

[1]Students wishing to do graduate work at the School in History (excluding Economic and Social History), Language Studies, Law or Philosophy should apply for a State, or Major State Studentship.
[2]In other cases, students must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the graduate studies, ignoring for this purpose any period spent on the undergraduate studies.
[3]Excluding Cartography and Physical Geography.
[4]Excluding Option B.

the start of postgraduate studies, hold a second class (upper division) honours degree and be under 27 years of age on 1 October in the year of application. If neither parent has been so resident, the three-year period must exclude any period of full-time education. Non-British subjects must also be graduates of a university in the United Kingdom. Candidates must be nominated for an award by the authority of the college at which the award is to be held.

SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Science Research Council includes the following subjects among those it recognises for its Advanced Course and Research Studentships:

Operational Research
Statistics

Generally, applicants for S.R.C. Studentships should be citizens of the United Kingdom or Colonies, or Commonwealth citizens who are normally resident in Great Britain and whose parents are normally resident in Great Britain. They should hold a good second class honours degree and be under 27 years of age on 1 October in the year of application.

The School will be given quotas of awards at the end of April or the beginning of May and will then be able to put forward applications to both these bodies for consideration. Confirmation of the awards will not be given by the S.S.R.C. or the S.R.C. until the degree results are known. Students who would like to obtain one of these studentships should state that they wish to do so when applying to the Secretary of the Graduate School for admission.

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

METCALFE STUDENTSHIP

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

The conditions of eligibility and award for this studentship are:

1. The studentship is tenable at the School and is open to any woman who has graduated in any university of the United Kingdom.

2. The successful candidate will be required to register as a student of the School and undertake research in some social, economic or industrial problem to be approved by the University. Preference will be given to a student who proposes to study a problem bearing on the welfare of women.

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

Applications must be received not later than 24 May in the year of award, by the Secretary of the Scholarships Committee, University of London, WC1E 7HU, from whom further particulars and application forms may be obtained.

LEON FELLOWSHIP

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

2. The following provisions are fundamental in the management of the fund:
(*a*) No qualifications or conditions of religious, political or economic opinions, party or creed, or of race or nationality, sex or marriage shall be attached to the grant or holding of any studentship or fellowship or the receipt of any grant or stipend.
(*b*) No part of the income of the Trust fund shall be applied in payment of the costs of the printing and publication of reports and such like matters (other than such reports or accounts as are hereby expressly provided for and the reports or treatises of any holder of any studentship or fellowship or recipient of any grant or stipend).
(*c*) The benefits of the Trust fund shall be open equally to men and women without limit of age whether or not they are members or graduates of any university and shall not be confined to residents within the Administrative County of London or within the appointed radius of the University.

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

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

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

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

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

8. The amount of the fellowship will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be

paid in advance) being payable only on receipt by the Committee of evidence that the holder of the fellowship is satisfactorily pursuing his research.

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

10. Applications must be received by the Principal of the University on or before 1 February in the year of the award.

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

INSTITUTE OF COMMONWEALTH STUDIES JUNIOR RESEARCH FELLOWSHIPS

1. The Institute offers the Henry Charles Chapman Junior Research Fellowship and the Dame Lillian Penson Junior Research Fellowship in Commonwealth Studies for research relating to the history, or to the contemporary social, economic, or political problems of the Commonwealth or any overseas part of it.

2. The annual value of the Junior Research Fellowships will be in the range £650-£850. In addition, University of London tuition fees may in some cases be paid where these fees have not otherwise been provided for.

3. The fellowships will normally be awarded to full-time students registered for a research degree who, at the time they take up the fellowship, will be in at least the second year of their research. Each fellowship will be tenable for one year, with the possibility of renewal for a second year.

4. Applications (five copies) on the prescribed form, should reach the Assistant Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, WC1B 5DS, not later than 10 February.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

(I) A number of Postgraduate Studentships of £650 a year, plus tuition and registration fees and, under certain conditions, payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis, will be awarded annually by the University provided candidates of sufficient merit present themselves. The conditions of award and eligibility for these studentships are:

1. Candidates must be internal or external graduates of the University, in any faculty.

2. Candidates must have taken their first degree not more than three years prior to the date of the award.

3. The studentships are tenable for one year or for two years in the first instance.

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

(II) The University also offers a number (approximately fifteen in 1972) of studentships available for award in any subject as follows:

1. The studentships are open to internal and external students who obtain first class honours at their final examinations for Bachelor's degrees, and who are either ineligible for, or, for special reasons are not candidates for awards under the national schemes. In special circumstances other candidates of special distinction may be considered.

2. Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research.

3. The holders of the studentships will normally be required to carry out their work in a school or institute of the University.

4. The studentships are tenable from the beginning of the session immediately following the final Bachelor's degree examinations and extend for one or two years in the first instance.

5. The value of the studentships is £625 in the first year and £650 in the second and subsequent years plus tuition and registration fees and, under certain conditions, payment of a grant of £25 for approved initial research expenses, and the payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis.

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

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

WILLIAM LINCOLN SHELLEY STUDENTSHIP

The William Lincoln Shelley Studentship founded under the will of Mr. William Lincoln Shelley, will be awarded from time to time to a graduate of the University of London for research in any subject. Until further notice the value of the studentship will be £275 a year plus a grant of £375.

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

UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

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

The conditions of eligibility for these studentships are:

1. Candidates must be internal or external graduates of the University, in any faculty.

2. Candidates must not have completed their 28th year on or before 1 June in the year of award.

3. Successful candidates must spend the year of tenure abroad and must submit a scheme of work for the approval of the University.

4. The value of the studentships will be fixed in relation to the estimated expenses of the successful candidates.

5. The studentships will be tenable for one year.

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

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

DERBY STUDENTSHIP

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

GERSTENBERG STUDENTSHIP

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

RESEARCH FELLOWSHIPS IN HISTORY

(These regulations are under review.)

1. The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, WC1E 7HU. The fellowships will be of an annual value of £700, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £700 a year. In addition, tuition fees in the University of London, incurred by the holders of fellowships for their approved programmes of work, may be defrayed by the University, where these fees have not otherwise been provided for.

2. The fellowships will be awarded to graduates in History of any university. In respect of half of those available preference will be given to graduates in History of the University of London.

3. The fellowships will normally be awarded to postgraduates of at least two years' standing. They will be tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Institute of Historical Research Committee.

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

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

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

7. The amounts of the fellowships will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the University of satisfactory reports on the holder's progress and conduct.

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

MADGE WALEY JOSEPH SCHOLARSHIP

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

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

CENTRAL RESEARCH FUND

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

Further information may be obtained from the Deputy Academic Registrar, University of London, WC1E 7HU.

AWARDS FOR STUDY IN THE U.K. AND ABROAD

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

Prizes

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

Allyn Young Prize

In memory of the late Professor Allyn Young, a prize in books will be awarded annually to a student who has passed Part I of the B.Sc. (Econ.) examination, for the best performance in two papers one of which must be taken from the following papers in Group I: (a) Economics A; (b) Economics B; (c) Introduction to Mathematical Economics; and the other from the following papers in Group III: (a) Elements of Statistical Methods; (b) Elementary Statistical Theory; (c) Quantitative Methods for Economists. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £8.50. It will be awarded only if there is a suitable candidate.

Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £22, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject of Law of Contract in the College Intermediate examination in Laws. This prize commemorates the work of Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

Raynes Undergraduate Prize

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually in July to the student of the School who obtains the best marks in Part II of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award, and will normally be about £20·50.

William Farr Prize

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £10. It will be awarded for proficiency and merit in the special subject of Statistics or Computing[1] at Part II of the final B.Sc. (Econ.) examination, the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London.

The Gonner Prize

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value

[1]Students who are offering the special subject Computing will be eligible for the award if they offer the paper Probability and Distribution Theory.

of the prize will be the income of the fund for the year preceding the award and will normally be about £8·50. It will be awarded to the student who shows conspicuous merit in the special subject of Economics, Analytical and Descriptive, or Mathematical Economics and Econometrics, or Monetary Economics, or Industry and Trade, or International Trade and Development, or Economic Institutions and Planning in Part II of the B.Sc. (Econ.) degree final examination. The prize will be given in books, and is restricted to registered students of the School who have pursued a course of study at the School as internal students of the University. It will be awarded only if there is a suitable candidate.

The George and Hilda Ormsby Prizes

Through the generosity of Dr. Hilda Ormsby the School offers annually two prizes open to students reading for first degrees in the department of Geography as internal students of the University of London.

One prize, to the value of £20, will be awarded to the candidate whose performance is judged the best either in the B.Sc. (Econ.) Part II examination with Geography as the special subject or in the examination for the B.Sc. degree main field Geography.

Another prize, to the value of £30, will be awarded for the best piece of original work submitted by a student in the department of Geography during his undergraduate course. Students will be allowed to submit, for example, work completed for the independent geographical study offered as part of the honours course, original field work, work published in *Horizon* or elsewhere, or other original geographical work completed during the undergraduate course.

S. W. Wooldridge Memorial Awards

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

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

Geoids Book Prize in Memory of S. W. Wooldridge

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

Premchand Prize

A prize of about £27·50 awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics at Part II of the final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School whose course of study has been pursued as internal students of the University. It will be awarded only if there is a suitable candidate.

The Arthur Andersen Prize in Accounting

A prize of the value of about £15 in books is offered annually to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree in the special subject of Accounting and Finance, is judged by the staff of the School who are examiners in that special subject to be the best of his year in the papers in Accounting. This prize will be awarded only if a candidate of sufficient merit presents himself.

The Bassett Memorial Prizes

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £15 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government as his special subject, is judged to be the best of his year; special consideration will be given to conspicuous merit in the paper or papers relating to the government of Great Britain; (ii) a prize of books to the value of £8 to the Trade Union student who is judged to have achieved the best performance of his year in Trade Union Studies.

Hobhouse Memorial Prize

A prize of about £10 in books is offered annually in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907–1929. The prize will be awarded to a student who shows conspicuous merit in the final examination for the B.A. degree with Honours in Sociology, Branch I, B.Sc. (Sociology) degree, Branch I, or the B.Sc. (Econ.) with Sociology in Part II of the final examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

The Free Press Prize

Through the generosity of the Free Press of Glencoe, a prize of about £25 in books is offered annually to a student who shows conspicuous merit in the subject of Sociology. The prize will be awarded on the basis of performance in the final examination for the B.A. degree with Honours in Sociology, Branch I, the B.Sc. (Sociology) degree, Branch I, or the B.Sc. (Econ.) degree with Sociology in Part II of the final examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

Mostyn Lloyd Memorial Prize

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of about £17 in memory of the late Mr. Mostyn Lloyd, who was head of the department of Social Science from 1922 until 1944. Through the generosity of Mrs. Lloyd the prize in recent years has amounted to £20. It is awarded by the Director, on the recommendation of the convener of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

The Janet Beveridge Award

A prize of about £38·50 in books is offered annually by the Trustees of the Janet Beveridge Memorial Fund. The prize will be awarded to a regular student of the School who, being an internal student of the University, achieves conspicuous merit in the final examination for the B.A. Honours degree in Sociology, Branch III, or the B.Sc. (Sociology) degree, Branch III. The award will be made only if there is a suitable candidate.

Gladstone Memorial Prize

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

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

Rosebery Prizes

The School offers for award annually two prizes, one of the value of £20 and one of the value of £10, for an essay on an approved subject in the Social Sciences including Transport.

All students of the School reading for a first degree may compete. The subjects are announced in the Michaelmas term of each session and essays, of not more than 3,000 words in length, should be sent to the Senior Assistant Registrar by 31 May. An award will normally be made in June of each year.

The Director's Essay Prize

A prize in books of the value of £10 is offered for award annually by the Director for the best essay written by an undergraduate student reading for a first degree, or for the Diploma in Social Administration for non-graduates. The essay should not exceed 3,000 words. Subjects approved by the Director will be announced during the Michaelmas term and essays should normally be submitted by 1 May.

Bowley Prize

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

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

It will be open to present or past regular students of the School who have been registered for a period of at least two years and, if graduates, are within ten years of their first graduation at any university. The prize will be offered for written work in the field of economic or social statistics completed within four years prior to 1 January 1975. It will be awarded only if an adequate standard of excellence is attained.

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

Candidates wishing to submit work for consideration by the Committee should send it to the Senior Assistant Registrar by 1 January 1975.

The Firth Award

A prize to the value of about £20·50 will be offered annually to graduate students in the department of Anthropology for the best paper of the year contributed to any seminar in the department. The award will be made by the Director on the recommendation of the convener and senior members of the department.

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

Ely Devons Prizes

Two prizes, each of the value of about £20, will be offered annually in memory of the late Professor Ely Devons. One prize will be awarded to the regular student of the School who, as a candidate for the M.Sc. degree in Economics, is judged to be the best of his year; the other to the best candidate for the M.Sc. degree in Econometrics and Mathematical Economics. The awards will be made only if there are suitable candidates.

The Gourgey Essay Prize

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of about £1·50 will be offered for award annually to students attending the course in Trade Union Studies. It will be awarded to the student who, in the opinion of his teachers, submits the best project report during the Lent term of each academic year. An award will be made only if there is a candidate of sufficient merit.

Bursaries

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

The regulations for these bursaries are:

1. Bursaries may normally be awarded only to students who have completed at least one year of their course at the School, who can demonstrate financial need and whose academic record shows merit.

2. They shall not be awarded for longer than one year in the first instance.

3. The bursary holder shall follow a course of study or research approved by the Director.

4. Applications must be accompanied by

(*a*) a full statement of the candidate's financial position, showing clearly why he is unable to pursue his studies without financial assistance

and

(*b*) a letter of recommendation from his tutor.

5. Applications should be made on the prescribed form obtainable from:
the Senior Assistant Registrar, by students reading for first degrees and diplomas;
the Secretary of the Graduate School, by students following a course for advanced study or research.

First Degree Courses

General Information

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

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

Bachelor of Science in Economics
B.Sc. Degree in the Faculty of Economics, with Main Fields in:
Geography[1],
Mathematics,
Mathematics and Philosophy,
Social Anthropology,
Social Psychology,
Sociology
Bachelor of Arts in History
Bachelor of Arts in Language Studies
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.

The approved course of study for a first degree extends over not less than three years[2].

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.

[1]Geography is formally within the Faculty of Science, but it is included here for convenience. With effect from 1973-74 candidates will be admitted to the Faculty of Economics.

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

Degree of Bachelor of Science in Economics: Revised Regulations

(For candidates registering in and after October 1972)

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 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 required to pass Part I before he enters for Part II.

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

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

Part I

The examination for Part I consists of four papers to be chosen from at least three of the following groups; at least one paper must be from groups I to III and at least one from groups IV to VI. 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	21
	or (*b*) Economics B	22
	or (*c*) Introduction to Mathematical Economics	24

		Lectures, Classes and Seminars
II	(*a*) Basic Mathematics	900
	or (*b*) Algebra and Methods of Analysis	902–3
	(*c*) Introduction to Analysis and Set Theory	904
III	(*a*) Elements of Statistical Methods	917–8
	or (*b*) Elementary Statistical Theory	921
	or (*c*) Quantitative Methods for Economists	23, 917
	(*d*) Introduction to Logic	491
	(*e*) Introduction to Scientific Method	485–7
	(*f*) Theory and Techniques of Spatial Analysis	183
IV	(*a*) British Government: An Introduction to Politics	525
	(*b*) English Legal Institutions	442
	(*c*) The Structure of International Society	580
	(*d*) International Law	449
V	(*a*) Social and Economic History of W. Europe, 1300-1700	269
	or (*b*) Introduction to Modern English Economic History	262
	or (*c*) The Economic History of Great Britain and the U.S.A. 1850-1939	260
	(*d*) Political History, 1789-1941	288
	or (*e*) World History since 1890	289
	or (*f*) The History of European Ideas since 1700	290
VI	(*a*) Introduction to Sociology	830
	(*b*) Introduction to Psychology	695 (i)
	(*c*) Principles of Social Anthropology	640
	(*d*) Human Geography	182

As a special arrangement, for the sessions 1972-73 and 1973-74 students with appropriate qualifications who intend to read either Mathematical Economics and Econometrics, or Statistics, or Computing in Part II may be exempted by the School from the requirement to select a subject from groups IV to VI.

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

French German Russian Spanish

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

subject will normally not be permitted to continue his course until he has passed in that subject.

Part II

Part II of the examination consists of eight papers as prescribed for each special subject[1]. At least two of the eight will be on subjects taught outside the department responsible for the special subject.

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.

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

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

Special Subjects

The papers prescribed for each special subject are as follows:

I. Economics, Analytical and Descriptive

*1. *Either* (*a*) Economic Principles
or (*b*) Principles of Economics Treated Mathematically

[1] I Economics, Analytical and Descriptive II Mathematical Economics and Econometrics III Monetary Economics IV Industry and Trade V International Trade and Development VI Economic Institutions and Planning VII Accounting and Finance VIII Economic History IX Government X Sociology XI Statistics XII Computing XIII International Relations XIV Social Anthropology XV International History XVI Geography XVII Philosophy
*May be examined at end of first year of Part II course.

2. *Either* (*a*) Problems of Applied Economics
   or (*b*) Economics Treated Econometrically

3. Advanced Economic Analysis

4. Public Finance

5 and 6. *Two* of the following:

*(*a*) History of Economic Thought
*(*b*) Labour Economics
*(*c*) Economics of Industry
*(*d*) Econometric Methods
(*e*) International Economics
(*f*) Principles of Monetary Economics
(*g*) Economic Development
(*h*) Planning
*(*i*) An approved paper taught outside the department of Economics

*7. *Either* (*a*) Economic Statistics
   or (*b*) An approved paper taught outside the department of Economics (*if Econometric Methods is being offered*)

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

II. Mathematical Economics and Econometrics

Either

1. (*a*) Principles of Economics Treated Mathematically

2. (*a*) *Either* (i) Advanced Economic Analysis
   or (ii) Public Finance

Or

1. (*b*) Mathematical Economics I (*if Introduction to Mathematical Economics has been taken at Part I*)

2. (*b*) Mathematical Economics II

Either

*3. (*a*) Econometric Methods

4. (*a*) Economics Treated Econometrically

Or

*3. (*b*) Econometrics I

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

4. (*b*) Econometrics II
   (*Candidates choosing Econometrics I and II must choose Probability and Distribution Theory under* 5 and 6 (*b*), 7 (*b*) (iv) *or* 8)

5 and 6. *Two* of the following (*if not taken elsewhere, of which at least one must be chosen from* (*h*)-(*p*) *except with the permission of the candidate's teachers*)

*(*a*) Mathematics A (*to be taken by all students offering* 7(*a*) *and not by others*)
(*b*) Probability and Distribution Theory
(*c*) Operational Research Methods
(*d*) Theory of Statistical Methods (*only if taking* 4(*b*))
(*e*) Social Statistics and Survey Methodology
(*f*) Mathematical Logic
(*g*) Numerical Methods
(*h*) Public Finance
(*i*) International Economics
(*j*) Principles of Monetary Economics
(*k*) Labour Economics
(*l*) Economics of Industry
(*m*) Development Economics
(*n*) Planning
(*o*) History of Economic Thought
(*p*) Subject to the School's approval, an essay (normally not to exceed 5,000 words) to be written during the course of study on an approved subject (to be presented not later than 1 April in the candidate's third academic year)

7. *Either*
   (*a*) In the case of candidates presenting 1(*a*) and 3(*a*) in Part II, *an approved paper taught outside the department of Economics (*Candidates who did not take Elementary Statistical Theory at Part I should offer this paper here*)

Or

   (*b*) *Either* *(i) Mathematics B
   or (ii) Introduction to Analysis and Set Theory (*unless taken at Part I*)
   or In the case of candidates who have taken Introduction to Analysis and Set Theory at Part I:
   Either (iii) Real Variable
   or *(iv) An approved paper taught outside the department of Economics

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

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

III. Monetary Economics

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

*1. *Either* (*a*) Economic Principles
or (*b*) Principles of Economics Treated Mathematically

*2. Applied Economics

3. Principles of Monetary Economics

4. Monetary Institutions

5. Problems of Applied Economics

6. *One* of the following:
(*a*) Advanced Economic Analysis
(*b*) Public Finance
(*c*) International Economics
(*d*) History of Economic Thought
(*e*) Labour Economics
(*f*) Economics of Industry
(*g*) Economic Development
(*h*) An approved paper listed under 7 below

7. *One* of the following (*unless already taken*):
*(*a*) Basic Mathematics (*unless taken at Part I*)
*(*b*) Mathematics A
*(*c*) Mathematics B
*(*d*) Introduction to Analysis and Set Theory (*unless taken at Part I*)
*(*e*) Economic Statistics
(*f*) Accounting—Management and Economic Aspects
*(*g*) Elementary Statistical Theory (*unless taken at Part I*)

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

IV. Industry and Trade

Note Economic Statistics must be taken under 5, 6, 7 or 8.

*1. *Either* (*a*) Economic Principles
or (*b*) Principles of Economics Treated Mathematically

*2. Economics of Industry

3. Problems of Applied Economics

4. Theory of Business Decisions

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

5 and 6. *Two* of the following:
(*a*) Advanced Economic Analysis
(*b*) History of Economic Thought
(*c*) Labour Economics
(*d*) International Economics
(*e*) Monetary Institutions
(*f*) Public Finance
(*g*) Economic Development
(*h*) Economics of Commodity Distribution
(*i*) Elements of Labour Law
(*j*) Commercial Law
(*k*) Accounting—Management and Economic Aspects
(*l*) Elementary Statistical Theory (*unless taken at Part I*)
(*m*) An essay of not more than 10,000 words on an approved subject (to be presented not later than 1 April in the candidate's third academic year)
*(*n*) An approved paper taught outside the department of Economics

*7. *One* of the following (*unless already taken*):
(*a*) Mathematics A
(*b*) Mathematics B
(*c*) Elementary Statistical Theory
(*d*) Elements of Management Mathematics
(*e*) Economic Statistics

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

V. International Trade and Development

*1. Economic Principles

2. Problems of Applied Economics

3. International Economics

4. Economic Development

*5. *Either* (*a*) Industrialisation and the International Economy since 1830
or (*b*) A Comparative Study of Modern Economic Development in Russia, Japan and India

*6. *One* of the following:
(*a*) Mathematics A

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

(*b*) Mathematics B
(*c*) Elementary Statistical Theory (*unless taken at Part I*)
(*d*) Economic Statistics
(*e*) Applied Economics

7. *One* of the following (*unless already taken*):
(*a*) Industrialisation and the International Economy since 1830
(*b*) A Comparative Study of Modern Economic Development in Russia, Japan and India
(*c*) Economic History of England 1216-1603
(*d*) Economic History of England 1603-1830
(*e*) Economic History of England from 1815
(*f*) Economic History of Western Europe from 1815
(*g*) Economic History of the United States of America from 1783
(*h*) Economic History of Latin America from Independence to the Present Day
(*i*) Public Finance
(*j*) Economics of Industry
(*k*) Advanced Economic Analysis
(*l*) History of Economic Thought
(*m*) Labour Economics
(*n*) Planning

*8. An approved paper taught outside the department of Economics (*Students must take Economic Statistics unless this is taken under* 6)

VI. Economic Institutions and Planning

*1. Economic Principles

*2. Economic Institutions Compared

3. Problems of Applied Economics

4. Planning

5 and 6. Two approved papers taught in the department of Economics

*7. Economic Statistics

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

VII. Accounting and Finance

1. Accounting and Finance I

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

2. Accounting and Finance II

3. Accounting and Finance III

4. Commercial Law

*5. Economic Principles

6. *One* of the following:
(*a*) Problems of Applied Economics
(*b*) Economics of Industry
(*c*) Theory of Business Decisions
(*d*) Advanced Economic Analysis
(*e*) History of Economic Thought
(*f*) International Economics
(*g*) Monetary Institutions
(*h*) Public Finance
(*i*) Economic Development
(*j*) Labour Economics

7. Candidates who have taken Elementary Statistical Theory *or* Elements of Statistical Methods *or* Quantitative Methods for Economists at Part I must choose *one* of the following:
(*a*) Basic Mathematics (*unless taken at Part I*)
(*b*) Operational Research Methods
(*c*) Mathematics A
(*d*) Mathematics B
(*e*) Introduction to Analysis and Set Theory (*unless taken at Part I*)
(*f*) Introduction to Logic (*unless taken at Part I*)
(*g*) Introduction to Scientific Method (*unless taken at Part I*)
(*h*) Elements of Management Mathematics

All other candidates must take *one* of the following:
(*i*) Elementary Statistical Theory
(*j*) Elements of Statistical Methods
(*k*) Quantitative Methods for Economists

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

VIII. Economic History

1. *Either* (*a*) Economic History of England, 1216-1603
or (*b*) Economic History of England, 1603-1830

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

2 and 3. *Two* of the following (*unless already taken*):

(*a*) Economic History of England, 1216-1603
(*b*) Economic History of England, 1603-1830
(*c*) Economic History of England from 1815
(*d*) Economic History of Western Europe from 1815
(*e*) Economic History of the United States of America from 1783
(*f*) Economic History of Latin America from Independence to the Present Day

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, 1575-1642
(*c*) Economic and Social History of England, 1830-1886
(*d*) Britain and the International Economy, 1929-1936

Candidates may substitute for one paper under 4 and 5 an essay of not more than 10,000 words on an approved subject (to be presented not later than 1 April in the candidate's third academic year).

6. *One* of the following:

(*a*) Any paper listed under 1-3 above not already chosen
(*b*) British History 1400-1750
(*c*) British History since 1750
(*d*) International History, 1815-1914
(*e*) International History since 1914
(*f*) European History from 1800
(*g*) A Comparative Study of Modern Economic Development in Russia, Japan and India
(*h*) The Social and Political Structure of Britain in the 19th Century (*not available to students choosing* 4 *and* 5*c*)
(*i*) International Economic History, 1850-1945
(*j*) History of Economic Thought
(*k*) History of Scientific Thought
(*l*) History of British Politics in the 20th Century
(*m*) Elementary Statistical Theory (*unless taken at Part I*)
(*n*) Elements of Statistical Methods
(*o*) Quantitative Methods for Economists

(*Unless either of these or Elementary Statistical Theory has been taken at Part I*)

*7. *Either* (*a*) Economic Principles
or (*b*) General Economics

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

*8. *One* of the following:

(*a*) An additional approved paper in Economics
(*b*) Historical Geography
(*c*) Social Aspects of Political and Economic Development (*if Principles of Social Anthropology has been taken at Part I*)
(*d*) An approved paper in Politics or Political Thought (*other than* 6 (*l*))
(*e*) Comparative Social Structures (*if Introduction to Sociology has been taken at Part I*)
(*f*) Social Philosophy
(*g*) An approved Modern Foreign Language
(*h*) Demography
(*i*) Introduction to Scientific Method (*unless taken at Part I*)
(*j*) Industrial Relations

IX. Government

1. Political Thought

2. Comparative Political Institutions

3. *Either* (*a*) Modern British Goverment
or (*b*) History of British Politics in the 20th Century

4. *One* of the following:

(*a*) Political Thought (a selected text)
(*b*) Political Philosophy
(*c*) Contemporary Political Thought

5 and 6. *Two* of the following (*if not already chosen*):

(*a*) Modern British Government
(*b*) History of British Politics in the 20th Century
(*c*) Political Thought (a selected text)
(*d*) Political Philosophy
(*e*) Contemporary Political Thought
(*f*) Politics and Government of a Foreign or Commonwealth Country
(*g*) History of British Politics from the 17th to the 20th Century
(*h*) Public Administration
(*i*) Contemporary Political Analysis

*7. *Either* (*a*) General Economics
or (*b*) Economic Principles

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

*8. *Either* (*a*) An approved paper in Political History
or (*b*) An approved paper in Economic History

Subject to the approval of the School a candidate may be permitted to substitute for paper 7 or 8 another approved subject taught outside the department of Government.

X. Sociology

1. Comparative Social Structures
2. Sociological Theory

3, 4, 5 and 6. *Four* of the following:

*(*a*) Methods of Social Research (*this option must be taken unless Elementary Statistical Theory or Elements of Statistical Methods or Quantitative Methods for Economists has been taken at Part I*)

*(*b*) Social Philosophy: *Two* of:
Introduction to Social and Moral Philosophy
Values and Society
Sociology of Ideas

*(*c*) Social Structure of Modern Britain
(*d*) Social Structure of the Roman Empire
(*e*) Industrialisation and Theories of Social Change
(*f*) Political Sociology
(*g*) Industrial Sociology
(*h*) Sociology of Education
(*i*) Sociology of Religion
(*j*) Demography
(*k*) Criminology
(*l*) Sociology of Deviant Behaviour

*7 and *8. Two approved papers taught outside the department of Sociology

XI. Statistics

*1. Mathematics B
*2. Probability and Distribution Theory
3. Theory of Statistical Methods
4. Introduction to Statistical Inference and Applied Statistical Methods

5 and 6. *Two* of the following:
(*a*) Actuarial Statistics

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

(*b*) Statistical Demography
(*c*) Social Statistics and Survey Methodology
(*d*) Econometrics I
(*e*) Econometrics II
(*f*) Mathematical Logic
(*g*) Elements of Computer Science
(*h*) Operational Research Methods
(*i*) Numerical Methods
(*j*) An approved mathematics paper

*7 and *8. Two approved papers taught outside the department of Statistics

XII. Computing

*1. Elements of Computer Science
2. Systems Analysis and Design
3. Application of Computers
4. *One* of the following:
(*a*) Numerical Methods
(*b*) Operational Research Methods
(*c*) Accounting—Management and Economic Aspects
(*d*) Theory of Business Decisions
(*e*) Economics of Industry

5 and 6. *Two* of the following:
(*a*) One or two of the papers not taken under 4 above
(*b*) Probability and Distribution Theory
(*c*) Social Statistics and Survey Methodology
(*d*) Statistical Demography
(*e*) Elementary Statistical Theory (*if not taken at Part I*)
(*f*) An approved mathematics paper

*7 and *8. Two approved papers taught outside the department of Statistics

XIII. International Relations

1. International History since 1914
2. International Politics
3. Foreign Policy Analysis

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

4. International Institutions

5 and 6. *Two* of the following, *save that all candidates who have not taken International Law at Part I must choose at least one of the options International Law and Sociology of International Law:*

(*a*) International Law (*unless taken at Part I*)

(*b*) Sociology of International Law

(*c*) Theories of International Politics

(*d*) The Politics of International Economic Relations

(*e*) Strategic Studies

(*f*) International History (Special Period) chosen from the following:

(i) International Socialism and the Problem of War, 1870-1914

or (ii) Great Britain and the Paris Peace Conference of 1919

or (iii) The Manchurian Crisis, 1931-1933

or (iv) The League of Nations in Decline, March 1933 - December 1937

(*g*) Any other subject approved by the candidate's teachers within the field of International Relations

(*h*) An essay of not more than 10,000 words to be written during the course of study on an approved subject (to be presented not later than 1 April in the candidate's third academic year)

*7 and *8. Two approved papers taught outside the department of International Relations

XIV. Social Anthropology

1. Kinship and Social Organization

2. Economic and Political Systems

3. Moral and Ritual Systems

4. History and Theory of Social Anthropology

*5. Ethnography of an approved special area

6. *One* of the following:

*(*a*) Economic Principles

*(*b*) General Economics

(*c*) Sociological Theory

*(*d*) An approved course in Demography

*(*e*) Introduction to Logic (*unless taken at Part I*)

*(*f*) Introduction to Scientific Method (*unless taken at Part I*)

*(*g*) An approved paper in Psychology

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

7 and 8. *Two* of the following:

(*a*) *(i) Social Aspects of Political and Economic Development *or* (ii) Primitive Art

*(*b*) *Either* one *or* two approved papers taught outside the department of Anthropology

XV. International History

1. International History, 1494-1815

2. International History, 1815-1914

3. International History since 1914

4. *One* of the following:

(*a*) William III and Louis XIV, 1698-1702

(*b*) The Great Powers and Egypt, 1882-1888

(*c*) The Great Powers and the Balkans, 1908-1914

(*d*) Great Britain and the Paris Peace Conference of 1919

(*e*) The Manchurian Crisis, 1931-1933

(*f*) The League of Nations in Decline, March 1933-December 1937

5. *One* of the following:

(*a*) International Institutions

(*b*) International Economic History, 1850-1945

(*c*) British-American-Russian Relations, 1815-1914

(*d*) The Mediterranean in International Politics, 1815-1914

(*e*) The Baltic in International Politics since 1815

(*f*) International Socialism and the Problem of War, 1870-1914

(*g*) The Great Powers and the Near and Middle East, 1898-1956

*6. *One* of the following:

(*a*) An approved paper in Economic History

(*b*) An approved paper in International Relations

(*c*) International Law (*unless taken at Part I*)

(*d*) An approved Modern Foreign Language

(*e*) Historical Geography

(*f*) Economic Geography

*7 and *8. Two approved papers taught outside the department of International History

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

XVI. Geography

*1, 2 and 3. *Three* of the following:

(*a*) Economic Geography

(*b*) *Either* (i) Theory and Techniques of Spatial Analysis (*unless taken at Part I*)
or (ii) Applied Spatial Analysis

(*c*) Urban and Social Geography

(*d*) Man and his Physical Environment

4 and 5. *Two* of the following:

(*a*) Advanced Economic Geography

(*b*) Urban and Regional Systems

(*c*) Advanced Social Geography

(*d*) An independent Geographical Study

6. *One* of the following:

(*a*) Historical Geography

(*b*) Political Geography

(*c*) An approved Regional Study

(*d*) Any paper under 4 and 5 above not already taken
In special cases with the approval of the School, candidates may substitute for one of the options under 4, 5 and 6 above an appropriate course from the B.Sc. Geography degree syllabus.

*7 and *8. Two approved papers taught outside the department of Geography.

XVII. Philosophy

1. Scientific Method

2. History of Modern Philosophy

3. *Either* (*a*) Mathematical Logic
or (*b*) Logic and Probability

4. Epistemology and Metaphysics

5 and 6. *Two* of the following:

(*a*) History of Scientific Thought

(*b*) *Either* (i) Social Philosophy
or (ii) Political Philosophy

(*c*) *Either* (i) An essay written during the course of Study
or (ii) An essay written under examination conditions

(*d*) An Approved Modern Foreign Language

*7 and *8. Two approved papers taught outside the department of Philosophy

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

Degree of Bachelor of Science in Economics: Old Regulations

(*For candidates registered before October 1972*)

Course of Study

A student is eligible to present himself for Part II of the Examination after having satisfactorily attended approved courses extending over two academic years after completing the course of study for Part I.

Part II

Special Subjects

Part II of the examination consists of eight subjects as prescribed for each special subject below:

I. Economics, Analytical and Descriptive

N.B. Students of the School who take all three of the following subjects: Economic Institutions Compared, The Economics of Planning, and Economic Development cannot take Public Finance. Save in exceptional circumstances all other students of the School must take Public Finance under paper 3 or 8.

	Lectures, Classes and Seminars
1. Political Thought	510–12
2. *One* of the following:	
(*a*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
(*b*) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken Basic Mathematics at Part I*)	900, 900b, 901
(*c*) Mathematics A	913
(*d*) Mathematics B	914–914b
3. *One* of the following:	
(*a*) Scientific Method	485–7, 487b, 498
(*b*) Accounting—Management and Economic Aspects	151, 151a, 155, 155a, 157, 157a, 161, 937
(*c*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*d*) Public Finance	41–2, 100
(*e*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	921–3

	Lectures, Classes and Seminars
(*f*) Commercial Law	443–6a
(*g*) Economic Geography	204–7
(*h*) Elements of Social Structure II (*This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I*)	830–1
(*i*) Economic Institutions Compared	51, 51a
(*j*) The Economics of Planning	96, 96a
(*k*) Economic Development	50–50b
4. Economic Principles	28(i)–(iii), 29, 29a
5. Problems of Applied Economics	28(iv)–(v)(a)
6. *One* of the following:	
(*a*) Economic Statistics	932–3
(*b*) Economic Institutions Compared (*not if taken in 3 or 8*)	51, 51a
(*c*) The Economics of Planning (*not if taken in 3 or 8*)	96, 96a
(*d*) Economic Development (*not if taken in 3 or 8*)	50–50b
7. Development of Economic Analysis	31–31a
8. *One* of the following:	
(*a*) Principles of Monetary Economics	—
(*b*) International Economics	49, 49a
(*c*) History of Economic Thought	30, 30a
(*d*) Economics treated Mathematically	32, 32a, 954, 954a
(*e*) Public Finance (*if not taken in 3 above*)	41–2, 100
(*f*) Economics of Labour	40, 40a, 100
(*g*) Economic Institutions Compared (*not if taken in 3 or 6*)	51, 51a
(*h*) The Economics of Planning (*not if taken in 3 or 6*)	96, 96a
(*i*) Economic Development (*not if taken in 3 or 6*)	50–50b

II. Economics and Econometrics

Either

1. (*a*) Economic Principles	28(i)–(iii)
2. (*a*) Economics treated Mathematically	32, 32a, 954, 954a
3. (*a*) (i) Mathematics A	913
or (ii) Mathematics B	914–914b
or (iii) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
or (iv) Real Variable (*This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I*)	906, 906a, 914

	Lectures, Classes and Seminars
or	
in the case of candidates who have taken Introduction to Mathematical Economics and Algebra and Methods of Analysis at Part I:	
1. (*b*) Mathematical Economics I	36, 36a
2. (*b*) Mathematical Economics II	37, 37a
3. (*b*) (i) Mathematics B	914–914b
or (ii) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
or (iii) Real Variable (*This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I*)	906, 906a, 914
4. *Either*	
(*a*) Political Thought	510–12
or	
(*b*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
5. *One* of the following:	
(*a*) Elements of Statistical Theory and Methods (*This paper must be taken by candidates who have not taken Elementary Statistical Theory at Part I and may be taken only by such candidates*)	921–3
(*b*) Statistical Theory	924–5a, 930–1
(*c*) Management Mathematics	952–4a
(*d*) Accounting—Management and Economic Aspects	151, 151a, 155, 155a, 157, 157a, 161, 937
(*e*) Development of Economic Analysis	31, 31a
6. Problems of Applied Economics	28(iv)–(v)(a)
7 and 8 } *Either*	
7. (*a*) Economic Statistics	932–3
and 8 (*a*) Econometrics	33, 33a, 922, 922a
or	
7. (*b*) Econometric Theory	34, 34a, 922, 922a
and 8 (*b*) Applied Econometrics	35, 35a
(*Options* 7 (*b*) *and* 8 (*b*) *may be taken only if Statistical Theory is taken at paper* 5)	

III. Monetary Economics

N.B. Students at the School will be required to take Public Finance under paper 3 or paper 8. Only those who have taken a Mathematics or Statistics subject at Part I may take Economic Statistics; otherwise, students will normally be expected to take International Economics.

	Lectures, Classes and Seminars
1. Political Thought	510–12
2. History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
3. *One* of the following:	
(*a*) Scientific Method	485–7, 487b, 498
(*b*) Accounting—Management and Economic Aspects	151, 151a, 155, 155a, 157, 157a, 161, 937
(*c*) Economic Geography	—
(*d*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*e*) Constitutional and Administrative Law	448, 448a
(*f*) Commercial Law	443–6a
(*g*) Elements of Social Structure II (*This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I*)	830–1
(*h*) Mathematics A	913
(*i*) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken Basic Mathematics at Part I*)	900, 900b, 901
(*j*) Public Finance	41–2, 100
4. Economic Principles	28(i)–(iii), 29, 29a
5. Problems of Applied Economics	29(iv)–(v)(a)
6. Principles of Monetary Economics	43, 46, 46(a), 48, 48a
7. Monetary Institutions	44–5, 47
8. *One* of the following:	
(*a*) History of Economic Thought	30, 30a
(*b*) International Economics	49, 49a
(*c*) Economic Statistics	932–3
(*d*) Public Finance (*if not taken in 3 above*)	41–2, 100
(*e*) Economics of Labour	40, 40a, 100

IV. Industry and Trade

1. Economic Principles	28(i)–(iii), 29, 29a

	Lectures, Classes and Seminars
2. *Either* (*a*) Political Thought	510–12
or (*b*) History	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
3. *Either* (*a*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	921–3
or (*b*) Economic Statistics	932–3
or (*c*) Elements of Management Mathematics (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	917, 917b, 951, 951a
4. Business Administration	39, 39a
5. Industry and Trade	38, 38a
6, 7 and 8. *Three* of the following. Students at the School are recommended to take: *either* (*a*), (*b*) and one of (*c*), (*d*), (*e*) or (*h*) *or* any three of (*b*), (*e*), (*f*), (*h*) or (*j*) but other combinations of papers may be approved	
(*a*) Development of Economic Analysis	31, 31a
(*b*) Problems of Applied Economics	28(iv)–(v)(a)
(*c*) History of Economic Thought	30, 30a
(*d*) Economics treated Mathematically	32, 32a, 954, 954a
(*e*) Economics of Labour	40, 40a, 100
(*f*) Commercial Law (*Candidates taking this paper will be required to have taken English Legal Institutions at Part I*)	443–6a
(*g*) Business Finance[1]	—
(*h*) Accounting—Management and Economic Aspects	151, 151a, 155, 155a, 157, 157a, 161, 937
(*i*) *Either* Mathematics A	913
or Mathematics B	914–914(b)
(*j*) Labour Law (*Candidates taking this paper will be required to have taken English Legal Institutions at Part I*)	443, 443a, 447, 447a

V. Accounting and Finance

1. *Either* (*a*) Political Thought	510–12
or (*b*) History	
either (i) Economic History	261, 261a

[1] There is no teaching for this paper at the School.

	Lectures, Classes and Seminars
or (ii) Political History	291, 291a
(*With the permission of the School, candidates may substitute for* 1 (*b*) (*i*) *or* (*ii*) *a paper in Economic History from VI. Economic History, Modern, or VII. Economic History, Mediaeval*)	
2. *One* of the following:	
(*a*) Elements of Management Mathematics (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	917, 917b, 951, 951a
(*b*) Business Administration	39, 39a
(*c*) Mathematics A	913
(*d*) Mathematics B	914–914(b)
(*e*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	921–923
(*f*) Economics treated Mathematically	32, 32a, 954, 954a
(*g*) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken Basic Mathematics at Part I*)	900, 900b, 901
(*h*) Management Mathematics	952–4a
(*i*) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
3. Economic Principles	28(i)–(iii), 29, 29a
4. *Either* (*a*) Problems of Applied Economics *or* (*b*) Industry and Trade	28(iv)–(v)(a) 38, 38a
5. Commercial Law	443–4a, 446, 446a
6, 7 and 8. Accounting and Finance	151–60, 937

VI. Economic History, Modern

1. Economics	26, 26a
2. Political Thought	510–12
3. English Economic History, 1485–1760	263–4, 275
4. English Economic History from 1760	264, 276
5 and 6. *One* of the following:	
(*a*) Economic and Political History of England c. 1575–1642	265, 272
(*b*) Economic and Political History of England, 1830–1886	266, 273
(*c*) Britain and the International Economy, 1929–1936	274
Candidates may substitute for one paper an essay of not more than 10,000 words written during the course of study, on an approved topic.	

	Lectures, Classes and Seminars
7. Economic History of the United States of America from 1783	267, 267a
8. *One* of the following:	
(*a*) English Constitutional History since 1660	526
(*b*) *Either* (i) International History 1815–1914	293, 293a
or (ii) International History since 1914	294, 294a
(*c*) International Economic History, 1850–1945	268, 268a
(*d*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*e*) Scientific Method	485–7, 487b
(*f*) Social Philosophy	835–6, 838
(*g*) Elements of Social Structure II (*This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I*)	830–1
(*h*) Economic Statistics	932–3
(*i*) Historical Geography	213, 213a
(*j*) Political History	291, 291a
(*k*) Social Aspects of Political and Economic Development (*This paper may be taken only by candidates who have taken Principles and Methods of Social Anthropology at Part I or have completed course work in this subject to the satisfaction of the School*)	640, 650–1, 849

VII. Economic History, Mediaeval

1. Economics	26, 26a
2. Political Thought	510–12
3 and 4. Economic History of England and Western Europe in the Middle Ages	271
5 and 6. Economic and Political History of England 1377–1485	271
Candidates may substitute for one paper an essay of not more than 10,000 words written during the course of study, on an approved topic.	
7 and 8. *Two* of the following:	
(*a*) English Constitutional History to 1485	—
(*b*) English Constitutional History since 1660	526
(*c*) English Economic History, 1485–1760	263–4, 275
(*d*) English Economic History from 1760	264, 276
(*e*) *Either* (i) International History, 1815–1914	293, 293a
or (ii) International History since 1914	294, 294a
(*f*) International Economic History, 1850–1945	268, 268a

	Lectures, Classes and Seminars
(*g*) Economic History of the United States of America from 1783	267, 267a
(*h*) Political Thought (Set Texts)	513
(*i*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*j*) Scientific Method	485–7, 487b
(*k*) Historical Geography	213, 213a
(*l*) Social Philosophy	835–6, 838

VIII. Government

1. Economics	26, 26a
2. History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
3. *One* of the following:	
(*a*) English Constitutional History since 1660	526
(*b*) Constitutional and Administrative Law	448, 448a
(*c*) International Institutions	587–90
(*d*) History of Economic Thought	30, 30a
(*e*) Scientific Method	485–7, 487b
(*f*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*g*) Local Government of England and Wales	535–6
4. Political Thought	510–12
5. Political Thought (Set Texts)	513
6. The Politics and Government of the United Kingdom	527–33, 554
7. Comparative Political Institutions	538–538(b), 567
8. *One* of the following:	
(*a*) Political Philosophy	514–514b
(*b*) Contemporary Political Thought	515a, 515b
(*c*) The Politics and Government of a Foreign or Commonwealth Country	450, 523, 539, 540–545a
(*d*) Contemporary Political Analysis	516

IX. Sociology

	Lectures, Classes and Seminars
1. Economics	26, 26a
2. Political Thought	510–12
3. History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
4. Theories and Methods of Sociology	830, 837, 841, 841a, 843
5. Social Philosophy	835–6, 838
6. Social Structure of Modern Britain	266, 845–6
7. Essay on a Sociological Subject	
8. *One* of the following:	
(*a*) Demography I	682–684a
(*b*) Social Psychology	695(i), 695c, 699(i) and (iii), 699b
(*c*) Criminology	855–855b
(*d*) Comparative Morals and Religion	851, 851a
(*e*) Political Sociology	852–852b
(*f*) Industrial Sociology	345(ii), 853–4
(*g*) Sociology of Education	856

X. Statistics

In addition to written papers, the examination will include inspection by the examiners of notebook records of practical work done during the course of study and, in the case of paper 6, of the dissertation completed during the course of study. Logarithm and statistical tables will be provided by the University, and slide rules may be brought to the examination in papers 3-8. Actuarial tables will be provided for candidates taking Actuarial Statistics.

1 and 2. *Two* of the following:	
(*a*) *Either* (i) Economic Principles	28(i)–(iii)
or (ii) Mathematical Economics I (*This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I*)	36, 36a
(*b*) *Either* (i) Economics treated Mathematically (*This paper may not be taken by candidates taking* 1 *and* 2 (*a*) (ii) *Mathematical Economics I*)	32, 32a, 954, 954a

	Lectures, Classes and Seminars
or (ii) Mathematical Economics II (*This paper may be taken only by candidates taking* 1 *and* 2 (*a*) (ii) *Mathematical Economics I*)	37, 37a
(*c*) Political Thought	510–12
(*d*) Scientific Method	485–7, 487b
(*e*) Social Structure of Modern Britain	845–6
3. *Either* (*a*) Mathematics B	914–914(b)
or (*b*) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
or (*c*) Real Variable (*This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I*)	906, 906a, 914
4. Probability, Distribution and Sampling Theory	924–5a, 930–1
5. Theory of Statistical Methods	926–8
6. Applied Statistical Methods [*No written examination. Candidates will be assessed on practical work and a dissertation presented during the course of study*].	934, 940, 940a, 942, 942a
7 and 8. *Two* of the following:	
(*a*) Actuarial Statistics	937–9a
(*b*) Demography II	680–1, 684–6
(*c*) Social Statistics and Survey Methodology	928–9, 936, 972
(*d*) Econometric Theory	34, 34a, 922, 922a
(*e*) Applied Econometrics	35, 35a
(*f*) Numerical Methods and Programming	940, 940a, 942, 949a, 950, 950a
(*g*) Management Mathematics	952–4a
(*h*) Mathematical Logic	491–2a, 494

XI. Computing

In addition to written papers, the examination will include inspection by the examiners of notebook records of practical work done during the course of study and, in the case of paper 8, of the projects completed during the course of study. Logarithm and statistical tables will be provided by the University and slide rules may be brought to the examination in papers 3–8.

1. *Either* (*a*) Economic Principles	28(i)–(iii)
or (*b*) Mathematical Economics I (*This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I and who are taking Mathematics B at Part II*)	36, 36a

	Lectures, Classes and Seminars
2. *Either* (*a*) Mathematical Economics II (*This paper may be taken only by candidates taking Mathematical Economics I*)	37, 37a
or (*b*) Mathematical Logic	491–2a, 494
or (*c*) Political Thought	510–12
or (*d*) Economics treated Mathematically (*This paper may not be taken by candidates taking 1*(*b*) *Mathematical Economics I*)	32, 32a, 954, 954a
3. Management Data Processing	151, 151a, 161, 944, 944a, 947–8a
4. Elements of Computer Science	940–2a, 949, 949a
5, 6 and 7. *Three* of the following:	
(*a*) Management Mathematics	952–4a
(*b*) Numerical Methods and Programming	940, 940a, 942, 942a, 950, 950a
(*c*) Probability, Distribution and Sampling Theory	924–5a, 930–31
(*d*) Social Statistics and Survey Methodology	928–9, 936, 972
(*e*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	921–3
(*f*) Demography II	680–1, 684–6
(*g*) *Either* (i) Problems of Applied Economics	28(iv)–(v)(a)
or (ii) Industry and Trade	38, 38a
(*h*) *Either* (i) Mathematics A	913
or (ii) Mathematics B	914–914(b)
or (iii) Introduction to Analysis and Set Theory (*not if taken at Part I*)	904, 904a
or (iv) Real Variable (*This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory*)	906, 906a, 914
8. General Computing	945, 945a, 952, 952a, 989

XII. International Relations

1. Economics	26, 26a
2. Political Thought	510–12
3. International History since 1914	294, 294a
4. International Politics	581, 581a, 584, 601

	Lectures, Classes and Seminars
5. Foreign Policy Analysis	582–583(i)
6. International Institutions	587–90
7 and 8. Any *two* of the following save that *International Law may not be taken by candidates who have taken it at Part I; all other candidates must take at least one of the two options International Law, Sociology of International Law*	
(*a*) Theories of International Politics	596–9
(*b*) The Politics of International Economic Relations	592, 592a
(*c*) Strategic Studies	593, 593a, 603
(*d*) Sociology of International Law	600, 600a
(*e*) International Law	449, 449a
(*f*) International History 1815–1914	293, 293a
(*g*) International History (Special Period) chosen from the following:	
(i) International Socialism and the Problem of War, 1870–1914	298, 298a
or (ii) Great Britain and the Paris Peace Conference of 1919	303
or (iii) The Manchurian Crisis, 1931–1933	304
or (iv) The League of Nations in Decline, March 1933–December 1937	305
(*h*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*i*) Any other subject approved by the candidate's teachers	—
(*j*) An Essay of not more than 10,000 words to be written during the course of study on an approved topic	—

XIII. Social Anthropology

1. Economics	26, 26a
2. *Either*	
(*a*) Political Thought	510–12
or	
(*b*) Social Aspects of Political and Economic Development	651, 849
3. History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a

	Lectures, Classes and Seminars
4. General Principles of Cultural and Social Anthropology	643, 650
5. Economic and Political Systems	644
6. Moral and Ritual Systems	645
7. Ethnography of a Special Area	646, 646a
8. Development of Social Anthropology	649

XIV. International History

1. Economics	26, 26a
2. Political Thought	510–12
3. *One* of the following:	
(*a*) Economic History	261, 261a
(*b*) International Politics	581, 581a, 584, 601
(*c*) International Law (*This paper may not be taken by candidates who have taken International Law at Part I*)	449, 449a
(*d*) An Approved Modern Foreign Language (*Students at the School who are taking this option should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*e*) Historical Geography	213, 213a
(*f*) Economic Geography	204–7
4. International History, 1494–1815	292, 292a
5. International History, 1815–1914	293, 293a
6. International History since 1914	294, 294a
7. *One* of the following:	
(*a*) William III and Louis XIV, 1698–1702	300
(*b*) The Great Powers and Egypt, 1882–1888	301
(*c*) The Great Powers and the Balkans, 1908-1914	302
(*d*) Great Britain and the Paris Peace Conference of 1919	303
(*e*) The Manchurian Crisis, 1931–1933	304
(*f*) The League of Nations in Decline, March 1933–December 1937	305
8. *One* of the following:	
(*a*) International Institutions	587–90
(*b*) International Economic History, 1850–1945 (*This paper may be taken only by candidates who do not offer Economic History under* 3)	268, 268a
(*c*) British-American-Russian Relations, 1815–1914	296

	Lectures, Classes and Seminars
(*d*) The Mediterranean in International Politics, 1815-1914	295, 295a
(*e*) The Baltic in International Politics since 1815	297, 297a
(*f*) International Socialism and the Problem of War, 1870–1914	298, 298a
(*g*) The Great Powers and the Near and Middle East, 1898–1956	299, 299a

XV. Geography

In addition to the written papers, the examination will include inspection by the examiners of original notebooks and evidence of field work. The examiners simply require clear records of evidence that the candidate has received instruction in field work or has gained the necessary knowledge and experience by carrying out a programme of field work on his own initiative.

1. Economics	26, 26a
2. Economic Geography	204–8
3. Economic and Regional Geography of the British Isles	189, 217
4. The Geography of an Approved Region: *one* of the following:	
(*a*) Africa	190–2
(*b*) Australia and New Zealand[1]	—
(*c*) Europe (excluding the U.S.S.R.)	193
(*d*) Latin America	221
(*e*) Middle East	—
(*f*) Monsoon Asia	195
(*g*) North America	196–7
(*h*) U.S.S.R.	194
5 and 6. *Two* of the following:	
(*a*) Political Thought	510–12
(*b*) Economic Statistics	932–3
(*c*) An Approved Modern Foreign Language (*Students at the School should normally have taken the language of their choice at A level or at Part I*)	379, 381–2, 389–90, 393(ii) and (iii), 395, 401(ii), 402(ii)
(*d*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
(*e*) Social Structure of Modern Britain	845–6

[1]There will be no teaching at the School for this paper in the session 1972–73.

	Lectures, Classes and Seminars
(*f*) *either* (i) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
or (ii) Subject to the approval of the candidate's teachers, another Mathematics subject approved for Part II of the B.Sc. (Econ). degree	—
(*g*) International Politics	581, 581a, 584, 601
(*h*) Economic and Political Systems (Social Anthropology) (*This paper may be taken only by candidates who have taken Principles and Methods of Social Anthropology at Part I or have completed course work in this subject to the satisfaction of the School*)	640, 644, 650
7 and 8. *Two* of the following:	
(*a*) Regional Analysis	211, 211a
(*b*) Historical Geography	213–4
(*c*) Social Geography	209
(*d*) Urban Geography	210
(*e*) Political Geography	219
(*f*) Man and his Physical Environment	185
(*g*) Geomorphology	198
(*h*) Economics and Geography of Transport	52, 52a, 223
(*i*) An independent geographical essay, not exceeding 5,000 words, on an approved topic	—

XVI. Philosophy

1. Economics	26, 26a
2. *Either* (*a*) Political Thought	510–12
or (*b*) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken Basic Mathematics at Part I*)	900, 900b, 901
or (*c*) Introduction to Analysis and Set Theory (*unless taken at Part I*)	904, 904a
or (*d*) Introduction to Topology and Axiomatic Set Theory (*This paper may be taken only by candidates who have taken Introduction to Analysis and Set Theory at Part I*)	907–907b
3. *One* of the following:	
(*a*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	291, 291a
(*b*) Philosophy and History of Science	485, 487, 487a, 490, 490a

	Lectures, Classes and Seminars
(*c*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	921–3
4. *Either*	
(*a*) Moral and Political Philosophy	514, 836
or	
(*b*) Mathematical Logic	491–2a, 494
5. Logic and Methodology	485–7a, 491
6. History of Modern Philosophy	488, 488a
7. Epistemology and Metaphysics	489, 499
8. *One* of the following:	
(*a*) Philosophy of Social Sciences	498, 837, 841
(*b*) Philosophy and History of Science (*if not taken under* 3)	485, 487, 490, 490a
(*c*) Essay on a philosophical subject	—
(*d*) Essay, normally of 5,000 words, maximum 7,500, on a subject selected by the candidate in his final year, with the approval of the School, to be submitted through the School by 1 May preceding the final examination	—

The examiners shall be at liberty to test any candidate by means of oral questions. There will be no reference in either Part of the Examination.

A candidate who has satisfied the examiners at Part I of the examination and who desires to proceed to Part II of the examination with a special subject for which his Part I alternative subjects do not qualify him, may apply for permission to proceed to Part II of the examination without being required to satisfy the examiners in one or more additional Part I alternative subjects. Each application will be considered on its merits. If the application is refused and such a candidate is required to take one or more additional Part I alternative subjects, he must do so before entering for Part II.

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.

B.Sc. Degree in the Faculty of Economics

The degree is organized on the basis of 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 B.Sc. degree candidates must complete, to the satisfaction of the School, courses valued at a minimum of nine course units and must satisfy the examiners in courses to the value of at least eight course units.

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

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

Geography*
Mathematics
Mathematics and Philosophy
Social Anthropology
Social Psychology
Sociology

1 Geography

1.1 Courses are given in the Joint School of Geography at King's College and L.S.E. and students are taught by teachers from both colleges.

1.2 Candidates for Honours will normally be required to take courses to the value of ten course units over three years; with permission this total may be extended.

1.3 Courses are normally examined at the end of the year in which they are studied, though a small number of second-year courses may be examined at the end of the third year.

1.4 All students must undertake field work. The compulsory field courses normally last for a week and are taken annually in each of the Easter vacations. Certain courses involve additional field work.

1.5 In assessing a candidate for Honours, his achievement in the second and third years may be given more weight than that of the first year.

1.6 In certain cases students may be able to take courses at other colleges of the University. The permission of the convener is required.

1.7 A candidate is required to take the following courses:

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
First Year			
1. Physical Geography	1	**420/0111**	184

*Although current students reading for the B.Sc. Degree, Main Field Geography, are formally registered in the Faculty of Science, the subject is included here for intelligibility. With effect from 1973-74 students will read for the degree in the Faculty of Economics.

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
2. Human Geography	1	**420/0113**	186
3. Theory and Techniques of Spatial Analysis	1	**420/0114**	183
4. One course outside Geography (See List C)	1		
5. Field Studies (continued in 2nd and 3rd years)	½	**420/0600**	
Second and Third Years Compulsory Courses			
1. British Isles	1	**420/0205**	189
2. A course or courses from List A	1		
3. A course or courses from List B	1		
4. Field Studies (continued)			
Optional Courses			
5. Courses to the value of 2½ course units selected from the following:	2½		
(i) Lists A or B			
(ii) List C (up to a maximum of two course units)			
(iii) An independent essay of not more than 5,000 words on an approved topic in Geography		**420/0610**	
List A: Systematic Courses			
Advanced Geomorphology—I	1	**420/0260**	2 or 3 198, 201
Advanced Geomorphology—II	½	**420/0461**	2 or 3 199, 201
Advanced Geomorphology—III (*Students taking Advanced Geomorphology must also take Course 420/0260*)	½	**420/0462**	2 or 3 200–1
Meteorology and Climatology	1	**420/0266**	2 202
Climatic Change (*Course 420/0266 is normally a prerequisite*)	½	**420/0367**	3 203
Urban Climates (*Course 420/0266 is normally a prerequisite*)	½	—	3 —
Economic Geography—I	½	**420/0481**	2 or 3 204–5, 208
Economic Geography—II	½	**420/0482**	2 or 3 204, 206, 208
Economic Geography—III	½	**420/0483**	3 204, 207–8
Social Geography	½	**420/0497**	2 or 3 209
Urban Geography	½	**420/0395**	2 or 3 210
Geography of Rural Settlement	½	—	2 or 3 212

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Historical Geography: British Isles	½	**420/0485**	2 or 3	213
Historical Geography: Western and Central Europe	½	**420/0486**	2 or 3	214
Biogeography—I	½	**420/0475**	2	215
Biogeography—II (*Course 420/0475 is normally a prerequisite*)	1	**420/0476**	2 or 3	216
Biogeography—III (*Course 420/0475 is normally a prerequisite*)	½	**420/0477**	3	—
Geography and Planning	½	**420/0498**	3	217
History of Geographical Science and Discovery—I	½	—	2 or 3	218
Political Geography—I	½	**420/0491**	2 or 3	219
Political Geography—II[1]	½	**420/0492**	3	220
Man and his Physical Environment	1	**420/0466**	2 or 3	185
Applied Spatial Analysis	1	**420/0202**	2	188
Urban and Regional Systems[2]	1	**420/0396**	3	211
Philosophy, Methodology and Explanation in Geography[1]	½	**420/0379**	3	222
List B: Regional Courses				
Africa—I	½	**420/0441**	2	190
Africa—II (*Course 420/0441 is normally a prerequisite*)	½	**420/0342**	3	191
Africa—III [1, 2]	½	**420/0343**	3	192
Europe I	½	**420/0417**	2 or 3	193(i)
Western Europe[3]	½	**420/0418**	2 or 3	193(ii)
Eastern Europe[3]	½	**420/0419**	2 or 3	193(iii)
U.S.S.R.	½	**420/0431**	2 or 3	194
Monsoon Asia	½	**420/0430**	2 or 3	195
Latin America—I	½	**420/0424**	2 or 3	221
North America—I	½	**420/0421**	2 or 3	196
North America—II (*Course 420/0421 is normally a prerequisite*)	½	**420/0322**	3	197
Middle East	1	—	3	—
List C: Courses outside Geography				
Anthropology				
Introduction to Social Anthropology	1	**180/0037**	1, 2 or 3	640, 652

[1]Not available in 1972-73.
[2]Applied Spatial Analysis is normally a prerequisite for this course.
[3]Students taking this subject must also take Course 420/0417 Europe I.

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Race and Culture	1	**180/0036**	1, 2 or 3	641, 652
Elementary Ethnography	1	**180/0403**	1, 2 or 3	642, 652
Economics				
Economics A[1]	1	**340/0010**	1, 2 or 3	21
Economics (*Economics A or Elements of Economic Analysis 340/0001 is a prerequisite*)	1	**340/0002**	2 or 3	26
History				
Industrialisation and the International Economy since 1830	1	**480/0100**	1, 2 or 3	261
English Economic History in its European Background from 1700 to the Second World War	1	**480/0101**	2 or 3	264
English History, 1530-1760	1	**480/0006**	1, 2 or 3	327
British History in the Nineteenth Century (*Course 480/0006 is a prerequisite*)	1	**480/0002**	2 or 3	329
International History, 1815-1914	1	**480/0004**	1, 2 or 3	293
International History since 1914	1	**480/0003**	2 or 3	294
Mathematics				
Basic Mathematics	1	**550/0001**	1, 2 or 3	900
Algebra and Methods of Analysis	1	**550/0002**	1, 2 or 3	902–3
Introduction to Analysis and Set Theory	1	**550/0003**	1, 2 or 3	904
Statistics				
Elementary Statistical Theory	1	**790/0001**	1, 2 or 3	921
Methods of Social Investigation[2]	1	**790/0002**	1 or 2	917–8
Geology (King's College)				
Fundamentals of Geology	½	**430/0101**	1	
Stratigraphical Palaeontology	½	**430/0104**	1	
Stratigraphy and Sedimentation	1	**430/0201**	2	
World Stratigraphy	½	**430/0202**	3	
Economic Geology	½	**430/0206**	2 or 3	
Structural Geology	½	**430/0304**	2 or 3	
Advanced Economic Geology	½	**430/0308**	3	
Sedimentology	½	**430/0307**	2 or 3	

[1]A student who has taken Elements of Economic Analysis 340/0001 in a previous session may not offer Economics A.
[2]In 1972-73 third-year students may be permitted by the department to take this unit.

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Oceanography	½	**430/0108**	1, 2 or 3	
Demography				
Elements of Demographic Analysis[1]	1	**780/0001**	2 or 3	682–4
Sociology				
Introduction to Sociology	1	**780/1101**	1, 2 or 3	830
Social Administration				
Social Policy	1	**780/0005**	1, 2 or 3	740–1
Language Studies				
French Language I	1	**750/0001**	1, 2 or 3	—
International Relations				
The International Political System	1	**340/0004**	1, 2 or 3	581
Psychology				
Introduction to Psychology	1	**720/0002**	1 or 2	695(i)
Psychological Aspects of the Study of Society[2]	1	**720/0407**	2 or 3	699(i) and (iii)
Law				
English Legal Institutions	1	**520/0001**	1, 2 or 3	442
International Law	1	**520/0002**	1, 2 or 3	449

2 Mathematics

2.1 Candidates for this degree are required to take courses to the value of at least nine course units, and not more than twelve course units during their three years of study.

2.2 To obtain a degree a candidate must satisfy the examiners in no fewer than eight units or in a combination of units and half units to that number. To qualify for Honours a candidate must have completed the equivalent of a further two course units in Applied Mathematics. The remaining courses will be selected by the candidate after approval by his tutor.

2.3 Courses to the value of four course units must be taken in the first year and the remaining minimum of five over the second and third years of study.

[1]This subject to be completed in one academic year.
[2]From 1973-74 720/0002 will normally be a prerequisite.

2.4 A candidate is required to take the following courses:

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
First Year			
Pure Mathematics			
1. Introduction to Analysis and Set Theory	1	**550/0003**	904, 904a
2. Introduction to Abstract Algebra	½	**550/0006**	905, 905a
3. *Either* Calculus	½	**550/0008**	903, 903a
or Linear Algebra	½	**550/0007**	902, 902a
Applied Mathematics			
4. *Either* Elementary Statistical Theory	1	**790/0001**	921, 921a
or Introduction to Logic	1	**500/0002**	491, 491a
or Introduction to Mathematical Economics	1	**340/0006**	24, 24a
Other Courses			
5. One of the following:			
(*a*) British Government: An Introduction to Politics	1	**340/0007**	525, 525a
(*b*) Economic History of Great Britain and the U.S.A. 1850-1939	1	**340/0008**	260, 260a
(*c*) Political History 1789-1941	1	**480/0008**	288, 288a
(*d*) Introduction to Sociology	1	**780/1101**	830, 830a
(*e*) Introduction to Human Geography	1	**420/0004**	182, 182a
(*f*) Introduction to Mathematical Economics (*if not taken under paper 4*)	1	**340/0006**	24, 24a
(*g*) Introduction to Psychology	1	**720/0002**	695(i), 695b
Second and Third Years (Only 2nd yr. lectures and classes have been listed)			
Pure Mathematics			
6. Real Variable and Analytic Topology	1	**550/0009**	906–907a
7. Algebra II	½	**550/0010**	908, 908a
8. Complex Variable	½	**550/0011**	909, 909a
9. Linear Algebra (*if not taken under paper 3*)	½	**550/0007**	902, 902a
10. At least one course from the following:			
(*a*) Real Variable II	½	**550/0012**	—

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
(*b*) Functional Analysis	½	**550/0004**	—
(*c*) Probability Theory	½	**550/0014**	—
(*d*) Algebra III	½	**550/0013**	—
(*e*) Boolean Algebra	½	**550/0005**	—
(*f*) Mathematical Logic (*if Introduction to Logic has been taken under* **4**)	1	**550/0004**	492, 494
(*g*) Other approved courses may be made available from time to time			
Applied Mathematics			
11. At least one course unit from the following:			
(*a*) Distribution Theory	½	**790/0004**	925, 925a
(*b*) Introduction to Statistical Inference	½	**790/0005**	—
(*c*) Theory of Statistical Method (two-year course)	1	**790/0006**	926, 926a
(*d*) Applied Statistical Methods	1	**790/0003**	—
(*e*) Elements of Computer Science (two-year course)	1	**295/0001**	940–941(i), 941(i) (a), 942, 942a
(*f*) Operational Research Methods (two-year course)	1	**340/0016**	952, 952a
(*g*) Numerical Methods (two-year course)	1	**295/0002**	940, 940a, 942, 942a, 950(i), 950(i) (a)
(*h*) Management Data Processing (two-year course)	1	**340/0017**	151, 151a
(*i*) Actuarial Statistics (two-year course)	1	**790/0813**	937–8
(*j*) Econometric Theory (two-year course)	1	**340/0011**	922, 922a
(*k*) Applied Econometrics	1	**340/0014**	—
(*l*) Mathematical Economics I (two-year course) (*Course 340/0006 is a prerequisite*)	1	**340/0012**	36(i), 36a
(*m*) Mathematical Economics II (two-year course) (*Course 340/0012 is a prerequisite*)	1	**340/0013**	37(i), 37a
Other Courses			
12. At least one course from the following: (*if not already taken*):			
(*a*) *Either* Introduction to Scientific Method	1	**500/0003**	485–7
or Introduction to Logic	1	**500/0002**	491, 491a
or Mathematical Logic (*if Introduction to Logic has been taken under* **4**)	1	**500/0004**	492, 494

	Value in Course Units	Course Registration Number	*Lectures Classes and Seminars*
(*b*) Statistical Demography (two-year course)	1	**790/0820**	680, 680(a), 684
(*c*) Social Statistics and Survey Methodology	1	**340/0015**	—
(*d*) Social Structure of Modern Britain	1	**780/2301**	845, 845a
(*e*) Social Policy	1	**780/0005**	740–1
(*f*) Applied Spatial Analysis	1	**420/0202**	188
(*g*) Urban and Regional Systems (*Course 420/0202 is a prerequisite*)	1	**420/0396**	211

3 Mathematics and Philosophy

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

3.2 To qualify for Honours a candidate must complete the equivalent of at least four course units in Mathematics and four in Philosophy. The remaining courses will be selected by the candidate after approval by his tutor.

3.3 Courses to the value of four course units must be taken in the first year.

3.4 (i) A candidate who satisfactorily completes the courses taken in the first year of study for this degree may be permitted to transfer to the Main Field in Mathematics for the remaining two years of his registration.

(ii) Similarly, a candidate registered for the Main Field in Mathematics who satisfactorily completes the courses taken in the first year may be permitted to transfer to the Main Field in Mathematics and Philosophy for the remaining two years of his registration.

3.5 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 Analysis and Set Theory	1	**550/0003**	904, 904a
2. Introduction to Abstract Algebra	½	**550/0006**	905, 905a
3. *Either* Calculus	½	**550/0008**	903, 903a
or Linear Algebra	½	**550/0007**	902, 902a
4. Introduction to Logic	1	**500/0002**	491, 491a
5. Introduction to Scientific Method	1	**500/0003**	485–7

	Value in Course Units	Course Registration Number
Second and Third Years		
6. Real and Variable and Analytic Topology	1	**550/0009**
7. Linear Algebra (*if not taken under 3*)	½	**550/0007**
8. Mathematical Logic	1	**500/0004**
9. History of Modern Philosophy	1	
10. History of Scientific Thought	1	
11. A course or courses to the value of at least one course unit from the following:		
Either Epistemology and Metaphysics	1	
or Scientific Method	1	
Either Essay on a philosophical subject	1	
or Dissertation (normally a third year course)[1]	1	
Functional Analysis	½	**550/0004**
Probability Theory	½	**500/0014**
Either Linear Algebra (*if not taken under* 3)	½	**550/0007**
or Algebra III	½	**500/0010**
Distribution Theory	½	**790/0004**
Introduction to Statistical Inference	½	**790/0005**
Elements of Computer Science	1	**295/0001**
Real Variable II	½	**550/0012**
Boolean Algebra	½	**550/0005**
Any other approved subject	1	—

4 Social Anthropology

4.1 Candidates for Honours are required to take courses to the value of eleven course units during three years. They will normally be taken in the following sequence: four in the first year, three in the second year and four in the third year.

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

4.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.

[1]The Dissertation is to be on a subject selected by the candidate and approved by the convener of the department of Philosophy. It should normally be of 5,000 words in length, with a maximum of 7,500 words, and must be submitted by 1 May preceding the final examination.

4.4 A candidate is required to take the following courses:

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
First Year			
1. Social Anthropology: A General Introduction	1	**180/0037**	640, 640a
2. Race and Culture	1	**180/0036**	641, 641a
3. Elementary Ethnography	1	**180/0403**	642, 642a
4. One of the following:			
Introduction to Sociology	1	**780/1101**	830, 830(a)
Introduction to Psychology	1	**720/0002**	695(i), 695b
Introduction to Human Geography	1	**420/0004**	182, 182a
Second Year			
1. Studies of Kinship	1	**180/0404**	643, 643a
2. Political and Economic Institutions	1	**180/0401**	644, 644a
3. One of the following:			
(*a*) Statistical and Survey Methods of Social Investigation	1	**790/0040**	917, 917b–918a
(*b*) Economics A	1	**340/0010**	21, 21a
(*c*) Theories and Methods of Sociology	1	**180/0406**	830[1], 831b
(*d*) Psychological Aspects of the Study of Society[2]	1	**720/0407**	699(i) and (iii), 699c
(*e*) Introduction to Scientific Method	1	**500/0003**	485–7
Third Year			
1. Magic and Religion	1	**180/0408**	645, 645a
2. Advanced Theory of Social Anthropology	1	**180/0411**	649, 649a
3. One of the following:			
(*a*) Advanced Ethnography	1	**180/0409**	646, 646a
(*b*) Anthropological Linguistics	1	**180/0410**	365, 365b, 647, 647(ii)a
(*c*) Primitive Art[3]	1	**180/0412**	648
(*d*) Social Aspects of Political and Economic Development	1	**180/0414**	651, 849

[1]In 1972–73 only.
[2]From 1973–74 Course 720/0002 will normally be a prerequisite.
[3]Not available in the session 1972-73.

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
4. Essay(s) (One essay of 6,000 words or two essays each of 3,000 words)	1	**180/0413**	—

5 Social Psychology

5.1 Candidates are normally required to take courses to the value of eleven course units during the three years of study. Four of these will be in the first year, four in the second year and three in the third year.

5.2 Most courses in psychology include work in the laboratory or the field. Candidates will be required to undertake field work in at least one vacation; it might take the form of working with a member of staff on his research or gaining experience in a relevant institution.

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

5.4 In addition to the courses set out below candidates for the degree may be required to attend a small number of courses designed to enable them to see psychology and social psychology in their proper perspective. These courses will not be separately examined.

5.5 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.

The courses are as follows:

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
First Year			
1. Fundamental Approaches to the Study of Behaviour	1	**720/0104**	697–8
2. Introduction to General and Social Psychology	1	**720/0101**	695, 695(a)
3. Foundations of Experimental Psychology	1	**720/0103**	696, 919, 919(a)
4. Courses in other disciplines: (See List C below)	1		
Second Year			
1. Psychology of Personality, Motivation and Development	1	**720/0205**	703, 703(a)
2. **In 1972-73 only:** Perception and Skill	1	**720/0201**	704, 704(a)
In and after 1973-74: Perception and Skill	½	**720/0206**	—
3. Social Psychology: Attitudes and Cognition	½	**720/0203**	699, 699a

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
4. Methods and Assumptions of Social Psychological Research	½	**720/0204**	700–701a
5. Psychology of Learning, Remembering and Thinking	½	**720/0202**	702, 702a
6. Courses in other disciplines: (See List C below) In 1972-73 only:	½		
In and after 1973-74:	1		

Third Year

1. Advanced Social Psychology	1	**720/0301**	706
2. Research Project	1	**720/0302**	—
3 and 4. Courses to the value of 1 course unit. At least one course must be selected from List A.	1		

Not all courses in Lists A and B may be available every session.

List A

(*a*) Child Development II	½	**720/0303**	707
(*b*) Information Processing	½	**720/0304**	708
(*c*) Personality and Motivation II	½	**720/0305**	709
(*d*) Psycholinguistics	½	**720/0306**	710

List B

(*a*) Communications and Attitude Change	½	**720/0307**	713–714
(*b*) Groups and Group Functioning[1]	½	**720/0308**	—
(*c*) Interpersonal Behaviour[1]	½	**720/0311**	—
(*d*) Person Perception[1]	½	**720/—**	—
(*e*) Social Psychology of Conflict	½	**720/0309**	720
(*f*) Applications of Social Psychology	½	**720/0310**	724

List C: Courses in other disciplines

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Anthropology				
Either (*a*) Introduction to Social Anthropology	1	**180/0037**	1	640, 640(a), 652
or (*b*) Social Anthropology (Elementary Introduction)	½	**180/0038**	2	640, 650, 652

[1]Not available in the session 1972–73.

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Political Institutions of Simpler Societies (*Course 180/0037 is a prerequisite*)	½	**180/0251**	2	644(ii), 644 (ii)(a), 652
Economic Institutions of Simpler Societies (*Course 180/0037 is a prerequisite*)	½	**180/0252**	2	644(i), 644 (i)(a), 652
Economics				
Introduction to Economics	½	**340/0005**	2	21, 21(a)
Geography				
Introduction to Human Geography	1	**420/0004**	1	182, 182(a)
Linguistics				
Introduction to Linguistics	½	**290/0001**	2	365, 365(c)
Philosophy				
Introduction to Scientific Method	1	**500/0003**	1	485–7
Sociology				
Introduction to Sociology	1	**780/1101**	1	830, 830(a)
Introduction to Social and Moral Philosophy	½	**780/2501**	2	835, 838(a)
Values and Society	½	**780/2504**	2	836
Sociology of Ideas	½	**780/2505**	2	837

Other courses may be approved by the department.

6 Sociology

6.1 Candidates are required to take courses to the value of at least ten course units, with a minimum of three course units each year. Courses will normally be examined at the end of the session in which they are taught.

6.2 To qualify for Honours it will be necessary to complete six course units in Sociology, including the four compulsory courses shown for the first, second and third years.

6.3 A candidate may take up to four course units in courses outside Sociology.

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

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

6.6 A candidate is required to take the following courses:

	Value in Course Units	**Course Registration Number**	*Lectures Classes and Seminars*
First Year			
1. Introduction to Sociology	1	**780/1101**	830, 830(a)
2. Methods of Social Research	1	**790/1401**	834(a), 918–9(a)
3. A course to the value of one unit from List B	1	—	
4. Optional: A course or courses to the value of one unit from List A	1	—	
Second Year			
In 1972-73 only			
1. Methods of Social Research	1	**790/1401**	834(b)
2. Comparative Social Structures	1	**780/1102**	832, 832(a)
3. A course or courses to the value of at least one unit from List A and/or List B.	1	—	
In and after 1973-74			
1. Comparative Social Structures	1	**780/1102**	
2 and 3. Courses to the value of at least two units from List A and/or List B	2	—	
Third Year			
1. Sociological Theory	1	—	
2 and 3. Courses to the value of at least two units from List A and/or List B	2	—	

Optional Courses

List A: Courses in Sociology	*Value in Course Units*	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Introduction to Social and Moral Philosophy[1]	½	**780/2501**	1, 2 or 3	835, 838(a)
Values and Society[1]	½	**780/2504**	1, 2 or 3	836
Introduction to Social Philosophy	1	**780/2503**	1, 2 or 3	835–6, 838(a)
Sociology of Ideas	½	**780/2505**	2 or 3	837
The Social Structure of Modern Britain	1	**780/2301**	1, 2 or 3	845, 845(a)
The Social Structure of the Roman Empire	1	**780/2302**	2 or 3	847
Political Sociology	1	**780/2603**	2 or 3	852, 852(c)
Industrial Sociology	1	**780/2604**	2 or 3	853–4
Sociology of Religion	1	**780/2605**	2 or 3	851, 851(a)
Elements of Demographic Analysis	1	**780/0001**	2 or 3	682–4(a)
Social Change and Development in Contemporary Africa[1]	1	**780/2303**	3	849
Industrialisation and Theories of Social Change	1	**780/2201**	2 or 3	850, 850(a)
Criminology	1	**780/2601**	2	855, 855(a)
Sociology of Deviant Behaviour	1	**780/2602**	3	—

[1]This course may not be taken by candidates taking Introduction to Social Philosophy.

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
List B: Courses outside Sociology				
Anthropology				
Introduction to Social Anthropology	1	**180/0037**	1, 2 or 3	640, 640(a), 652
Studies in Kinship[2]	1	**180/0404**	2	643, 643(a), 652
Political and Economic Institutions[2]	1	**180/0401**	2	644, 644(a), 652
Magic and Religion[2]	1	**180/0408**	3	645, 645(a), 652
Primitive Art[2]	1	**180/0412**	3	648, 652
Economics				
Introductory Economics	1	**340/0009**	1, 2 or 3	20, 20(a)
Geography				
Introduction to Human Geography	1	**420/0004**	1, 2 or 3	182, 182(a)
Government				
British Government: An Introduction to Politics	1	**340/0007**	1, 2 or 3	525, 525(a)
History				
Economic History of Great Britain and the U.S.A. 1850-1939	1	**340/0008**	1, 2 or 3	260, 260(a)

[1]Students will normally be expected to have taken course 180/0037 Introduction to Social Anthropology.
[2]Course 180/0037 is a prerequisite.

	Value in Course Units	**Course Registration Number**	*Normally Taken in Year*	*Lectures Classes and Seminars*
Law				
English Legal Institutions	1	**520/0001**	1, 2 or 3	442, 442(a)
Linguistics				
Introduction to Linguistics	½	**290/0001**	2	365, 365(c)
Philosophy				
Introduction to Logic	1	**500/0002**	1, 2 or 3	491, 491(a)
Introduction to Scientific Method	1	**500/0003**	1, 2 or 3	485–7
Social Administration				
Social Policy	1	**780/0005**	1, 2 or 3	740, 741
Social Psychology				
Introduction to Psychology	1	**720/0002**	1 or 2	695(i), 695(b)
Psychological Aspects of the Study of Society[1]	1	**720/0407**	2 or 3	699(i) and (iii), 699 (c)

B.Sc. Social Science and Administration

(*For candidates registering in and after October 1972*)

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. The results of this examination will not count towards the classification for Honours.

The Final Examination consists of eight papers and an extended essay, and is divided into two stages. The first stage will consist of four papers and will be held at the beginning of the sixth term of the course of study for the degree. The second stage will consist of the remaining papers of the examination and the extended essay. The extended essay, work for which will begin in the second year, is due for submission by 15 January in the final year. The examination in the remaining papers will be held in the ninth term of the course.

[1]From 1973–74 course 720/0002 will normally be a prerequisite.

Methods of Examination
The examination will be conducted by means of written papers and such other methods as may be approved by the University. Examiners may test any candidate by means of oral questions.

Subjects of Examination
The First Year Examination will consist of the following:

	Lectures, Classes and Seminars
1. Introduction to Economics	21, 758c
2. Introduction to Sociology	830, 763
3. Development of Social Institutions and Policy	740–2
4. Methods of Social Research	918–919a
5. Elements of Government	416

The Final Examination will consist of the following:

1. Social Policy

*2. Social and Public Administration

*3. Social Economics

*4. Social Structure

*5. Social Investigation

6. Social and Political Theory

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

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

(*a*) Adminstration of Education[1]
(*b*) Race Relations and Minority Groups
(*c*) Personal Social Services
(*d*) Social Policy of Developing Countries
(*e*) Housing and Urban Structure
(*f*) Health Administration
(*g*) Law and Social Policy
(*h*) Social History
(*i*) General and Social Psychology[2]
(*j*) Industrial Sociology
(*k*) Sociology of Deviance[3]
(*l*) Penology[3]

[1,2,3]Only one of the courses marked with the same number may be offered.

(*m*) Family and Law
(*n*) Demography
(*o*) Sociology of Education[1]
(*p*) Political Sociology
(*q*) Comparative Morals and Religion
(*r*) Interpersonal Relations[2]
(*s*) Values in Society
(*t*) Urban and Regional Economics
(*u*) Advanced Social Theory
(*v*) Parliament, Policy-making and Legislation

9. An extended essay, normally of 5,000-7,000 words, to be presented not later than 15 January in the third year. The subject of the extended essay must be approved by the University.

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 interrelationship 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 245).

INTERMEDIATE EXAMINATION

The examination consists of written papers in subjects (*a*) to (*d*):

	Lectures, Classes and Seminars
a) Public Law I	416, 416a
b) Law of Contract	417, 417a
c) Law of Property I	418, 418a
d) English Legal System	419, 419a

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.

[1,2]Only one of the courses marked with the same number may be offered.

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.

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

The examination consists of four written papers in subjects (*a*) to (*d*):

	Lectures, Classes and Seminars
a) Public Law II	420, 420a
b) Law of Tort	421, 421a
c) Law of Property II	422, 422a
d) Criminal Law	423–4

The examiners may, if they think fit, set an additional essay paper covering matters within the scope of any of the Part I and Intermediate subjects.

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 who passes three of the four Part I papers 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, with permission of the School, a candidate who fails to reach the minimum standard in two or more subjects in June, whether or not he has presented himself for all or any part of the above examination, may be permitted to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is required to satisfy the examiners in

	Lectures, Classes and Seminars
Jurisprudence	425, 425a

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

(i)	*Lectures, Classes and Seminars*
a) Law of Evidence	426, 426a
b) History of English Law	427, 427a
c) Public International Law	428, 428a
d) Conflict of Laws	429, 429a
e) Mercantile Law	430, 430a
f) Labour Law	431, 431a
g) Domestic Relations	432, 432a
h) Administration of Estates and Trusts	433, 433a
i) Law of Business Associations	434, 434a
j) Administrative Law, with special reference to Local Government	435, 435a
k) International Protection of Human Rights	436, 436a
l) Basic Principles of the Soviet and Yugoslav Legal Systems	437, 437a
m) Hindu Law	—
n) Mohammedan Law	—
o) African Law	—
p) Legislation	438, 438a
(ii)	
a) Sentencing	439
b) Law Relating to Civil Liberties	440
c) Law and the 'Underprivileged'	441

Each subject in list **(i)** shall have the value of one unit, wnile each subject in list **(ii)** shall have the value of one half-unit. A candidate may not select more than two subjects from list **(ii)**. Courses will not necessarily be available every year for all the subjects in lists **(i)** and **(ii)**.

The Part II examination is conducted by written papers with the exception that a candidate who offers Administrative Law with special reference to Local Government, or Law and the 'Underprivileged', will be required, in either of those subjects, to write an essay instead. Where a candidate who has offered one of the two essay subjects fails the Part II examination he will not be permitted to submit the same essay at any repeat 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 a candidate offering either the subject Administrative Law with special reference to Local Government or the subject Law and the 'Underprivileged', and questions may extend to cover the wider background aspects of the essay.

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.

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

The examination will consist of nine papers up to three papers of which may be taken in the penultimate session of a candidate's course of study with the permission of the School. Honours classes will be awarded on the total range of marks obtained in the nine papers.

Examination papers

(Only for candidates registered before October 1972)

(Only second and third-year lectures and classes have been listed)

	Lectures, Classes and Seminars
1. English History down to the end of the 14th century	325, 326
2. English History from the beginning of the 15th century to the middle of the 18th century	328
3. British History from the middle of the 18th century	329, 330
4 and 5. *Two* of the following papers:	
(*a*) European History from 400 to 1200	332
(*b*) European History from 1200 to 1500	—
(*c*) European History from 1500 to 1800	292, 334
(*d*) European History from 1800 (This paper will include questions on the relations of Europe with the rest of the world)	333
6. History of Political Ideas—Section (*a*) European (Section (*a*) will be divided into two subsections: (i) the recommended texts (ii) the relation of European political ideas to their historical context. Candidates must attempt at least one question from each subsection.)	336
7. An Optional Subject	263–4, 337, 338, 339, 340
8 and 9. A Special Subject	341, 342

Examination papers

(For candidates registering in and after October 1972)

(Only first-year lectures and classes have been listed)

1-4. *Four* of the following papers, of which two at least shall be from Group A and one at least from Group B:	
A	
A1. British History down to the end of the 14th century	325, 326
A2. British History from the beginning of the 15th century to the middle of the 18th century	327, 328

	Lectures, Classes and Seminars
A3. British History from the middle of the 18th century	—
B	
B1. European History from 400 to 1200	332
B2. European History from 1200 to 1500	332
B3. European History from 1500 to 1800	292, 334
B4. European History from 1800	—

5-6. *Two* of the following:

C

C1. One of the papers under A or B above if not already selected under **1-4.**

C2. History of Political Ideas — 335, 336, 510

The paper will be divided into three sections, as follows:

(*a*) European (*b*) South Asian (*c*) Islamic. Section (*a*) will be further divided into two subsections: (i) questions related to the recommended texts (ii) questions on the relation 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 in section C may only be selected subject to the approval of the School.)

C3. Any one of the first three papers in one of Branches IB, III, IV, V, VI and VII (For details of these papers see the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students*) — —

C4. History of the U.S.A. since 1783 —

C5. History of Latin America from the middle of the 18th century —

C6. 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.

C7. History of Europe Overseas, 1492-1900 —

C8. World History from the End of the 19th century —

7. An optional subject —

8 and **9.** A special subject —

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

Special subjects will be examined by one three-hour paper normally including passages for comment from prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more than 2,500 words each. Such essays, which shall refer to texts and be fully documented, are to be on a topic or topics selected by the candidate and approved by his special subject supervisor and shall be submitted through the School by 31 March in the year a candidate completes his Final examination. Such essays should normally be typewritten. The method of examination to be adopted for any particular special subject in any year will be subject to approval by the University.

Note The optional and special subjects are set out in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students*. The School normally provides lectures and classes for the optional subjects British Economic History to the early 16th century; British Economic History from the early 16th to the late 18th century; British Economic History from the late 18th century; Modern English Constitutional History from c. 1530–1914; Diplomatic History, 1814–1945; and The History of Germany, c. 1860–1945, and seminars or classes for the special subjects of The Economy of England, 1350–1500; The Near Eastern Question, 1875–1881; and the German Revolution, October 1918–March 1920.

Language Studies

The School offers teaching for a number of two-subject combinations in the field of language studies within the framework of the combined studies degrees in the Faculty of Arts of London University. Entry to any particular two-language combination amongst those mentioned may not be possible in any given year.

Emphasis in the department is on general linguistics and on an analytical and social approach to language rather than on an aesthetic or literary one, and, where the University syllabus permits a choice, students of the School will be expected to select accordingly. Students taking two languages will be required to attend courses in general linguistics and phonetics.

The normal duration of all B.A. degrees in Language Studies at the School is *four* years, the third year being spent abroad. Candidates for degrees in certain subject combinations may be permitted to take a limited number of examination papers at the end of either their second or third year of study.

Supervisors will advise students on the choice of options and will recommend appropriate courses from the Language Studies section in Part III of this Calendar (Courses 365–406).

B.A. (Combined Subjects) in Linguistics and One Modern Language

The subjects for examination shown in the following tables are numbered differently in this Calendar from the list of subjects given in the University regulations.

French and Linguistics

The examination consists of ten papers as follows:

	Lectures, Classes and Seminars
1. Principles of Linguistics, Descriptive, Comparative and Historical	365, 365a
2. General Linguistic Theory I: Grammar, Semantics	365, 365a, 367–8a
3. General Linguistic Theory II: Phonetics, Phonology	366–366b, 368, 371, 371a
4 and 5. *Two* of the following:	
(*a*) Historical Linguistics	369
(*b*) Linguistics and Language Teaching	—
(*c*) Sociolinguistics: Language and the Community	370
(*d*) Psycholinguistics: Language and the Individual	—
(*e*) Phonetics	—
(*f*) Linguistic Typology and Language Classification	—
6. Translation from and into French	376–8
7. Essay in French	376–8
8. History of the French Language to the Present Day	372
9. Nineteenth and Twentieth Century French Literature	373–5a
10. A special subject in French	383

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a French oral examination.

German and Linguistics

The examination consists of nine papers as follows:

	Lectures, Classes and Seminars
1. Principles of Linguistics, Descriptive, Comparative and Historical	365, 365a
2. General Linguistic Theory I: Grammar, and Semantics	365, 365a, 367–8a
3. General Linguistic Theory II: Phonetics and Phonology	366–366b, 368, 371, 371a, 394(ii) and (iii)

	Lectures, Classes and Seminars
4. Translation from and into German	392–3
5. The German Language and *four* of the following, including at least *one* chosen from papers 6–11, and at least *two* from papers 12–16	391
6. Historical Linguistics	369
7. Linguistics and Language Teaching	—
8. Sociolinguistics: Language and the Community	370
9. Psycholinguistics: Language and the Individual	—
10. Phonetics	—
11. Linguistic Typology and Language Classification	—
12. Essay in German	394(i)
13. The Middle High German Classical Period	—
14. German Literature from 1830 to 1890	396–397(i)
15. The Age of Goethe	—
16. German Literature, 1890 to the Present Day	397(ii)

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a German oral examination.

Russian and Linguistics

The examination consists of ten papers as follows:

	Lectures, Classes and Seminars
1. Principles of Linguistics, Descriptive, Comparative and Historical	365, 365a
2. General Linguistic Theory I: Grammar, and Semantics	365, 365a, 367–8a
3. General Linguistic Theory II: Phonetics, and Phonology	366–366b, 368, 371, 371a
4 and 5. *Two* of the following:	
(*a*) Historical Linguistics	369
(*b*) Linguistics and Language Teaching	—
(*c*) Sociolinguistics: Language and the Community	370
(*d*) Psycholinguistics: Language and the Individual	—
(*e*) Phonetics	—
(*f*) Linguistic Typology and Language Classification	—
6. Translation from and into Russian	401
7. Essay in Russian, as set for paper 3 of the B.A. in Russian Language and Literature	402

	Lectures, Classes and Seminars
8. *Either* (*a*) History of Russian Literature from 1800 to the Present Day, as set for paper 5 of the B.A. in Russian Language and Literature	399
or (*b*) *Two* of the following as set for paper 6 of the B.A. in Russian Language and Literature:	
(i) History of Russian Literature to 1700	—
(ii) Eighteenth Century Russian Literature	—
(iii) Aspects of Russian Thought, 1825–1905	—
(iv) Old Church Slavonic in its Historical and Cultural Setting	—
(v) The Development of the Russian Vocabulary	—
(vi) Modern Russian Syntax	—
(In 8 (*b*) candidates must choose *two* questions *from each of any two sections*. At the time of the degree examination candidates will be allowed to decide from which two sections their questions are to be chosen. Candidates need not declare their choice of subjects beforehand.)	
9 and 10. *Two* of the following:	
(*a*) History of the Russian Language to the present day (with prescribed texts) as set for paper 4 of the B.A. in Russian Language and Literature	399–400
(*b*) Russian Literature since 1917	—
(*c*) The Role of Church Slavonic in the Development of Russian	—
(*d*) One of the following Russian authors:	
(i) Pushkin (with prescribed texts) as set for paper 7*c* of the B.A. in Russian Language and Literature	—
(ii) Gogol (with prescribed texts) as set for paper 8*c* of the B.A. in Russian Language and Literature	—
(iii) Dostoyevsky (with prescribed texts) as set for paper 7*d* of the B.A. in Russian Language and Literature	—
(iv) Tolstoy (with prescribed texts) as set for paper 8*d* of the B.A. in Russian Language and Literature	—

	Lectures, Classes and Seminars
(v) Mayakovsky (with prescribed texts) as set for paper 7*e* of the B.A. in Russian Language and Literature	—
(vi) Pasternak (with prescribed texts) as set for paper 8*e* of the B.A. in Russian Language and Literature	—
(*e*) The Russian Symbolists (with prescribed texts) as set for paper 7 and 8*e* of the B.A. in French and Russian	—
(*f*) Link paper which may be set by individual colleges	—

Syllabuses for the papers from the B.A. in Russian Language and Literature and the B.A. in French and Russian are given in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students.*

The School must approve the candidate's choice of papers.

There is also a practical test in Phonetics to be taken on the same occasion as paper 3, and a Russian oral examination.

B.A. Honours (Combined Subjects) in Two Modern Languages

The School provides teaching at present in French/Spanish, French/Russian, German/Russian and German/Spanish. Syllabuses for these courses are given in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students.*

B.Sc. Mathematics

The regulations for Part II of this degree in Mathematics apply only to candidates registered before October 1971.
(Only third-year lectures and classes have been listed)

Part II

The examination consists of eight papers as follows:

	Lectures, Classes and Seminars
1 and 2. Real Variable, Analysis and Mathematical Methods	911, 911a
3. Algebra and Complex Analysis	909(b)
4. Theory of Probability	910, 910a
5, 6, 7 and 8. *Four* papers chosen from options (*a*) to (*m*).	
Students interested in Statistics should include options (*a*), (*b*) and (*c*).	
Students interested in Computing should include options (*c*), (*d*) and (*e*).	

	Lectures, Classes and Seminars
Students interested in Economics should choose options (*a*), (*f*), (*g*) and (*h*).	
Students interested in Sociology should choose four from (*a*), (*c*), (*i*), (*j*) and (*k*).	
(*a*) Probability, Distribution and Sampling Theory	930
(*b*) Theory of Statistical Methods	927–8
(*c*) Numerical Methods and Programming	950(ii), 950(ii)(a)
(*d*) Elements of Computer Science	941(ii), 949, 949(a)
(*e*) Management Data Processing	161, 944, 944(a), 947–8a
(*f*) Mathematical Economics I	36(ii), 36(a)
(*g*) Mathematical Economics II	37(ii), 37(a)
(*h*) Econometric Theory	34, 34(a)
(*i*) Social Statistics and Survey Methodology	928, 936, 972
(*j*) Demography II	681, 685–6
(*k*) Social Structure of Modern Britain	845(a), 846
(*l*) Actuarial Statistics	939, 939(a)
(*m*)Management Mathematics	953–954(a)
(*n*) Algebra III	912, 912a

Students of the School are subject to the following restrictions: option (*e*) cannot be taken without (*d*); (*j*) cannot be taken without (*c*), and in both cases attendance at a course in Fortran is necessary. Further, (*f*) may be taken only by those who have taken Introduction to Mathematical Economics at Part I and (*g*) may be taken only by those taking (*f*).

Subject to the approval of the School students may choose options not included in the above list when they are available.

The examiners shall be at liberty to test any candidate by means of oral questions.

There will be no reference in the examination.

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.

Degree of Bachelor of Science (Sociology)

Branch I (*only for candidates registered before October* 1971)

The examination will consist of ten written papers as follows:

	Lectures, Classes and Seminars
1. Theories and Methods of Sociology	837, 841–2
2. Statistical Methods in Social Investigation	—
3. Comparative Social Institutions	844(a)
4. Ethics and Social Philosophy	—
5. Social Psychology	699(i) and (iii), 699b
6. Economics	—

7 and 8.	*Lectures, Classes and Seminars*
Either	
(*a*) Social Structure of Modern Britain (2 papers)	266, 845(a)–6
or (*b*) Graeco-Roman Civilisation (2 papers)	848
or (*c*) European Civilisation in the Middle Ages[1] (2 papers) (*Some other society or group of societies may be offered as an alternative for papers* 7 *and* 8 *with the permission of the University*)	—
9 and 10. Any *two* of the following:	
(*a*) Social Structure and Social Change	850, 850(a)
(*b*) Social Policy and Social Administration	741, 744–6
(*c*) Comparative Morals and Religion	—
(*d*) Criminology	855(ii), 855(b)
(*e*) Demography	684(a)
(*f*) Political Sociology	852(b)
(*g*) Industrial Sociology	345(ii), 853(a)–4
(*h*) General Principles of Cultural and Social Anthropology	640(a)
(*i*) Sociology of Education	856

The examination will be divided into Part I and Part II. A candidate will be required to sit Part I at the end of the second year and Part II at the end of the third year, and to satisfy the examiners in both Parts. A candidate must satisfy the examiners in Part I before proceeding to Part II. A minimum period of one session must elapse before a candidate, successful in Part I, may present himself for Part II.

The Part I examination will consist of 2. Statistical Methods in Social Investigation, 4. Ethics and Social Philosophy, and 6. Economics.

The examiners shall be at liberty to test any candidate by means of oral questions.

Branch III

(*Only for candidates registered before October 1972*)

The examination will consist of seven written papers and a dissertation:

	Lectures, Classes and Seminars
1. British Social History in the 19th and 20th Centuries	754, 754(a)
2. British Political, Administrative and Legal Institutions	755, 755(a)
3. Economics	42, 757, 758(b)
4. British Social Policy and Administration	740–1, 743–6
5. Social Investigation[2]	918(b)
6. Social Theory[2]	764, 845

[1]There is no teaching for this subject at the School.
[2]These papers will not include questions on Psychology. Students should refer to Courses Nos. 695(i), (iii), 699(i), (iii), 760, 761(a)

	Lectures, Classes and Seminars
7. *One* of the following:	
(*a*) Central and Local Government Administration	530, 535, 551, 747
(*b*) Social Structure and Social Policy in Societies undergoing Industrialisation	8, 11, 749, 849–850
(*c*) The Structure of Social Security	765
(*d*) The Family in Law and in Society	756, 756(a)
(*e*) Industrial Sociology	345(ii), 853–4
(*f*) Criminology	855, 855(b)

8. A dissertation, normally limited to 5,000–7,000 words, to be presented not later than 1 February in the year in which the final examination will be taken. The subject of the dissertation must be approved by the University. The dissertation will be classed as one paper in the final examination. Candidates offering optional subject 7 (*a*) Central and Local Government Administration, will not be permitted to choose a dissertation subject which falls within the field of the selected development for special study prescribed by the regulations for the year in which they will present themselves for the final examination.

The examiners shall be at liberty to test any candidate by means of oral questions.

Vacation Grants for Undergraduate Students

A limited sum of money is given to universities to support vacation work undertaken by students reading for first degrees who hold awards made by local education authorities, the Department of Education and Science, the Scottish Education Department or the Ministry of Education Northern Ireland. Students of the School in these categories are eligible to apply for grants which are currently subject to the following arrangements:

1. Grants will normally be made to support
   (a) full-time vacation study in an approved library, undertaken on the recommendation of the student's tutor;
   (b) approved field work;
   (c) approved vacation study overseas by students in the Department of Language Studies.
2. Approved travelling expenses will be paid in addition to grants for maintenance.

An announcement inviting claims will normally be placed on notice boards about four weeks before the end of each term, and applications should be made not later than two weeks before the end of term.

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

ACCOUNTING

The concessions of the various professional accountancy bodies are granted to holders of the B.Sc. (Econ.) degree with the special subject Accounting and Finance under the Old Regulations. The School has applied for an extension of these concessions under the Revised Regulations. (The Institute of Chartered Accountants in England and Wales has agreed to grant their concessions.)

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a period in articles with a firm of chartered accountants is necessary. Holders of a first degree normally have this period reduced to three years. Full particulars may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, Chartered Accountants Hall, Moorgate Place, EC2R 6EQ.

Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's intermediate examination. At the University of London, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance. Further information is given in the pamphlet *Degree Studies and the Accountancy Profession* (obtainable from the Institute and also from the Registrar of the School).

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

Association of Certified and Corporate Accountants

Students of the Association are not obliged to serve under articles of clerkship, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting departments of a commercial or industrial company, one of the nationalised industries, in national or local government or in the office of a practising accountant (not under articles). They are also permitted to follow a course of full-time study for the Association's examinations if they so wish, provided that they do so at an educational institution approved by the Council.

The period of articles or approved training for graduates is three years. Those who have taken the 'approved degree' (B.Sc. (Econ.) with the special subject Accounting and Finance) are entitled to complete exemption from Sections I, II and III, and the paper in Industry and Finance in Section V of the Professional Examination provided that they have taken the appropriate option in their second and third years.

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

Institute of Cost and Management Accountants

B.Sc. (Econ.) graduates with the special subject Accounting and Finance are

entitled to exemption from the whole of the Part I and Part II examinations of the Institute of Cost and Management Accountants.

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to exemption from the whole of the Institute's Part I examination.

B.Sc. (Econ.) graduates who have offered appropriate subjects in Part II of the final examination may be entitled to exemption from Industrial and Commercial Law in Part III of the Institute's examination.

For information about further exemptions from the Institute's examinations please write to the Chief Education Officer, The Institute of Cost and Management Accountants, 63 Portland Place, London, W1N 4AB.

Institute of Municipal Treasurers and Accountants

The Institute's professional examinations fall into three parts: Intermediate, Final Part 1 and Final Part 2. Graduates may be granted subject for subject exemptions on the basis of papers taken at the degree examinations.

Further information may be obtained from the Secretary, Institute of Municipal Treasurers and Accountants, 1 Buckingham Place, London, SW1E 6HS.

LAW

The Bar

The Council of Legal Education may grant to a student who has obtained a degree in law from a university in England or Wales exemption from entering for the whole of Part I of the examination for call to the Bar or from entering for part of that examination. The conditions under which such exemptions may be obtained are set out in the Consolidated Regulations of the Honourable Societies of Lincoln's Inn, the Inner Temple, the Middle Temple, and Gray's Inn. Full details may be obtained from the Council of Legal Education, Gray's Inn Place, London, WC1R 5DX.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examinations. The normal period of articles is five years, but for candidates who have taken a degree at an approved university the period is reduced to two-and-a-half years. Any first degree of the University of London entitles the holder to this reduction. In the case of law graduates the period for articles is reduced to two years.

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

The Actuarial Profession

Students who have obtained the B.Sc. Mathematics degree, or the B.Sc. (Econ.) degree with Algebra and Methods of Analysis in Part I and Statistics in Part II with

Actuarial Statistics as an optional subject *may* be granted exemption from certain papers in the examinations of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars may be obtained from The Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

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

Regulations for Diplomas Awarded by the School

The School awards the following diplomas:

(1) Diploma in Development Administration

(2) Diploma in Social Administration:

(*a*) One-year Course for Graduates

(*b*) Two-year Course for Non-Graduates

(3) Diploma in Personnel Management

(4) Diploma in Social Work Studies

(5) Diploma in Statistics

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

(1) Diploma in Development Administration

The London School of Economics and Political Science, with support from the Foreign and Commonwealth Office (Overseas Development Administration), offers a course in Development Administration which has special reference to the needs of the 'developing' countries.

It is designed for men and women who work in the civil service, public corporations or suitable types of business in relatively low-income countries. One of the purposes of the course is to assist a student to stand outside the immediate circumstances of his own country and to consider general questions about the methods and organization of development. He will be encouraged to examine the policies and methods of western countries, and to assess for himself their suitability for his own country's problems.

Though western ideas, institutions and experience are drawn on extensively 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 administrative 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 administrative appointments. A small number of students from western countries may be admitted. The number of students to be admitted in any one year will, however, be limited.

The course covers one academic year and runs from late September until the beginning of July.

The course will cover the following subjects:

(*a*) Governmental aspects of development

(*b*) Social aspects of development

(*c*) A third field of concentration

The alternatives offered under (*c*) will depend upon individual qualifications and the availability of teaching facilities and tutorial assistance. Subjects offered in the past have included for example, The Role of the Higher Civil Service in the District Administration of India, Voluntary Organizations and Social Services of Jordan, Housing Problems in Afghanistan, The Growth and Characteristics of Public Corporations in Britain, Italy and Pakistan, Rural Community Development in Pakistan, International Economics and Price Theory, Juvenile Delinquency in Uganda, and Monetary Policy in Mexico. The availability of each specialisation will depend upon individual qualifications.

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

Those who satisfy the examiners will be awarded a Diploma by the School.

The syllabus will be treated in a series of special lectures and classes accompanied by an interdisciplinary seminar, but members of the course will also be encouraged to attend a variety of other lectures and seminars, selected to meet their particular needs. Examples of lecture courses which may be of particular interest are given on pages 323-4 in Part III of the Calendar.

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

Regulations

1. There shall be a Diploma in Development 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.

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

(*a*) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;

(*b*) *either* (i) he shall be a graduate of a university

or (ii) he shall, in the opinion of the tutors to the course, have practical experience or other qualifications of special relevance to the course;

and (*c*) he shall have had not less than two years' experience of administrative work, unless the tutors to the course should waive this condition.

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 to be determined by the tutors to the course. Candidates will normally take papers in three subjects:

(i) Governmental Aspects of Development

(ii) Social Aspects of Development

(iii) Special subject to be chosen in accordance with the candidate's qualifications and interests. The choice of special subject shall be approved by the tutors, after consultation with the candidates.

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

6. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate in the first two terms of the course.

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

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

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

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

11. Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those parts of the examination, if any, in which they have passed.

12. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself, but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not, without the special permission of the examiners, more than one further occasion.

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 for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

(2) Diplomas in Social Administration

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

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

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

Diploma for Graduate Students

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

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

	Lectures, Classes and Seminars	
	U.K.	*Overseas*
1. Social Policy and Administration	740–1, 743–6, 750–1, 753	7–8, 740–1, 748, 750–1
2. The Economic and Social Background to Social Policy and Administration	20, 25, 42, 757–8a, 918–9	20, 87–8, 640, 757–8a, 918–9
3. Psychology and Social Structure	695(i) and (iii), 760, 761b, 762b, 830(ii), 845, 855	695(i) and (*iii*), 760, 761b, 762c, 830(ii), 855

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

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

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

Graduates of overseas universities must apply by 31 January if they are applying from overseas and by 1 March if they are in the United Kingdom. They should have had practical experience of at least one year's duration, preferably in their own country, in the social welfare field or in other relevant work. They are normally required to take an entrance examination, for which there is a fee of £1, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Overseas graduates of a British

university are not required to take the entrance examination, but they should have had the year's practical experience. The Diploma course is adapted to meet the needs of students, both from the United Kingdom and from overseas, who intend to work outside the United Kingdom, and separate papers for these students are set in the examination for the Diploma. British graduates who wish to follow this 'overseas option' should have had a year's practical experience in an overseas country.

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

Regulations

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

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

(*a*) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;

and (*b*) he shall be a graduate of a university.

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

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

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

(1) Social Policy and Administration

(2) The Economic and Social Background to Social Policy and Administration

(3) Psychology and Social Structure

6. In each subject of the examination a separate paper shall be set for students from overseas.

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

8. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of two papers and the examiners do not consider his failure in the third to be serious they may, at their discretion, declare him to be referred in that paper.

9. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

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

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

12. 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.

13. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the convener of the department, are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners in the examination and who is not referred in any paper, may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper, Regulation 9 shall apply to him.

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

Diploma for Non-Graduate Students

The full-time course for the Diploma for non-graduate students covers two academic years. Students are required to undertake a minimum of sixteen weeks' full-time field work to be done during the vacations.

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

	Lectures, Classes and Seminars
1. Elements of Social Analysis	830(ii), 845, 855, 762a and b
2. Social Policy and Administration	262, 740–1, 743–6, 750–1, 753
3. Psychology	695(i) and (iii), 760, 761b
4. Social Economics	20, 25, 42, 757–8a, 918–9

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

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October of the year for which they seek admission, and have completed a period of employment or other suitable experience of approximately one year between leaving school and the date at which they wish to begin the course. They must take an entrance examination, for which there is a fee of £1, and those who reach the required standard in the examination may be called for interview. If necessary, arrangements can be made for the examination and the interview to take place overseas. Applications must be made by 31 January preceding the session in which admission is desired. Application forms may be obtained from the department of Social Science and Administration.

Regulations

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

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

(*a*) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;

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

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

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

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

(1) Elements of Social Analysis
(2) Social Policy and Administration

(3) Psychology
(4) Social Economics

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

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

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

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

11. 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.

12. A candidate who fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

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

(3) Diploma in Personnel Management

The School offers a full-time course of study for men and women intending to seek employment as Personnel Officers. It is designed to give students knowledge and understanding of the principles and problems of Personnel Management, both by theoretical study and by direct experience. For this purpose the School is fortunate in the assistance received from companies and management organizations, which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department.

A person to whom the Diploma is awarded may seek exemption from the examinations of the Institute of Personnel Management. The Institute has recently amended its requirements and in order to obtain the Graduate Membership grade of the I.P.M. candidates must now pass an examination in the following subjects:

Economics
Psychology
Sociology
Statistics
General Personnel Management, and
either Industrial Relations
or Training and Education
or Recruitment and Employee Services

To obtain the Membership grade further examinations must be taken in

Personnel Management Policies
Management Systems, and
either Industrial Relations (advanced)
or Training and Education (advanced)

The Institute has agreed to give exemption to all students passing the L.S.E. Diploma examinations except for the paper in Personnel Management Policies, which will be conducted by the I.P.M. itself and can be taken only after the completion of the course at L.S.E. The L.S.E. Diploma course, as will be seen below, differs in some respects from the Institute's programme, especially with regard to optional subjects, but the changes have been agreed by the Institute.

The major change under this new scheme is the need for students to pass examinations in the basic social science disciplines: economics, psychology, sociology and statistics, if they have not taken these subjects in their undergraduate work. For students who cannot gain exemption from these subjects, the Diploma course will last fifteen months and the programme will be as follows:

August	Intensive course in the social sciences at L.S.E.
September	First period of practical work in industry
October to May	Academic studies, with examination at the end of May in Economics, Psychology, Sociology, Statistics
June	Workshops at L.S.E.
July	Second period of practical work in industry
August	Revision at L.S.E. and Diploma examination (for subjects see below)
September to October	Project (report on project and oral examination based on project at end of October)

Exemption from the basic social science examinations will be given on a subject for subject basis depending on examinations passed in undergraduate courses or other comparable courses. In making application for the course students should list the subjects for which they claim exemption, stating why they should be exempt. Students who are granted full exemption will be able to complete the course in twelve months. Their programme will be as follows:

September	First period of practical work in industry
October to mid-March	Academic study
Mid-March to mid-May	Project (report on project and oral examinations based on project in mid-May)
June	Workshops at L.S.E.
July	Second period of practical work in industry
August	Revision at L.S.E. and Diploma examination in the following subjects:

Industrial Relations and Industrial Law
Applied Behavioural Sciences
Management Systems
Principles and Practice of Personnel Management

Arrangements have been made with the Social Science Research Council for an extension for maintenance grants for students who are required to follow the extended course.

Applicants resident in the United Kingdom should have either a degree or a social science diploma from a British university, or should have had considerable industrial or commercial experience. Those without a degree or diploma should be at least 24 years of age and must take the entrance examination, for which there is a fee of £1. Only those who reach the required standard will be called for interview. All applicants who are exempt from the entrance examination will be interviewed. Non-graduates should apply by 1 January preceding the session for which admission is desired. Applications from graduates will continue to be accepted up to 1 June. For candidates who apply by 1 January, interviews will be held during the Easter vacation. The entrance examination will be held early in March.

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

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

Regulations

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

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

(*a*) he is a graduate of a university
or (*b*) he holds a certificate or diploma in Social Science
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 convener of the department of Social Science and Administration). The examination shall comprise the following:

	Lectures, Classes and Seminars
Part I	
Four paper as follows:	
1. Industrial Relations and Industrial Law	345(ii), 348, 447
2. Applied Behavioural Sciences	351, 351a, 781, 830(ii)
3. Management Systems	25–6, 165, 169, 354, 918–9, 944, 995
4. Principles and Practice of Personnel Management	780-780b
Part II	
An oral examination based on the report of an investigation undertaken by students during the 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. For the oral examinations, external examiners shall be appointed who, in addition to the appropriate academic qualifications, hold or have held a responsible position in personnel management in industry or commerce. All the external examiners shall be persons who at the time of the examination are

not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. A candidate shall be required to satisfy the examiners in each paper of Part I and in Part II of the examination; provided that a candidate who has reached the prescribed standard in three papers in Part I and in Part II may, if the examiners think fit, be declared by them to be referred in the remaining paper of Part I.

7. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of those occasions he is successful in attaining the prescribed standard he shall be treated as having satisfied the examiners in the whole examination.

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

9. The examiners may recommend for an aegrotat a candidate who

(i) has completed the full period of study and any field work or practical work required by the regulations;
(ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma;
(iii) has made application, supported where appropriate by a medical certificate, to the Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as he has attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had he completed the examination, the candidate would clearly have reached a standard which would have qualified him for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

10. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the convener of the department, are sufficient, fails to present himself for examination, or who presents himself, but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 7 shall apply to him.

(4) Diploma in Social Work Studies

(This Diploma replaces the Diploma in Applied Social Studies and the Diploma for Social Workers in Mental Health.)

The School offers a one-year course in social work leading to a Diploma in Social Work Studies. The main subjects of study are principles and practice of social work, with special attention to casework, but including also the study of group work,

community work and residential work; human growth and development, social influences on behaviour, deviations from normal patterns of living created by ill health, disablement, mental disorder, delinquency and deprivation of family life.

Field work teaching under supervision, undertaken in various social work agencies, e.g. local authority social work departments, social work departments of general and psychiatric hospitals, is an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course.

The course is a generic one and students have a choice of field work placements. On qualifying they become eligible for membership of the appropriate professional associations. In addition to working as practitioners in different fields of social service those qualifying by means of this professional course are in demand for a variety of posts carrying responsibility for teaching, supervision and administration.

Applications will be considered in order of receipt, and in any case not after 31 January in the year in which admission is desired. Candidates are admitted to the course on the recommendation of a selection committee which takes into account personal suitability for the practice of social work as well as qualifications, experience and age (see regulations below). Candidates are expected to have had at least a year's experience in social work before the course commences at the beginning of October. Only in exceptional circumstances will candidates with less experience be admitted to the course. Further particulars may be obtained from the Secretary, Social Work Courses, Department of Social Science and Administration, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE. Letters should be clearly marked 'Diploma in Social Work Studies'.

Regulations

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

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

either (*a*) he holds a university degree or diploma or certificate in the social sciences approved for this purpose by the convener of the department of Social Science and Administration (hereafter referred to as the convener of the department)
and

(*b*) he has experience in social work or work of a similar nature

or (*c*) he has attained the age of 25 years and has satisfied the convener of the department that he is adequately qualified:

(i) by experience in social work or work of a similar nature
and

(ii) by reason of having followed a systematic course of study in the social sciences.

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

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department. The examination shall comprise the following papers:

1. Human Growth and Behaviour
2. Social Work and Social Administration
3. Social Pathology

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the convener of the department.

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

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in two of the three papers and the examiners do not consider his failure in the other to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

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

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

11. 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.

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

(5) Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. The course is intended for graduates with first degrees specialising in subjects other than statistics, but including some study of statistics. The mathematics background required is approximately that of an Advanced level pass in the General Certificate of Education examination. The Diploma will furnish a basis for further graduate work in statistics as well as provide a qualification for those who wish to embark on a career as a statistician.

Members of the staff of the Statistics department will advise prospective applicants on the relative suitability of the Diploma course and the M.Sc. Statistics course for particular individuals. Generally speaking, the M.Sc. can be obtained in one year only by students who have done a substantial amount of statistics during their first degree courses. In suitable cases it will, however, be possible for a student to obtain the M.Sc. by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form by 1 February to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London, WC2A 2AE.

The department reserves the right to cancel lecture courses for any option for which there are fewer than four candidates. In such cases candidates will be prepared for the examination by tutorials and directed reading.

Regulations

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

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the convener of the department of Statistics.

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

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Statistics. (**Note** Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.)

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the following list:

	Reference Nos. of Courses
1. Statistical Theory	981, 981a
2. Statistical Methods and Inference	928, 930, 930a, 981, 981a
3. *Either* (i) Mathematics A	913
or (ii) Mathematics B	914, 914a
4. Social Statistics and Survey Methodology	928–9, 936, 972
5. Demography	680–1, 684–6
6. Management Mathematics	952–4a
7. Economic Statistics	932–3
8. Economics treated Mathematically	32, 32a, 954, 954a
9. Any other approved paper	—

A candidate may not offer a paper in which he has been examined at first degree level or its equivalent.

A candidate will normally be expected to include papers 1, 2 and 3 in his selection unless he can satisfy his supervisor that he has already reached the required standard in any of these three papers.

5. In order to qualify for the award of the Diploma each candidate shall be required to attend a course on computer programming.

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

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

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

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

10. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

The Graduate School and Regulations for Higher Degrees

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

In the session 1971–72, 1,490 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University, but qualified applicants are admitted to do research under supervision without working for a degree.

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

As regards advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a Master's degree by examination. Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the individual courses involved, which are now provided in the different subjects on a very extensive scale.

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

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

A separate handbook, *The Graduate School*, issued each session, is obtainable by post on request. A copy may be obtained from the Graduate School Office by students applying personally for postgraduate registration. It contains a fuller description of graduate facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School and notes on library and social facilities.

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

Note If a candidate who has been offered admission for October fails to register

at the School by 30 October, without adequate reasons and without informing the School in advance of his inability to register in time, the offer of admission will be automatically cancelled.

For all further particulars on facilities and procedure, students are referred to the handbook *The Graduate School.*

Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. The fact that a student has satisfied the general requirements of the University of London does not mean that he will obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. The School may specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take a qualifying examination either before a decision is made on their application, or after the first year of registration at the School. A copy of the full University regulations of the relevant degree is available for inspection in the Graduate School Office. The School is able to distribute copies only to students registered for research degrees. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

The Higher Doctorates

The School does not register candidates for higher doctorates. For the D.Sc. (Econ.) and D.Lit., published work alone can be considered by the examiners. Only London graduates are eligible for these doctorates, and applicants should communicate directly with the Academic or External Registrar of the University of London as to the conditions and regulations pertaining to them.

External Higher Degrees

Only graduates of London University (either internal or external) may proceed to *external* higher degrees of the University. It is **most unusual** for candidates for external higher degrees to be registered at the School, but the Graduate School Committee may in special cases consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates registered for internal degrees.

Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Graduate School Office. Only the final submission of theses and detailed arrangements for all examinations are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

Degrees Available and Other Forms of Registration at the School

The degrees for which a student may register at the London School of Economics are as follows:

(*a*) Doctor of Philosophy (Ph.D.)

(*b*) Master of Philosophy (M.Phil.)

(*c*) Master's Degrees:
Master of Laws (LL.M.)
Master of Science (M.Sc.)
Master of Arts (M.A.)[1]

The Ph.D. may be awarded in the Faculties of Arts, Laws, Science and Economics.

The M.Phil. may be awarded in the Faculties of Arts, Laws, Science and Economics.

The M.Sc. may be awarded in the Faculties of Science and Economics.

As previously indicated, the School accepts under the Research Fee, students wishing to carry out research without taking a higher degree of London University. Such students may attend lectures and seminars relevant to their research work, and they are allocated to a supervisor.

Candidates may register at the School for the University Diploma in Social Anthropology, or the School Diploma in Statistics. Candidates may also register for the School Diploma in Social Administration, but applicants for this diploma should address their enquiries direct to the Department of Social Science and Administration at the School. For details see pages 249–255.

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

Regulations Common to the Ph.D. and Master's Degrees

1. Recommendations for registration must be submitted by the School to the University not later than three months after the date on which the course is begun. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. No retrospective registration towards another degree is allowed for any period spent on the M.Sc.

2. A candidate who has been accepted by the School must be registered with the University as soon as he starts his course at the School. A candidate's registration cannot be recommended to the University until the School has received *official* evidence of all his previous university qualifications. Candidates for the one-year M.Sc. must be registered within two months of taking up their course.

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

Registration fees are not normally returnable.

3. If a student does not begin his course of study within one calendar year from

[1]The only branches of this degree for which the School registers candidates are International History and Area Studies.

the date of the approval of his registration the approval of his registration will lapse and he must apply again for registration if he still desires to proceed to a higher degree.

4. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. A student upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School and the University.

If the qualifying examination imposed consists of a paper or papers from an existing University examination, the fee payable by the candidate is prescribed by the University: £5 for a single paper, £10 for more than one paper. In this case, the candidate is required to submit an entry form to the University by the date prescribed in the regulations for the relevant examination.

5. It is essential that the student, whilst pursuing his course of study as an internal student, should be prepared to attend personally for study in a college, school or institution of the University during the ordinary terms at such time or times as his supervising teacher may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.

6. Leave of absence may, under proper conditions, be permitted if the material for the work of a student registered for the M.Phil. or Ph.D. exists elsewhere. A full-time student granted leave of two terms or more must have been in attendance before entry to the degree examination for not less than four terms at the School and a part-time Ph.D. student not less than seven terms; neither the first nor the last term of the course can be counted as leave of absence.

7. The greater portion of the work submitted as a thesis for a degree must have been done since the student was registered as an internal student of the University.

8. All theses must be written in English and every candidate will be required to forward to the University the prescribed number of copies of his thesis and of a short abstract thereof comprising not more than 300 words. The abstract should be bound with each copy of the thesis submitted to the University.

9. A candidate will not be permitted to submit as his thesis a thesis for which a degree has been conferred on him in this or any other university, but a candidate shall not be precluded from incorporating work which he has already submitted for a degree in this or any other university in a thesis covering a wider field, provided that he shall indicate on his entry form and also in his thesis any work which has been so incorporated.

10. A student submitting a thesis in typescript will be required to supply, at the time of the examination, two of the required copies of his thesis (*one* of which must be the typescript itself, *not* a carbon copy) bound in accordance with the following specification:

size of paper: quarto (10 inches by 8 inches) or International A4 (11.7 inches by 8.3 inches), except for drawings and maps on which no restriction is placed. Margins of 1½ inches to be left on each side to allow for binding. Bound in a standardised form as follows: art vellum or cloth; overcast; edges uncut; lettered

boldly up back in gold (¼ inch to ½ inch letters), DEGREE, DATE, NAME; short title written or printed neatly and legibly on the front cover.

(The name and address of a firm of bookbinders in London, who will bind theses to this specification, may be obtained from the Academic Registrar, University of London, Senate House, WC1E 7HU).

11. Except with the special permission of the Academic Council an internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor for any combination of these awards. No student who is registered as an external student may be registered concurrently as an internal student.

The Degree of Doctor of Philosophy

(See also the section on common regulations.)

1. The following are eligible, by University regulations, to apply for registration for a Ph.D. degree:

(i) A graduate of London University;

(ii) A graduate of another university;

(iii) The holder of an approved diploma in certain educational institutions of university rank.

An applicant 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 Graduate School as a candidate for the Ph.D. degree; and one who has not already obtained a Master's degree of this or another university will usually be required to register, in the first place, for a Master's degree. A candidate who is required to satisfy any qualifying conditions *before* registration for the Ph.D. degree will not be permitted to count the time spent up to the time of obtaining these qualifications towards his course of study for the Ph.D. degree.

2. A student is required to register as an internal student before proceeding to the Ph.D. degree. When applying for registration he must submit satisfactory evidence of his qualifications to proceed to this degree. The registration form, when completed, must be returned to the Graduate School Office.

3. In the Faculty of Laws, a candidate must have obtained either the LL.B. with first class honours or the LL.M. of London University or a degree of another university, assessed by London University as equivalent to one of these. In exceptional cases exemptions from these requirements may be granted.

4. A student registered for the Ph.D. who wishes to proceed instead to the M.Phil. must apply through the School for permission to do so. The length of further course, if any, which he will be required to pursue for the M.Phil. will be prescribed in each case by the University. On registering for the M.Phil. his Ph.D. registration will lapse.

Course of Study

5. Every candidate must pursue as an internal student:

(*a*) a course of not less than two academic years (in the Faculty of Science two calendar years) of full-time training in reasearch and research methods, or

(*b*) a part-time course of training in research and research methods of not less than three academic years.

Note Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than three calendar years.

6. A research student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.

7. The course must be pursued continuously, except by special permission of the Senate.

8. Not later than nine months before the date when he proposes to enter for the examination the student must submit through the Graduate School Office the title of his thesis for approval by the University. After the title of the thesis has been approved it may not be changed except with the permission of the University.

Thesis

9. After completing his course of study every candidate must submit a thesis which must comply with the following conditions:

(*a*) The greater portion of the work submitted therein must have been done after the registration of the student as a candidate for the Ph.D. degree.

(*b*) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.

(*c*) It must be written in English and be satisfactory as regards literary presentation, and if not already published in an approved form, must be suitable for publication, either as submitted or in an abridged or modified form.

(*d*) Theses for the Ph.D. in Geography and Philosophy shall not exceed 75,000 words in length unless permission to exceed this limit has been granted by the University.

(*e*) For the Ph.D. in the Faculty of Economics the thesis shall not exceed 75,000 words in length, exclusive of bibliographies and technical appendices, unless permission to exceed this length has been granted by the University.

(*f*) In the field of History no thesis shall exceed 100,000 words in length (inclusive of footnotes and appendices, other than documentary appendices, but exclusive of bibliography). This regulation does not apply to editions of a text or texts.

(*g*) Theses for the Ph.D. in Anthropology shall not exceed 100,000 words in length, excluding notes, bibliography and appendices, unless permission to exceed this limit has been granted by the University.

A candidate wishing to exceed the prescribed limit may apply for permission to the University through his supervisor and the Graduate School Office, such application being made at least six months before the presentation of the thesis.

10. The thesis must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher who has supervised the work, provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only.

11. The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

Entry for Examination

12. Every candidate must apply to the Graduate School Office for a form of entry, which, when completed and countersigned by the School authorities, must be sent to the University together with the proper fee not earlier than six months and not later than two months before the submission of the thesis.

13. Every candidate must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the prescribed period. The certificate must be submitted before, or at the same time as the thesis is submitted. The thesis may be submitted on or after the first day of the month following that in which the prescribed course of study is completed. A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June of the relevant year.

A candidate who will not be ready to submit his thesis at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of his course. A candidate who does not submit his form of entry within one calendar year must apply again to the University for admission to the examination if he still desires to proceed to the degree.

If a candidate has not submitted his thesis for examination within eighteen months after submission of the form of entry for the examination, his entry will be cancelled and the fee refunded less £9.

A candidate registered for the Ph.D. degree will be required to submit three copies of his thesis typewritten or published in his own name. In the Faculty of Arts or Science he is required to bring an additional copy to the oral examination adequately bound and paginated in the same way as the three copies submitted to the University.

14. The candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a candidate submitting such subsidiary matter he will be required to state fully his own share in any conjoint work.

Examination

15. After the examiners have read the thesis they may, if they think fit and without further test, recommend that the candidate be rejected.

16. If the thesis is adequate the examiners 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 and, if they see fit, on subjects relevant thereto; provided that a candidate for the Ph.D. degree in the Faculty of Arts who has obtained the degree of M.A. in the same subject in this University shall in any case be exempted from a written examination.

17. If the thesis is adequate, but the candidate fails to satisfy the examiners at the oral, practical or written examination held in connection therewith, the examiners may recommend to the Senate that the candidate be permitted to re-present the same thesis and submit to a further oral, practical or written examination within a period not exceeding eighteen months specified by them. The fee payable on re-entry to the Ph.D. examination by a candidate referred in this way is £17·50 for an oral examination, and £25 for a written or practical examination.

18. If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may recommend to the Senate that the candidate be permitted to re-present his thesis in a revised form within eighteen months from the decision of the Senate with regard thereto, and the fee on re-entry, if the Senate adopt such recommendation, shall be £25. The examiners shall not, however, make such recommendation 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 a candidate who, under this section, has been permitted by the Senate to re-present his thesis in a revised form.

19. If the thesis is otherwise adequate, but requires minor amendments, and if the candidate satisfies the examiners in all other parts of the examination, the examiners may require the candidate to make, within one month, specified amendments to their satisfaction or that of one of their number nominated by them.

20. If, after completion of the examination or re-examination for the Ph.D., the examiners are of the opinion that a candidate does not justify a recommendation for the award of that degree nor for the re-presentation of the thesis in a revised form for that degree, they may at their discretion recommend that the candidate be eligible to apply for the award of the M.Phil. under the following conditions and procedures. No recommendation under this regulation shall be made unless the examiners are satisfied that the candidate has reached the standard required for the award of the M.Phil.

(*a*) On approval of the examiners' report, the candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has been adjudged eligible to apply within two months for the award of the M.Phil. if he so wishes.

(*b*) A candidate who applies 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.

(*c*) Upon an eligible candidate making application for the award of the M.Phil. for which no additional forms of examination are prescribed, he will be informed that the degree of M.Phil. has been conferred on him as from the date of the approval of the recommendation of the examiners for the Ph.D.

(*d*) Upon an eligible candidate making application for the award of the M.Phil. for which additional forms of examination are prescribed, he will be informed that the degree of M.Phil. will be conferred on him as from the date of his satisfying the examiners at such additional examinations. Should such a candidate fail to satisfy the examiners at any or all of the additional forms of examination, the question of his re-entry therefor will be governed by the regulations for the M.Phil. so far as applicable.

(*e*) An eligible candidate who does not apply for the award of the M.Phil. 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 is no longer eligible to apply for the award of the M.Phil. under this regulation.

21. For the purposes of the oral, practical or written examination held in connection with his thesis the candidate will be required to present himself at such place as the University may direct and upon such day or days as shall be notified to him.

22. Work approved for the degree of Ph.D. and subsequently published must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

Master's Degrees

General Note on Regulations for Master's Degrees
(See also the section on common regulations.)

1. The following are eligible, by University regulations, to apply to the School for registration for a Master's degree:

(i) A graduate of London University
(ii) A graduate of another university
(iii) A candidate who has obtained a qualification of an approved standard after a course of study extending over not less than three years in a university (or educational institution of university rank) overseas.

2. A student is required to register as an internal student before proceeding to a Master's degree. When applying for registration he must submit official evidence of his qualification to proceed to a Master's degree.

3. A student admitted to the School must be recommended to the University for registration as a candidate for a Master's degree. The prescribed form for this official recommendation must be completed and returned to the Graduate School Office immediately after registration at the School.

4. Students required to enter for a special examination or for the whole or a part of an examination for a lower degree as a qualification for admission to the examination for a Master's degree, will generally be required to pass such a qualifying examination at least one year before entry to the examination for the Master's degree. The lower degree, however, will not be granted to such persons.

5. A candidate registered for the M.Phil. who subsequently desires to proceed instead to the Ph.D. degree must apply through the authorities of his college, school or institution for permission to do so. A full-time or part-time student may be granted retrospective registration for another degree in respect of part of his previous course of study.

6. A student registered for a Master's degree is required to pursue an approved course of study. When he applies to be examined for the degree (by completing an entry form obtainable from the Graduate School Office) he must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the minimum period prescribed by the University. For course work degrees the certification is incorporated in the entry form.

7. A student registered for the M.Phil. will not be permitted to publish his thesis *as a thesis approved for the Master's degree* without the special permission of the University.

8. Information about the examinations for each of the Master's degrees is to be found below.

9. Candidates who are prevented owing to the death of a near relative, or contact with an infectious illness, or by their own illness from taking all or part of a written examination under revised regulations for the degree of M.A. or M.Sc. in the Faculty of Economics at the normal time, may, with the approval of the relevant Boards of Examiners, (i) be set a special examination in the papers missed, as soon as possible after that date or (ii) if electing to re-enter the written examination at the normal time, submit their reports, essays or dissertations immediately or at the time of re-entering the written papers. Application on behalf of such candidates must be made by the School, be accompanied by a medical certificate and reach the Academic Registrar, University of London, Malet Street, London, WC1E 7HU, within seven days from the last day of the examination.

The Degree of Master of Science (M.Sc.) in the Faculty of Economics

The degree of Master of Science in the Faculty of Economics is awarded to candidates successfully completing examinations based on courses which fall within any of the following branches:

Accounting and Finance
Business Studies[1]
Demography
Econometrics and Mathematical Economics
Economics
Economic History
European Studies
Geography
Industrial Relations
International History
International Law[1]
International Relations
Logic and Scientific Method
Management Studies
Operational Research
Planning Studies
Politics
Social Administration and Social Work Studies
Social Anthropology[1]
Social Psychology
Sociology
Sociology with special reference to Education[1]
Sociology with special reference to the Sociology of Medicine[1]
Statistics

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

Qualifications for Admission

A graduate who has not obtained at least a **second class honours degree** in this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Sc. degree.

Registration with the University

Candidates accepted for the M.Sc. must be registered with the University (through the Graduate School Office) immediately after the beginning of their course. Candidates should complete the University registration forms and return them to the Graduate School Office. Their registration cannot be recommended to the University until official evidence of their qualifications has been received by the Graduate School Office. There is no provision for retrospective registration for the M.Sc.

Course of Study

The course of study will extend over not less than **one** academic or **one** calendar year[2], but a candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to extend his course over **two** years and to pass a qualifying or preliminary examination not less than one year before entry for the degree examination.

No candidate will be admitted to the School to follow the course of study for the M.Sc. degree except at the beginning of the session.

A candidate who has been admitted to the School as a part-time student will be required to extend his course of study over two academic or two calendar years.

Examination

The examination in each branch of study will take place once a year, either in the third week of June or in the first week of September.[1] It will consist of written papers, where appropriate a test of practical work or an essay written during the course of study, and, at the discretion of the examiners, an oral examination.

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

[2]In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics and Mathematical Economics, European Studies, Industrial Relations, International History, International Relations, Logic and Scientific Method, Management Studies, Operational Research, Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Psychology, Sociology, Statistics. In the following branches of study the examination will take place in September: Demography, Economic History, Geography, Politics.

Each candidate must apply to the Graduate School Office for a form of entry either by 10 January or by 1 April for the June or the September examination respectively. This form must be sent, duly completed, together with the appropriate fee to the Academic Registrar **not later than 1 February or 1 May.**

A candidate who fails in his examination will not normally be readmitted to the School, but he may re-enter for the examination on **two** further occasions.

A list of candidates for the M.Sc. examination who have satisfied the examiners, will be published, arranged in alphabetical order, by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show superior merit.

A diploma for the M.Sc. degree, under the Seal of the University, will be sent to each successful candidate, after the report of the examiners has been approved by the Senate.

The latest date for withdrawal from the examination is 1 June for the June examination, and 15 August for the September examination.

If a candidate withdraws, for reasons other than his own illness or the death of a near relative, from a written examination for a Master's degree after the last date of entry, but not later than the above date, the entry fee less £9 will be refunded.

Subjects of Study

The following is a list, arranged under branches of study, of the subjects which may be offered. Where approval for a special subject is required it must be sought at the beginning of the course of study.

Where regulations for a branch permit a subject to be chosen from another branch, the examination for that subject will be taken at the same time as the examinations in the branch for which the candidate is registered.

I. Accounting and Finance

The examination will consist of four papers on subjects selected from the list below. The selection must be approved by the candidate's teachers. At least two papers must be written on subject 1.

	Lectures, Classes and Seminars
1. Economic Aspects of Accounting (papers 1–4)	155–7a, 159, 166–171, 937
2. Economics of Industry	84, 84a, 86
3. Management Mathematics	917, 917a, 951, 951a
4. Advanced Mathematical Programming	985–7
5. Advanced Systems Analysis	948, 948b, 949, 949b, 993–4a
6. Any other subject approved by the candidate's teachers	—

If the candidate's teachers approve, an essay or report of not more than 10,000 words, written during the course of study, may be substituted for one of the papers.

II. Business Studies

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

III. Demography

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

	Lectures, Classes and Seminars
1. Demography I	684, 687–8, 690–2

	Lectures, Classes and Seminars
2. Demography II	681, 685, 687–9
3. *One* of the following:	
(i) Methods of Sociological Study	862, 976
(ii) Sociology of Development	865
(iii) Social Structure of Industrial Societies	864
(iv) The Economics of Less Developed Countries and of their Development	87, 88
(v) Economic Growth Historically Considered	282
(vi) Problems of Public Health and Socio-medical Research	693
(vii) Statistical Theory	981, 981a
(viii) Any other subject approved by the candidate's teachers	—

IV. Economics

The examination will consist of four papers as follows:

	Lectures, Classes and Seminars
1. Economic Theory I	53–4a, 56–8a, 60, 60a
2. Economic Theory II	53–5a, 57–9a
3. Methods of Economic Investigation	53–4a, 57–8a, 61, 61a
4. *One* of the following (one paper):	
(i) Advanced Economic Theory I: Theory of Economic Growth	62, 62a, 64
(ii) Advanced Economic Theory II: Linear Economic Models	63–4
(iii) Advanced Economic Theory III: Theory of Investment Planning	65
(iv) History of Economic Thought	30–1, 66, 66a
(v) The Pure Theory of International Trade and Commercial Policy	67, 67a, 69–70
(vi) Theory of Optimal Decisions	39, 71, 915
(vii) Labour Economics	72, 72a, 100
(viii) Monetary Economics	73–5
(ix) Economics of Public Enterprise	—
(x) Economics of Transport	52, 77–80, 108
(xi) Public Finance	81–3, 100, 476
(xii) Economics of Industry	84–6
(xiii) The Economics of Less Developed Countries and of their Development	65, 87–9, 100
(xiv) Agricultural Economics	90–3
(xv) Economic Aspects of Accounting	—
(xvi) Soviet Economic Structure	94–6, 98–9
(xvii) Theory and Implementation of Detailed Planning	94–9
(xviii) International Monetary Economics	68, 68a, 70

	Lectures, Classes and Seminars
(xix) Economics of Education and Human Capital	100–3, 125
(xx) Urban Economics	76, 79–80, 83, 105–6, 108, 110–1, 244–5, 997
(xxi) Marx's Economics in the Light of Contemporary Economic Analysis	112, 112a
(xxii) Any other field of Economics approved by the candidate's teachers	—

In exceptional circumstances (for example, where the M.Sc. Committee is satisfied that a candidate has already attained the appropriate standard in one of the compulsory papers) a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper in the subject selected under 4 or a paper in a second subject under 4.

Note In session 1972-73 there will be no teaching for papers 4 (ix) and (xv).

V. Econometrics and Mathematical Economics

The examination will consist of four papers as follows:

	Lectures, Classes and Seminars
1. *Either* (i) Quantitative Economics I (one paper)	113–4
or (ii) Quantitative Economics II (one paper)	113, 115
2. *Three* of the following:	
(i) Quantitative Economics I (*not if taken under* 1 (i))	113–4
(ii) Quantitative Economics II (*not if taken under* 1 (ii))	113, 115
(iii) Econometric Theory I	119–21, 962–3
(iv) Econometric Theory II (*available only to candidates taking* 2 (iii))	119–21, 964
(v) Advanced Mathematical Economics I	116, 118, 915
(vi) Advanced Mathematical Economics II (*available only to candidates taking* 2 (v))	117–8, 915–6
(vii) Advanced Mathematical Programming	985–7
(viii) Any other subject approved by the candidate's teachers	—

Subject to the approval of the candidate's teachers, a candidate may substitute a record of practical work or an extended essay for one of the papers under 2.

VI. Economic History

The examination will consist of three papers and an essay written during the course of study. The candidate's choice of papers and essay title will require the approval of his supervisor.

	Lectures, Classes and Seminars
1. The sources and historiography of Economic History in one of the following periods:	
(i) England 1350–1500	278
(ii) England in the 17th century	263, 279

	Lectures, Classes and Seminars
(iii) Britain 1783–1850	264, 266, 280
(iv) Britain 1900–1950	264, 280
(v) U.S.A. 1890–1929	267(iii), 281
2. *Either* a second paper under 1 *or* a paper on a specified period in the Economic History of Great Britain or the U.S.A.	
3. An essay of about 10,000 words on an approved topic relating to the period chosen for paper 1	—
4. *One* of the following:	
(i) Economic Growth Historically Considered	282
(ii) The History of Science and Technology in Western Europe in *either* 1500–1750	—
or 1750–1900	—
(iii) The Economic Geography of the U.S.A.	—
(iv) The History of Economic Thought	66, 66a
(v) The Regulation of Industry by Government in the U.S.A.	—
(vi) Elementary Statistics	—
(vii) British Labour History 1815–1939	277
(viii) The Population of the United States of America from Colonial Times to the Present	285

Note In session 1972-73 there will be no teaching for papers 4(ii), (iii), (v) and (vi).

VII. European Studies.

(*For examination in and after June 1974*)

The examination will consist of three papers of which at least two must be chosen from Group I, and an essay not exceeding 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

I

1. European History since 1945
2. The Politics of Western European Institutions
3. The Law of Western European Institutions

II

4. The Politics and Government of an Approved European Country
5. The Political Geography of Western Europe
6. The International Politics of Western Europe
7. The Economics of European Integration
8. The Law of European Economic and Monetary Transactions.

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

VIII. Geography

The examination will consist of four papers as follows:

1. Modern Geographical Thought and Practice

2. Three papers taken in *one* or, in special cases *two*, of the following:
   (i) Economic Geography
   (ii) Historical Geography
   (iii) Social Geography
   (iv) Physical Geography
   (v) Cartography
   (vi) Geography of a Particular Region

   } Appropriate courses, including Nos. 228–40, 242, 245 will be arranged in consultation with supervisors.

As an alternative to one of these papers candidates may submit an essay of not more than 10,000 words on an approved topic.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

IX. Industrial Relations

Candidates will be required to study the structure and functioning of systems of industrial relations in Britain, U.S.A. and other countries. The examination will consist of three papers and an essay or report of not more than 10,000 words on a topic approved by the School authorities, as follows:

1. Industrial Relations (two papers)
2. One paper in one of the following:
   (i) Labour Economics
   (ii) Labour History
   (iii) Labour Law
   (iv) Industrial Psychology
   (v) Industrial Sociology
   (vi) Manpower Planning

   } Supervisors will recommend to candidates the courses appropriate for the option selected.

X. International History

The examination will consist of three papers, and an essay to be submitted in September. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:
   (i) 1688–1740 (iv) 1815–1870
   (ii) 1740–1789 (v) 1870–1914
   (iii) 1789–1815 (vi) 1914–1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under paper 1:
   (i) 1500–1815
   (ii) 1815–1919
   (iii) 1919–1946
3. A special aspect to be studied with the appropriate period under paper 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles. This paper will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers.
4. An essay not exceeding 10,000 words on a topic within the field of the above three papers.

} Courses by special arrangement.

A candidate who is successful in this branch may not enter for the M.A. in International History. A candidate who is successful in the M.A. in International History may not enter for this branch.

XI. International Law

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

XII. International Relations

The examination will consist of three papers and an essay of not more than 10,000 words on an approved topic to be written during the course of study.

The three papers are as follows:	*Lectures, Classes and Seminars*
1. International Politics	581, 584, 592, 601, 609, 626
2. *Two* of the following, to be chosen with the approval of the supervisor:	
(i) Foreign Policy Analysis	582–3(i), 584, 610–1
(ii) International Institutions	587–8, 590, 612, 614, 617, 627
(iii) European Institutions	466, 588–9, 614, 627
(iv) International Theory	596–599, 627
(v) The Politics of International Economic Relations	592, 616
(vi) The Politics of International Law	600, 619
(vii) Strategic Studies	593–4, 603, 624
(viii) War and Crisis in International Politics	—
(ix) International Politics: The Western Powers	583(i), 595, 615
(x) International Politics: The Communist Powers	583(i), 590, 618
(xi) International Politics: Asia and the Pacific	583(i), 584–5, 620
(xii) International Politics: Africa and the Middle East	539, 558, 583(i), 584, 621, 623
(xiii) Any other subject of comparable range in the field of International Relations or one related thereto approved by the candidate's teachers.	—

Note In session 1972-73 there will be no teaching for paper 2 (viii)

XIII. Logic and Scientific Method

The examination will consist of *four* papers *either* all from Option A *or* all from Option B.

Either

Option A: Philosophy of Science	*Lectures, Classes and Seminars*
1. Elements of Mathematical Logic	491–2, 907
2. Advanced Scientific Method	485–7, 489, 496
3. History of Epistemology	488–9, 496
4. Philosophy of Mathematics	494
5. Foundations of Probability and Statistics	924–5

6. Selected Topics in the History of Science and Mathematics	490, 494, 497
7. Methodology of the Social Sciences	498

or

Option B: Mathematical Logic and Philosophy of Mathematics

1. Mathematical Logic	492, 907
2. Advanced Mathematical Logic	493
3. Topics in the Foundations of Mathematics	493
4. Philosophy of Mathematics	494
5. Foundations of Probability and Statistics	924–5
6. Selected Topics in the History of Science and Mathematics	490 494, 497
7. Advanced Scientific Method	485–7, 489, 496
8. History of Epistemology	488–9, 496

XIV. Management Studies

The examination will consist of three papers to be taken in June and a report of not more than 10,000 words on a selected project to be submitted in the following September. For certain options a record of practical work assigned during the course will also be required.

A candidate's choice of options and project will be made subject to the advice and approval of his supervisor.

Candidates whose qualifications on admission are insufficient for their special subject will be required to spend not less than two years on the course and to pass a qualifying examination not later than the end of the first session.

A candidate is required to select one of the following subjects:

A. Accounting and Finance	*Lectures, Classes and Seminars*
1. Economic Aspects of Accounting	151–2a, 155, 155a, 157, 157a, 159, 168, 169, 171, 937
2. and 3. *Two* papers chosen from the list of optional papers with the exception of papers (*f*) and (*l*)	—
or	
Advanced Systems Analysis and one paper chosen from the list of optional papers with the exception of papers (*f*), (*l*) and (*p*)	948, 948b, 949, 949b, 993–4a
B. Industrial Relations and Personnel Management	
1. Industrial Relations and Personnel Management	345(i), 345a, 348–350a, 351a
2. One of the following options: (*e*), (*h*), (*i*), (*j*), (*k*), (*n*)	—
3. One of the following options: (*a*), (*c*), (*l*), (*m*), (*o*), (*p*)	—

	Lectures, Classes and Seminars
C. Systems Analysis	
1. Advanced Systems Analysis	948, 948b, 949, 949b, 993–4a
2. *Either* (i) Operational Research I	982–3a, 985, 985a, 991
or (ii) one of the following options: (*c*), (*d*), (*f*), (*l*), (*m*), (*o*)	—
3. One of the following options: (*b*), (*e*), (*g*), (*h*), (*i*), (*j*), (*k*), (*n*)	—
Optional papers	
(*a*) Computing and Data Processing	940, 940b, 941(i), 941(i)a, 944, 944b, 947, 947b, 949, 949b, 989
(*b*) Commercial Law	—
(*c*) Design and Analysis of Statistical Investigation	959–961a
(*d*) Econometric Theory I	119–20, 962–4
(*e*) Economics of Industry	84, 84a
(*f*) Elements of Operational Research	—
(*g*) Industrial Relations and Personnel Management for Non-specialists	355–6
(*h*) Industrial Psychology	723
(*i*) Industrial Sociology	351, 351a
(*j*) Labour Economics	72, 72a, 100
(*k*) Labour Law	357
(*l*) Management Accounting	151, 151a, 155, 155a, 157, 157a, 937
(*m*) Management Mathematics	917, 917a, 951, 951a
(*n*) Manpower Planning	101, 354
(*o*) Statistical Theory	981, 981a
(*p*) Introduction to Systems Analysis	940, 940b, 944, 944b, 945(ii), 945(ii)a, 947, 947b, 989

In *exceptional* cases one other paper from another branch of the M.Sc. may be substituted for one of the papers listed above, subject to the approval of the candidate's supervisor.

XV. Operational Research

The examination will consist of four papers (or three papers and a report on an approved project) and a record of practical work done during the course. The choice of special subjects must be approved by the candidate's teachers.

	Lectures, Classes and Seminars
1. Operational Research I	982–3a, 985, 985a, 991
2. Operational Research II	155, 155a, 981, 981a, 989, 995–6
3. *Two* (or *one* if a report on an approved project is submitted) of the following options:	
(i) Advanced Mathematical Programming	985–7
(ii) Advanced Operational Research Techniques	956, 956a, 984, 984a, 988, 988a, 998
(iii) Statistical Theory	981, 981a

	Lectures, Classes and Seminars
(iv) Probability, Stochastic Processes and Distribution Theory	955–7
(v) Design and Analysis of Statistical Investigations	959–61a
(vi) Advanced Systems Analysis	948, 948b, 949, 949b, 993–4a
(vii) Advanced Scientific Method	485–7, 489, 496
(viii) Econometric Theory I	119–20, 962–4
(ix) Economic Aspects of Accounting I	151, 151a, 155, 155a, 168, 169, 171
(x) Economics of Transport	77–80
(xi) Industrial Sociology	351–51a, 830(ii)
(xii) Mathematical Methods in Planning	76, 79, 107–8, 244–5, 997
(xiii) Any other subject approved by the candidate's teachers.	—

N.B. A knowledge of mathematics and statistics to the level of the papers in Algebra and Methods of Analysis and Elementary Statistical Theory of the Part I examination of the B.Sc.(Econ) will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

XVI. Planning Studies

Regional and Urban Planning Studies

The examination will consist of three papers and *either* an essay *or* a report of practical exercises.

	Lectures, Classes and Seminars
1. The Economics of Regional and Urban Planning	28(i) and (ii), 28a, 105–6, 107, 109, 122, 241, 243
2. Administration in Regional and Urban Planning	241, 243, 550–50(a), 552–3(a)
3. Geographical Aspects of Regional and Urban Planning	217, 228, 228a, 241–3, 245, 997
4. *Either* an essay of not more than 10,000 words on an approved topic *or* a report of not more than 10,000 words on practical exercises carried out during the course	—

The essay or report on practical exercises must be submitted in September.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

XVII. Politics

The examination will consist of four papers or three papers and an essay written during the course of study.

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

	Lectures, Classes and Seminars
1. History of Political Thought	518–9, 569
2. The Politics and Government of the United Kingdom	546
3. Comparative Government	454, 549

	Lectures, Classes and Seminars
4. Political Sociology	—
5. Theory and Practice of Public Administration	10, 536–7, 550–2, 554–7
6. The Politics and Government of an approved country (other than the United Kingdom), a federation, association or group of countries; or the government and the economy of an approved country. (Candidates may be required to acquire a knowledge of an appropriate foreign language and will normally be required to do a minimum course of two years' study.)	10, 531, 539, 541, 545, 558–9, 561, 564, 567–8

Note In session 1972–3, there will be no teaching for section 4.

XVIII. Social Administration and Social Work Studies

The examination will consist of three papers and an essay written during the course of study.

Candidates will be required to choose *one* of the following options. (Only candidates who have had field work experience in a social work agency and who satisfy the selection committee as to their personal suitability for social work will be considered eligible for option B.)

Either A	*Lectures, Classes and Seminars*
1. Social Policy and Administration	745, 768
2. *Two* of the following:	
(i) Medical Care	769
(ii) Social Security	770
(iii) Welfare Services	771
(iv) Housing and Town Planning	109, 550, 552–3, 772
(v) Community Development	—
(vi) The Sociology of Family Law	—
(vii) Educational Administration	773, 972
(viii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers)	—
3. An essay of not more than 10,000 words on a topic approved by the candidate's teachers	—

N.B. The essay must be presented in June.

Note In session 1972-73 there will be no teaching for papers A2(v) and A2(vi).

Or B

1. Social Work Studies
2. Social Problems and Social Services
3. Mental Health and Mental Disorder

} Supervisors will recommend appropriate courses for option B.

Candidates for option B must also attain a satisfactory standard in field work. The assessment of field work will be based on supervisors' reports and on an essay dealing with an aspect of this work approved by the candidate's teachers.

Applications are not accepted from those who are able to train for social work to the same level in their own countries (e.g. U.S.A., Canada, Australia).

N.B. The essay must be presented in September.

XIX. Social Anthropology

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

XX. Social Psychology

The examination will consist of a record of practical work, the presentation of a report on a project and *three* papers selected from the following:

	Lectures, Classes and Seminars
1. Child Development and Socialisation	721
2. Language, Thought and Communication	715
3. Groups and Group Functioning	—
4. Social Psychology of Organizations	717
5. Social Psychology of Conflict	720
6. Communication and Attitude Change	714
7. Social Psychology of Education	—
8. Person Perception	—
9. Personality	718
10. Selected Issues in Social Psychology	724
11. Interpersonal Behaviour	722

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

One paper from another branch of the M.Sc. in the Faculty of Economics may be substituted for one of the papers if the candidate's teachers approve.

Not all options may be available every session.

XXI. Sociology

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

	Lectures, Classes and Seminars
1. Methods of Sociological Study	862–3, 918–9, 919a, 976
2. *Either* (i) Social structure of Industrial Societies	864
or (ii) Sociology of Development	849, 865, 876
3. *One* paper of the following:	
(i) Sociology of Education	866
(ii) Sociology of Deviant Behaviour	867
(iii) Sociology of Religion	851, 868
(iv) Industrial Sociology	350, 350a
(v) Race Relations	—
(vi) *Either* (a) Theories and Concepts of Political Sociology	837 852, 870
or (b) Political Stability and Change	—
or (c) The Study of Political Behaviour	—
(vii) Medical Sociology	—

4. An essay of not more than 10,000 words on an approved topic.

Note In session 1972-73, there will be no teaching for papers 3 (vi) (*b*) and (*c*).

Subject to the approval of their teachers candidates may substitute for one of the options under 3, a paper from the M.Sc. in Social Psychology.

In exceptional circumstances, for example, where a candidate's teachers are satisfied that the candidate has already attained the appropriate standard in Methods of Sociological Study or in either of the papers under 2, a candidate may submit a further paper from 3.

The examinations for the three papers will take place in June. The final essay must be submitted by 15 September.

XXII. Sociology with special reference to Education

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

XXIII. Sociology with special reference to the Sociology of Medicine

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

XXIV. Statistics

The examination will consist of three papers and a record of practical work[1] done during the course. The choice of papers must be approved by the candidate's teachers. The department reserves the right to cancel lecture courses for any option for which there are fewer than four candidates. In such cases candidates will be prepared for the examination by tutorials and directed reading.

	Lectures, Classes and Seminars
1. Probability, Stochastic Processes and Distribution Theory	955–7
2. Statistical Methodology and Inference	958–9, 962–4
3. Design and Analysis of Statistical Investigation	959–961a
4. Selected Techniques and Model Building	956, 956a, 965–8
5. Econometric Theory I	119–20, 962–4
6. Advanced Mathematical Programming	985–7
7. Survey Theory and Methods	928, 969–71
8. Educational Statistics	100, 102, 125, 972–3
9. Mathematics (by special arrangement only)	—
10. Statistical Methods in Psychology (by special arrangement only)	—
11. Demographic Techniques and Analysis (by special arrangement only)	—
12. Any other topic approved by the candidate's teachers	—

Note In session 1972-73 teaching may not be offered for paper 4.

[1]Course 975

The Degree of M.A. in International History

The examination will consist of three papers and an essay. A knowledge of at least one European language in addition to English is essential.

1. One of the following general periods, including a knowledge of its sources and historiography:
   (i) 1688–1740
   (ii) 1740–1789
   (iii) 1789–1815
   (iv) 1815–1870
   (v) 1870–1914
   (vi) 1914–1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under 1:
   (i) 1500–1815
   (ii) 1815–1919
   (iii) 1919–1946
3. A special aspect, to be studied with the appropriate period under 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles.
4. An essay not exceeding 10,000 words on a topic within the field of the above papers.

The course will extend over one academic year, and the written examination will be held in June. The essay shall be presented not later than the end of September. Two copies must be submitted. They should normally be typewritten.

A candidate who has been successful at the examination for this degree may not enter for the M.Sc. branch X. International History. A candidate who has been successful at the examination in the M.Sc. branch X. International History may not enter for this degree.

A candidate who is permitted to re-enter with exemption from re-examination by written papers may re-present his essay at any time within a period not exceeding eighteen months from the date of the examiners' report. Examiners may, at their discretion, prescribe a minimum period to elapse before re-presentation.

The Degree of M.A. in Area Studies

The University offers an M.A. degree in Area Studies, but candidates cannot apply direct to the School. They are advised to write for details to the Academic Registrar, University of London, Senate House, WC1E 7HU.

The Degree of Master of Philosophy (M.Phil.)

The degree of Master of Philosophy is awarded by thesis or dissertation in the

Faculties of Economics, Arts and Laws in every field for which the School offers teaching.

In the Faculty of Arts, candidates for the M.Phil. in General Linguistics and Phonetics are required in addition to take two written examination papers. In Psychology, the University may, in certain cases, prescribe written papers and/or practical examinations.

Qualifications for Admission

A graduate who has not obtained at least a **second class (upper division)** in an honours degree of this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. degree.

A candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before he submits his dissertation.

The Course of Study and the Dissertation

The course of study will extend over not less than **two** academic years.

Students registering for the M.Phil. at any time other than the beginning of the session will be required to pursue a course of not less than two calendar years.

Each candidate will settle with his supervisor the subject and title of his dissertation and must have it approved by the University at least nine months before he submits the dissertation, which must not exceed 55,000 words. Candidates should bring the title for approval into the Graduate School Office before the end of the first session.

The thesis or dissertation must be written in English. The greater portion of the work must have been done after the registration of the student as a candidate for the M.Phil. The thesis or dissertation shall be either a record of original work or an ordered and critical exposition of existing knowledge.

The examination will consist of (*a*) a thesis, and (*b*) an oral examination which will include a test of the candidate's knowledge of the general background of his thesis.

A candidate will be permitted to enter at any time during the year provided that he has completed the prescribed course of study. A candidate will be permitted to submit his entry form and fee not less than two and not more than six months before he is eligible to submit his thesis for examination.

A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June in the year in which the course of study is completed.

If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may, after having examined the candidate orally, recommend the University to permit the candidate to resubmit the thesis in a revised form within twelve months from the decision of the University with regard thereto. The examiners may, if they so desire, require the candidate to submit to a further oral examination when he presents the revised thesis for examination.

If the thesis is otherwise adequate, but requires minor amendments, and if the candidate satisfies the examiners in all other parts of the examination, the

examiners may require the candidate to make within one month specified amendments to their satisfaction or that of one of their number nominated by them.

A list of candidates for the M.Phil. examination, who have satisfied the examiners, will be published, arranged in alphabetical order, by the Academic Registrar. No unsuccessful candidate will be permitted to re-enter within one year of the date of his first entry without the permission of the examiners, save that a candidate who has failed in respect of his dissertation alone may re-present his revised dissertation at any time.

A candidate registered for the M.Phil. degree may, with the approval of his supervisor and of the School, be transferred to registration for the Ph.D. degree. Where this is permitted he may be allowed to count part of the period during which he was registered for the M.Phil. degree towards the registration period for the Ph.D. degree.

Fees for the Examination

Every candidate for the degree of M.Phil. must at each entry to the whole examination pay a fee of £25.

The Degree of Master of Laws (LL.M.)

Qualifications for Admission

Candidates entering for the LL.M. examination after the minimum course of one year must have obtained either first or second class honours at a first degree of the University of London or an approved equivalent degree.

There will be one examination paper in each subject. A candidate will be required *either* (i) to pass at one and the same examination in any *four* of the subjects, *or* (ii) in special circumstances and with the prior approval of the University to pass at one and the same examination in any *three* of the subjects, *and* in an essay of not more than 15,000 words on an approved legal topic. The essay must provide evidence of original work or a capacity for critical analysis, and must be written during the candidate's course of study. A candidate submitting an essay shall be examined orally on the subject of his essay unless the examiners otherwise determine.

Note Permission to take an essay will be granted only to candidates with particularly high entrance qualifications and will be subject to the approval of the candidate's supervisor and the University.

Course of Study

The course will extend over not less than one academic year and the examination will take place once in each year in September.

The title of the essay must be submitted to the University for approval by 1 January of the year in which the candidate presents himself for the examination and the essay must be submitted in typescript in duplicate by 1 July of that year.

Every candidate must submit a form of entry duly completed, together with the appropriate fee, not later than 1 May.

The subjects of the examination are as follows:

1. Jurisprudence and Legal Theory[1]
2. Legal History
3. Administrative Law and Local Government Law[1]
4. Comparative Constitutional Law I
5. Comparative Constitutional Law II[1]
6. Comparative Constitutional Law III[1]
7. Company Law
8. Insurance (excluding Marine Insurance)[1]
9. Marine Insurance
10. Carriage of Goods by Sea[1]
11. Maritime Law (excluding Carriage of Goods by Sea and Marine Insurance)[1]
12. Law of Personal Taxation
13. Law of Business Taxation
14. Law of Mortgages and Charities[1]
15. Law of Landlord and Tenant[1]
16. Planning Law[1]
17. Law of Estate Planning[1]
18. The Law of Restitution
19. Monopoly, Competition and the Law
20. The Principles of Civil Litigation
21. Comparative Law of Contract in Roman and English Law[1]
22. Comparative Criminal Law and Procedure
23. Comparative Conflict of Laws[1]
24. Comparative European Law[1] (*Candidates taking the Soviet Law option for this subject may not take subject* 25, *Soviet Law*)
25. Soviet Law (*Candidates taking Section B of this subject may not take subject* 26, *Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option for subject* 24, *Comparative European Law*)
26. Comparative Family Law (*Candidates taking this subject may not take Section B of subject* 25, *Soviet Law*)
27. History of International Law[1]
28. Law of International Institutions
29. Law of European Institutions
30. Air and Space Law[1]
31. International Law of the Sea
32. The International Law of Armed Conflict and the Use of Force[1]
33. International Economic Law
34. African Law[1]
35. The Law of Land and Natural Resources in Africa South of the Sahara[1]
36. Hindu Law[1]
37. Muhammadan Law[1]
38. Criminology
39. Industrial and Intellectual Property
40. Legal Aspects of Defence Studies[1]
41. Law of Treaties[1]
42. Methods and Sources of International Law[1]
43. Human Rights
44. Law of Management and Labour Relations

[1]Seminars on these subjects will not be given at the School in the session 1972-73, but candidates wishing to study not more than two of them may take the relevant seminars at other colleges while registered at the School.

45. Sentencing and Treatment of Offenders
46. Law of Credit and Security[1]
47. Chinese Customary Law[1]
48. Modern Chinese Law[1]

A candidate may, in exceptional cases and by special permission of the University, select one (or two) of the following subjects in place of one (or two) of the preceding subjects:

49. Sociology of Family Law[1]
50. International Politics
51. International Theory

The selection of subjects available to part-time candidates who cannot attend during the day time is considerably restricted.

Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. For details about this diploma please see pages 261–2.

Diploma in Social Anthropology

This diploma is awarded by the University of London and a full-time course of study is arranged by the School.

All diploma students are required to register as internal students of the University.

All students should read the *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, WC1E 7HU.

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

The diploma course is open to:

(*a*) Students of postgraduate standing whose undergraduate courses have in the opinion of the University included a suitable preliminary training.
(*b*) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (*a*) for this purpose.

Students are required to attend a course of study approved for this purpose by the University, extending over two sessions. The course of study must, unless special exemption is obtained, be continuously pursued.

[1]Seminars on these subjects will not be given at the School in the session 1972–73, but candidates wishing to study not more than two of them may take the relevant seminars at other colleges while registered at the School.

Candidates are required to take the following papers:

(i) History and Theory of Social Anthropology
(ii) Political and Economic Organization
(iii) Values, Beliefs and Ritual
(iv) and (v) *Two* of the following options:
  (*a*) Ethnography of a region with special reference to selected peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered for the diploma). Consideration will be given to the major indigenous institutions and their significance in modern conditions
  (*b*) Applied Social Anthropology
  or Social Change in Developing Societies
  (*c*) Social Anthropological Studies of Sectors of Complex Modern Societies
  (*d*) General Principles of Linguistics
  or Anthropological Linguistics
  (*e*) Primitive Technology
  (*f*) An essay consisting of a paper of three hours, relating to a subject within the fields of the first three papers
  (*g*) Primitive Art

Supervisors will recommend to candidates courses appropriate for this diploma.

A dissertation of not more than 30,000 words may be offered in lieu of papers (iv) and (v). The subject of the dissertation must be submitted to the candidate's supervisor by 1 January.

The examination is held once a year beginning on the second Monday in June. Every student entering for this examination must apply to the Graduate School Office by 1 March at the latest, for an entry form which must be returned to the University, duly completed with the certificate of course of study thereon attested in accordance with General Regulations for Approved Courses of Study, together with the proper fee, not later than 15 March. Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion, not later than 15 May.

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

At the discretion of the examiners there may be an oral or a practical examination in any subject, in addition to the written examination in that subject.

Candidates shall not be approved by the examiners unless they have shown a competent knowledge in all the branches prescribed for the examination.

A student shall enter for the whole examination at the end of his two-year course.

Enquiries about this diploma should be addressed to the Secretary of the Graduate School.

Dates of Examinations

(INTERNAL STUDENTS)

1972–73

Entry forms for first-degree examinations should be obtained from Room H310 at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to Room H310, together with the relevant enclosures. The School will forward first-degree examination forms to the University. A timetable of the examination is sent to each student in advance of the examination.

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

B.Sc.(Econ.) Final, Part I
- Entry closes — 1 February 1973
- Examination begins — To be announced

B.Sc.(Econ.) Final, Part II
- Entry closes — 1 February 1973
- Examination begins — 22 May 1973

B.Sc.(Soc.) Final Examination[1]
- Entry closes — 1 February 1973
- Examination begins — 31 May 1973

B.Sc. Degree (Faculty of Economics)
(all years)
- [1]Mathematics
- Mathematics and Philosophy
- Social Anthropology
- Social Psychology
- Sociology

- Entry closes — 19 January 1973
- Examination begins — To be announced

B.Sc. Degree (Faculty of Science)
Geography (all years)
- Entry closes — 19 January 1973
- Examination begins — To be announced

B.A. Final
- Entry closes — 24 January 1973
- Examination begins — 31 May 1973

LL.B
- Entry closes — 1 February 1973
- Examination begins — To be announced

[1]For students registered before October 1972.

B.Sc. Mathematics, Part II
- Entry closes — 1 February 1973
- Examination begins — To be announced

B.Sc. Social Science and Administration
- Entry closes — 15 December 1972
- Examination begins — To be announced

M.Sc.
- Entry closes — 1 February 1973 for June examination; 1 May 1973 for September examination
- Examination begins — Either 18 June 1973 or 3 September 1973 according to subject

M.A.
- Entry closes — 1 February 1973
- Examination begins — 18 June 1973

LL.M.
- Entry closes — 1 May 1973
- Examination begins — 3 September 1973

Diploma in Anthropology
- Entry closes — 15 March 1973
- Examination begins — 11 June 1973

Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences with special reference to the development of trade unionism, is primarily intended for persons taking up responsible work in trade union organizations, though applications for admission from other qualified students will be considered. All 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 seven 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) Law, with special reference to Trade Unionism
(v) Political Theory and Organization
(vi) Elementary Statistics and Business Finance
(vii) Industrial Sociology and Psychology

Problems of human relations; the social organization of industry; industrial relations in overseas territories and the work of international organizations are covered in a series of lectures and classes.

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism. There is also a number of observation visits to firms and trade union offices.

On the completion of the course the student will receive a certificate from the School describing the work done and the standard reached during his period of study.

Application forms for admission may be obtained from the department of Industrial Relations.

Full details of the fees payable are given in the Fees section of the *Calendar*.

Members of affiliated trade unions may be eligible for scholarships provided by the Trades Union Congress, to whom they should apply.

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Not more than thirty Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas term 1958. Thereafter elections may be made annually in the Michaelmas term. In any year after 1958 the number of persons elected shall not, save for special reasons considered adequate by the Court, exceed ten nor shall there be included amongst them, save for the like reasons, more than three persons who are not former students of the School.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

(i) each member of the Court of Governors
(ii) each member of the Academic Board
(iii) each Honorary Fellow

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Academic Secretary not later than 31 May. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall not earlier than 1 June nor later than 15 October consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School, but also as a national collection.

These interdependent functions have grown together: the School has given the Library wide contacts with the public and academic worlds and a standing which it could not easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School.

It is freely open to members of the School and is extensively used by other scholars and researchers. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term. It is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in international law and in the social, economic and international aspects of history. As well as treatises and some 12,400 non-governmental periodicals (of which 4,200 are received currently), it contains several hundred thousand controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 11,700 serials (of which 6,000 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 595,000 bound volumes; the total number of separate items is estimated at over two million. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries, and in others it is unsurpassed; it is perhaps the largest library in the world devoted exclusively to the social sciences as a whole. A brochure, *Outline of the Resources of the Library*, may be obtained from the Librarian.

There is a full author catalogue typed on cards. The subject catalogue is published as *A London Bibliography of the Social Sciences*; this is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work, of which 21 volumes have so far been published, may be obtained from the Librarian. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at £1·25 a copy (plus postage).

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the counter for enquiries and the issue of books. There are seats for 964 readers. Immediately adjacent to the entrance hall is a room containing the catalogues and the most important bibliographies, encyclopaedias, directories etc. Reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some

71,000 volumes. The Periodicals Room provides all readers with immediate access to the current numbers of some 600 periodicals. Three further reading rooms are reserved for research workers, and one for the teaching staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basements of the main School building. Readers are not normally admitted to these, but any book is issued on request for use in the reading rooms.

The School also possesses other libraries. The Teaching Library occupies a series of connected rooms in the East Building. Its stock of over 30,000 volumes contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles etc. In addition to lending books, this library is a place of study, with accommodation for 159 readers. A leaflet giving details of Teaching Library services may be obtained at the counter.

The Shaw Library (established with the help of a gift from Mrs. George Bernard Shaw) is a lending collection of general literature; it is housed in the Founders' Room on the fifth floor of the Main Building.

A brochure *Notes for Readers* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:

   (i) Members of the London School of Economics and Political Science, as follows:

   (*a*) Governors
   (*b*) Honorary Fellows
   (*c*) Staff
   (*d*) Students accepted by the School for intercollegiate study
   (*e*) Intercollegiate students
   (*f*) Occasional students

   (ii) Persons to whom permits have been issued

   (iii) Day visitors admitted at the discretion of the Librarian

2. Permits may be issued to:

   (*a*) Persons engaged in research which cannot be pursued elsewhere
   (*b*) Professors and lecturers of any recognised university
   (*c*) Persons engaged in any branch of public administration
   (*d*) Undergraduates of other universities and colleges (in vacation only)
   (*e*) Such other persons as may from time to time be admitted by the Librarian

Applications for Library permits must be made on the prescribed form; they should be addressed to the Librarian, and should be supported either by a member of

the staff of the School, or by a letter of recommendation from a person of position. Evidence of Fellowship of the Royal Economic Society, or of the Royal Statistical Society or of membership of the London School of Economics Society or of the British Institute of International and Comparative Law, is accepted in place of a letter of recommendation.

Library permits are not transferable. They are issued upon payment of the prescribed fees, which may, however, be remitted.[1] All fees are non-returnable.

3. Every registered student on his first visit must produce his School registration card to be endorsed by the appropriate Library officer. Every permit holder on his first visit must sign his name in a book kept for that purpose and may be required to sign on subsequent occasions.

All readers are required to show their School registration cards or Library permits or visitors' tickets to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.

4. The reading rooms are normally open on all working days during hours prescribed from time to time. They are 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 rooms in the main Library.

7. Readers who have finished with books taken from the open shelves in any of the rooms should return them without delay to the returned-book stack in the room from which they have been taken, or preferably to their places on the shelves.

8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.

9. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

Members of the School staff may borrow books subject to the prescribed conditions.

[1]The fees at present prescribed are, for persons in categories 2 (*a*) and (*c*), £5.25 for a permit valid for six months, £2.62½ for three months or £1.05 for one month.
[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. On Mondays to Thursdays in term for most of the session the Library remains open, with a limited service, until 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, the Spring and late Summer Bank Holidays, and all Saturdays in July and August.

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

10. Graduate students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff.

11. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) may borrow books for use outside the Library, subject to the following conditions:

(i) During the months of June, July, August and September, graduate students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including, if required, the payment of a deposit.
(ii) No book borrowed shall be taken out of the United Kingdom, without special permission of the Librarian.
(iii) Graduate students may not have on loan more than six volumes at one time.
(iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.
(v) The prescribed loan voucher must be completed and handed in before any book is removed.
(vi) Books borrowed during the term are due back one week before the last day of term, but they will be subject to recall at any time. Books borrowed during the last week of any term or during vacation will be due for return at the end of the first week of the next term, but will also be subject to recall.

12. Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

13. A reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his return. In that case the place will be reserved for him from the time stated, but this reservation will lapse after fifteen minutes. The place will be available to other readers during the interim.

14. Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

15. Eating, drinking and smoking are forbidden within the Library.

16. No reader may enter the Library basement or any other part of the Library not open to general readers without special permission.

17. The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who damages the property of the Library in any way will be required to pay the cost of repairing or replacing the damaged property, and may be debarred from further use of the Library.

18. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

19. Silence should be preserved in the reading rooms and on the central staircase and landings.

20. Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House). An internal student may obtain a ticket entitling him to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and showing evidence of University registration e.g. a College Card. Short instructional tours of the Library are arranged for new members, particularly during the first few weeks of the session.

The University Library is a large general library of about 950,000 volumes of books and periodicals, many of which may be borrowed for home reading. There are reading places for about 600, arranged in general reading rooms where there are collections of reference books and bibliographies, and in special rooms for Periodicals, British Government Publications, Geography and Maps, History (European), Palaeography, Philosophy, Psychology, United States and Latin American Studies, and Music. 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 of works published before 1850.

Photocopying facilities include coin-operated machines in the Library and a photographic department in the basement, which can supply microfilms, slides, enlargements and other photographic copies.

Hours of Opening

Monday to Friday during the session: 9.30 a.m. to 9 p.m.
(book-stack service 10 a.m. to 6.30 p.m.)
Saturday and during the Summer vacation: 9.30 a.m. to 5.30 p.m.
(book-stack service 10 a.m. to 5 p.m.)

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to the world community of social scientists. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown in recent years into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, the Bookshop has a Mail Order Department in Hampstead Road, and a separate shop selling secondhand books, new paperback fiction and stationery in Portugal Street. Over 8,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets. It also operates a bookstall at the London Graduate School of Business Studies in Regent's Park, and the Enfield College Bookshop.

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

Four journals are edited and published from the School: *Economica* (founded in 1921), *Population Studies* (1947), the *British Journal of Industrial Relations* (1963), and the *Journal of Transport Economics and Policy* (1967). *The British Journal of Sociology* (1956) is edited in the School and is published by Routledge and Kegan Paul. *Government and Opposition* is edited from and assisted by the School, and is published independently.

The L.S.E.-Weidenfeld and Nicolson Imprint

The School has close association with Weidenfeld and Nicolson, and books sponsored or initiated by the Publications Committee of the School are generally produced under a joint imprint of the School and Weidenfeld and Nicholson. Any present or former member of the School's staff, or any present or former student, may submit either finished manuscripts or ideas for books to the Publications Committee; the Committee itself, together with the publisher, initiates schemes for books and series of books.

With certain exceptions, authors will sign a separate contract with the publisher in the normal way, and can expect a scale of remuneration that should compare favourably with what they might get elsewhere. The exceptions will be books that are judged commercially 'difficult'—the specialised monograph, the occasional paper, and so on; these may be published on a commission basis, and it may not always be possible to give authors full commercial rates of royalty.

The object of these arrangements is to provide a first-class and ready-made vehicle for the publishing of such works of scholarship as staff and students may wish to offer. It will perhaps be of most value to those whose existing publishing arrangements may be proving unsatisfactory, or to those who are looking for a publisher for the first time.

Anyone interested should get in touch with any member of the Publications Committee (see page 45), or with the Publications Officer.

Books and Pamphlets

In addition to the individual books published under the Weidenfeld and Nicolson scheme outlined above, the following series of books and pamphlets are issued for or by the School and its departments:

The New Series of Learned Works (G. Bell and Sons Ltd.)
Monographs on Social Anthropology (Athlone Press)
Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)
Papers in Soviet and East European Law, Economics and Politics (Athlone Press)
Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (G. Bell and Sons Ltd.)
Geographical Papers (Weidenfeld and Nicolson)
L.S.E. Research Monographs Series (Weidenfeld and Nicolson)
L.S.E. Outlines in Economic Analysis (Weidenfeld and Nicolson)
A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)
Monthly List of Additions to the Library
Auguste Comte Memorial Lectures (Athlone Press)
Hobhouse Memorial Trust Lectures (Athlone Press)
Inaugural Lectures (G. Bell and Sons Ltd. and Weidenfeld and Nicolson)
The Report Series of the Higher Education Research Unit (Oliver and Boyd)
L.S.E. Studies in Education (Penguin Books)

History of the Foundation of the School

The following book published for the School by G. Bell and Sons Ltd. should be noted: *The History of the Foundation of the London School of Economics and Political Science* by Sir Sydney Caine, 1963, £1·25.

Student Health Service

The Student Health Service is situated on the eighth floor of Connaught House and its facilities are available to all students of the School. It is hoped that from October 1972 there will be a full-time general practitioner service based on the School. Full details will be available at the beginning of the term. During the vacations when they are at home, students may obtain locally as temporary residents any medical attention required on the National Health Service.

The facilities of the Service are:

General Medical Care

The School doctor holds a surgery daily, by appointment, from Mondays to Fridays in term time. Appointments to see him can be made in advance with the Nursing Sister. Students with urgent medical conditions will of course be seen without an appointment.

Students may obtain advice on all matters concerning health and illness. Those students who live within the practice area of the School doctor may with his permission register with him under the National Health Service. Those students who live outside his area can obtain advice about registration with other doctors.

A gynaecologist provides a clinic three times a fortnight in term time to advise women students. Appointments to see her should be made through the Secretary of the Health Service.

An ophthalmic surgeon is available once a week in term time to carry out eye tests. An optician is also present at the same time. Appointments to see the ophthalmic surgeon may be made through the Secretary of the Health Service.

The Nursing Sister is available daily in term time to give advice. She will also arrange immunisation and vaccination procedures. Her surgery hours throughout the term are 9.30 a.m. to 1 p.m. and 2.30 p.m. to 5.30 p.m. from Mondays to Fridays.

Psychiatric Advice

The full-time director of the Health Service is a psychiatrist and is assisted by two part-time psychiatrists. They are available daily by appointment to give advice about psychological problems, whether related to work, or of a more personal nature. It is important to emphasise that all psychiatric consultations are completely confidential. Appointments to see any of the psychiatrists may be made through the Secretary of the Health Service.

Dental Treatment

The Health Service operates a full-time dental practice. Dental treatment is available to all students under the National Health Service and according to its rates. Appointments should be made through the Secretary of the Health Service.

Careers

Many careers are now open to university graduates in the social sciences and in arts. They can offer work of great interest and responsibility and the degrees offered by the School are of value in any occupation that calls for a trained intelligence and an understanding of the contemporary world. Our graduates have been able to seek employment from a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers need and seek graduates who are well qualified academically; they also look for men and women with the ability to exercise judgment, to make decisions and to exhibit powers of leadership and control. These qualities cannot all be assessed merely from the type or class of degree obtained. The possession of a degree, irrespective of subject, is only the first criterion that interests the majority of employers, though expert or specialist posts clearly demand an appropriate training. Even then, specialist graduates may find that they have to compete eventually with non-graduates who have moved into specialist jobs by chance, because of natural aptitude for a particular type of work or by acquiring specialist training outside university. Many graduates today assume that they are superior to the non-graduate. This is an understandable attitude of mind, but graduates are entitled to this self-confidence only if they accept the need to justify it by subsequent performance.

The choice of career, then, is wide. Experience suggests that of those who take the B.Sc.(Econ.) degree a considerable number finds employment in industrial and commercial management, enters the teaching profession or goes on to undertake academic research. Others are widely spread in finance; in expert posts as economists, lawyers or statisticians in industry and commerce; in government service; in journalism and librarianship; and in advertising and market research. Broadly speaking, our graduates can realistically consider the following areas of employment: education, the civil service, local government, the social and health services, private and nationalised industries, commerce, H.M. services. In addition there are opportunities overseas and a limited number in various cultural organizations.

Many graduates enter the educational field, either as school teachers or as lecturers in establishments of further education. Graduates obtaining their degrees in or after 1970 must complete a course of professional teacher training before they can teach in primary schools. Those obtaining their degrees in or after 1973 must complete a course of professional teacher training before they can teach in secondary schools. A higher degree is usually necessary for the graduate who seeks a university post.

The civil service offers an immense variety of career opportunities for graduates, including specialist posts in economics, psychology, law and statistics. There are opportunities for research and investigation, primarily for economists, geographers, psychologists and social scientists. In addition, graduates are needed for the Tax Inspectorate, Factory Inspectorate and the Department of Employment. Following the recommendations of the Fulton Committee on the Civil Service, the Administrative, Executive and Clerical Classes of the Home Civil Service were merged from the beginning of 1971 into a single Administration Group, and there is now a new recruitment scheme whereby graduates are able to enter the Group either at the

Administration Trainee or Executive Officer level of entry. Promotion to the higher posts in the Service is open to everyone, depending upon ability, but it does not rest on the method or level of entry to the Service. Under the new regulations the minimum qualification for entry to the Diplomatic Service and the Administration Trainee grade is a degree with honours. Final-year students are eligible to apply.

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

The Bachelor's degrees in Sociology, the B.Sc. degree in Social Science and Administration, and the diploma in Social Administration awarded by the School are recognised initial qualifications for employment in some areas of social administration. They also provide the necessary basic qualification for *training* in social work for such fields as those of medical and psychiatric social work, child care, probation and family casework. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised training lasting at least one year is necessary for these careers and students should, therefore, be prepared to undertake this. Details of diplomas offered by the School are given on pages 247-62.

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

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

Possession of a university degree may result in a considerable shortening of the period of professional training. Thus, possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. The period for articles of clerkship for those who wish to qualify as solicitors is reduced to two and a half years for graduates of an approved university. Again, those who wish to become chartered accountants and who have taken Accounting and Finance as their special subject in Part II of the B.Sc.(Econ.) degree normally have their period of articles reduced from five to three years. They are also given exemption from the professional Intermediate examination.

Finally, with regard to the choice of specialist or optional subjects, there is one golden rule to be followed: the subjects that a student should choose for his degree are those that he likes and is good at. The syllabuses provided at the School are generally wide and comparatively flexible and, for this reason, students who are not

firmly committed to a specific course for professional reasons ought not to allow their choice of courses to be dominated by thoughts of future careers. But it is never too early to start thinking about a career and those who are in doubt should consult their tutors and the officers of the Careers Advisory Service. The University of London Careers Advisory Service maintains a permanent unit in the School. Students may consult the officers of the unit at any time during their courses, preferably not later than the second year of study, but it is open to all students to seek advice at any time before entry and after graduation if they so desire.

Students' Union and Athletic Union

Students' Union

The objects of the Students' Union are to promote the welfare and corporate life of the students, and, through the Union Council, to represent the students in all matters relevant thereto except those relating to Athletics.

The Union's main functions are to administer, supervise and improve Union premises, which include offices, a coffee bar, a bar and a shop; to represent student interests and co-operate with the School authorities in securing necessary improvements in student welfare; to provide a forum for the discussion of student affairs and interests and to approve and regulate the numerous student societies in the School.

Every regular and occasional student becomes a full member of the Students' Union on the payment of School fees, while students of other colleges attending the School for a course of lectures become associate members and are allowed to use the Union premises. Full members are also members of the Three Tuns Club and are entitled to use the Club's bar and other amenities.

The Union offices are situated in St. Clements building. Information concerning the Union, its services and activities, may be obtained from the Union offices.

Union meetings are held in the Old Theatre on Friday evenings during term. All students are urged to attend Union meetings, where they can help decide Union policy as well as take part in debates and discussions. Full details of meetings are published on the Union noticeboards.

The Union provides many useful services in the fields of social activities, student welfare and relations with outside student bodies. Among these services are: debates, socials, dances; advice and information on housing, grants and fees; a number of common rooms and other amenities; and cheap travel and vacation work obtained in co-operation with the National Union of Students.

Members of the Union who are regular students of 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.

The local branch of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) is under the auspices of the external department of the Union and receives a grant from the department. A.I.E.S.E.C. organizes vacation traineeships for students in many countries and seminars on topics of current economic interest.

The Union magazine *Clare* was founded over seventy years ago, and is published twice a year. This is a magazine of special interest to students of the social sciences, with articles from staff, students and outside contributors. The Students' Union also publishes a fortnightly newspaper, ***Beaver***.

Athletic Union

All students are eligible to join the Athletic Union by becoming a member of any of its constituent clubs. The subscription charged for membership of the first club joined is fifty pence, and for any other club, twenty-five pence.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Canoe, Cricket,

Cross-Country, Gliding, Golf, Hockey (Women), Judo, Keep-fit, Mountaineering, Riding, Rowing, Rugby Football, Sailing, Skiing, Squash, Table Tennis, Tennis, Yoga.

Details about club activities may be obtained from the Athletic Union Office (S 110) or from the club noticeboards in the concourse area, St. Clements building.

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo. There are pitches for Association and Rugby football, hockey and cricket, lawn tennis courts, and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well equipped dressing room accommodation. Facilities at the School itself include a circuit room (E29) and a gymnasium suitable for basketball, table tennis, five-a-side football etc.

The Rowing Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis and Judo Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath and in Richmond Park; the Sailing Club operates at the Welsh Harp, Hendon; the Golf Club plays at Malden Golf Club; the Gliding Club uses Lasham Aerodrome, Hants.; the Canoe Club has a block booking with the Royal Canoe Club at Teddington. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden. In the current session this will be Saturday, 9 June.

Residential Accommodation

The School does not keep an index of lodgings suitable for students, but those who require help in finding accommodation may consult the University of London Accommodation Office, University of London Union, Malet Street, WC1E 7HY.

The Office maintains a register of addresses of various types in most districts of London, and each student's requirements are carefully considered. During term time a personal interview, for which an appointment must be made, is desirable; but from the end of the Summer term to October students should apply by post.

In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast or bed and breakfast with a regular evening meal in addition. Anyone whose tastes are likely to lead him to enter very fully into the life of the Union and its societies, or to spend his 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 by the latter type.

The fees for halls of residence, stated on the following pages, are those which are in force at present, but they are liable to amendment.

Halls of Residence for Men and Women

Passfield Hall

Endsleigh Place, WC1H 0PW

(Warden: G. F. D. Dawson, M.A., Ph.D.)

This hall of residence is provided by the School for men and women students of the School. It is in Bloomsbury, situated in the north-west corner of Tavistock Square, and is twenty minutes' walk from the School.

There is accommodation for about 160 students in single, double, and treble study-bedrooms. The fees, including Common Room subscription, are at present £231·60, £219 and £204·30 per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and dinner, and all meals on Saturdays and Sundays. Washbasins and fires with slot meters are provided in all rooms.

Application should be made to the Assistant Registrar (Admissions) at the School, if possible by 15 May. Applicants are selected for places towards the end of May each year, for the following October.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

(Warden: Dr. J. Lewins, M.A., M.Sc., Ph.D.)

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

Fees for the thirty-week session: £241·50 (single room), £231 (shared room). 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 31 May. (Please state whether man or woman when requesting application forms.)

Halls of Residence for Men

Carr-Saunders Hall

Fitzroy Street, W1P 5AE

(Warden: E. A. Kuska, B.A., Ph.D.)

Carr-Saunders Hall, a hall of residence for men students of the School, built with funds provided by an anonymous benefactor, is a few minutes' walk from the junction of Tottenham Court Road and Euston Road and twenty-five minutes' walk from the School.

There is accommodation for about 148 students in single and double study-bedrooms. The fees are at present £246 and £219 per session respectively, payable by terminal instalments in advance and in addition there is a Common Room subscription (at present £1 per term).

Fees cover breakfast and dinner and all meals on Saturdays and Sundays. Washbasins are provided in all study-bedrooms, which are centrally heated.

Application should be made to the Assistant Registrar (Admissions) at the School, if possible by 15 May, for admission in the following October.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 400 men from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, drip-dry laundry rooms. 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: £256·20 (single room) and £241·20 (double room) per session of about thirty weeks. This includes breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary of the Hall and must be returned by 31 May.

Connaught Hall of Residence

36–45 Tavistock Square, WC1H 9EX

An intercollegiate hall of residence for men; 194 places, mainly in single rooms. The rent of the study-bedrooms, including breakfast and dinner, and also lunch at weekends, is £261 per session of thirty weeks.

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: £246 (single room) and £230·70 (for share of double room) per session of thirty weeks. This includes 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.

International Students House

1–6 Park Crescent, W1N 3HE (immediately opposite Gt. Portland St. Tube Station)

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and club facilities to men and women students from the United Kingdom and overseas. There are flats for married students and a very limited number for married students with children. A very full programme is organized; there is an information officer who will give advice on careers, courses, travel, living in London etc., and a student adviser who will help with problems of welfare, accommodation and personal matters. Visitors are most welcome.

Fees (for long-term residents): £7, £5·95 and £4·90 per week for single, double and treble rooms respectively. This includes bed and breakfast.

Early application is advised. Forms may be obtained from the Warden.

London House

Mecklenburgh Square, WC1N 2AB

London House has accommodation for 330 postgraduate men students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It was established by the Dominion Students' Hall Trust.

Fees for residence (excluding meals) vary between £6·30 and £7 per week, but there are a few shared rooms at cheaper rates. All meals are available in the dining hall (cafeteria system).

The House is close to three London Transport stations: King's Cross (Metropolitan, Northern, Victoria and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the School.

Application should be made direct to the Controller, London House, giving as much notice as possible.

Halls of Residence for Women

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 March for admission the following October. There are occasional vacancies in the course of the academic year.

Canterbury Hall

Cartwright Gardens, WC1H 9EE

(Warden: Miss V. McCririck, M.A., L.R.A.M.)

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 concert hall, library, games room and squash court. Fees for the thirty-week session: £258·30 (single room with own bathroom), £247·80 (single room) and £237·30 (double room). Fees cover breakfast and dinner, Monday to Friday and full board at weekends.

College Hall

Malet Street, WC1E 7HZ

(Warden: Mrs. J. M. Witt, B.Sc.)

Opened in 1882 and transferred in 1932 to a new building in the University precinct; 220 residents are accommodated in 108 single and 56 double study-bedrooms, all with central heating and handbasins; there are common rooms, libraries, games room, studio and laundries. Fees for the thirty-week session: £237·30—£247·80. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

(Warden: Miss B. M. Sutherland, B.A., M.A.)

Opened in 1949 for 124 women students and since extended to take 194; accommodation is in 148 single rooms and 23 double rooms, most of them with central heating; there are common rooms and laundries, a library and games room. Fees for the thirty-week session: £237 (single) and £228 (for share of double). Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

Lillian Penson Hall

Talbot Square, W2 1TT

Telephone: 01-262 2081

(Warden: K. G. T. McDonnell, B.Sc. (Econ.), Ph.D.)

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. The monthly rate for a single room is £30; a single bed in a shared double room, £18. There are also double rooms for married couples at £36 in addition to rooms with light cooking facilities or kitchens at £41·40 or £57. A few two-room flats at £67·80 are also available.

Application forms are obtainable from the Warden.

William Goodenough House

(The Dominion Students' Hall Trust)

Mecklenburgh Square, WC1N 2AN

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

Residence fees are from £5·25 to £6·65 per week, with all meals available on a cafeteria system. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common rooms. In addition there are 60 self-contained flats for married students, for which the rentals are between £35 and £64 per month.

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

Flats

Anson Road and Carleton Road

(Academic Resident: D. K. C. Jones, B.Sc.)

The School has 19 flatlets at 83 and 83a Anson Road, N7 0AS, and 73 Carleton Road, Tufnell Park, N7 0ET, which are available for letting to married full-time students of graduate status. The flats are selfcontained and consist of either one room or two rooms, plus a kitchen and a bathroom. Rents at present vary between approximately £6 and £9·25 per week, including a hire charge for furniture. Applications for flatlets, for which there is generally a waiting list, should be made to the Assistant Bursar of the School.

Fitzroy Street and Maple Street Flats

12-16 Fitzroy Street, W1P 5AE

(Academic Resident: C. A. O'Muircheartaigh, B.A., M.Sc., Dip. Survey Research Techniques)

The Fitzroy Street flats adjoin Carr-Saunders Hall and were acquired by the School in 1970. The Maple Street flats are immediately opposite the main entrance to

Carr-Saunders Hall and were acquired by the School in 1972. Both blocks of flats are of modern construction.

Fitzroy Street Flats (12-16 Fitzroy Street, London, W1P 5AE)
There is accommodation for 91 men and women student residents in double and treble furnished self-contained flatlets.

Maple Street Flats (19-23 Fitzroy Street and 35-41 Maple Street, W1P 5AE)
There is accommodation for 123 men and women student residents in double, quadruple and a small number of quintuple furnished self-contained flatlets.

The double flatlets consist of one large room with adjoining fitted kitchen, small hall and bathroom, the whole forming a self-contained unit. The treble flatlets are similar, but have an additional room. Although there are no communal rooms in either block, the common room and bar facilities of Carr-Saunders Hall are available to residents by courtesy of the students of Carr-Saunders Hall, and the University Union is within five minutes' walking distance.

Any full-time student of the School may apply except that in the case of married couples both must be currently registered students of the School.

The rent is at present £4·70 per week per resident for a thirty-nine-week period of letting, beginning in early October. This does not cover the cost of gas for cooking or electricity for heating and lighting; the residents of each flatlet are billed periodically for these expenditures. Use of the basement garage at the Fitzroy Street flats is available to residents at an extra charge.

Application forms may be obtained from the Assistant Registrar (Admissions) at the School.

Afsil House

Afsil Limited, a Housing Association formed by a number of London colleges including the School, provides a number of furnished flats for married graduate students at Afsil House, 155 Saffron Hill, EC1N 8QL, about ten minutes' walk from the School. Eight of these are reserved for students of the School. In allocating the flats preference is given to students from the British Commonwealth. Most of the flats are suitable for childless married couples only, but there are a few which could accommodate a couple with a small child. Most of the flats, which are selfcontained, consist of a living room, bedroom, kitchen and bathroom. Rents, which include central heating and the hire of furniture, are about £36 a month plus rates. Applications for the flats should be made to the Assistant Bursar of the School.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1972

President: Aubrey Jones
Deputy President: R. J. Hacon
Life Vice-President: Dr. Vera Anstey
Representatives of the London School of Economics Society on the Court of Governors: G. C. Brunton, W. H. B. Carey, R. J. Hacon
Secretary: Mrs. Barbara Asherson
Entertainments Secretary: Mrs. Eva Morris
Treasurer: J. B. Selier
Editors of L.S.E.: P. D. C. Davis, Mrs. Nell McGregor
Editorial Consultant: D. J. Kingsley
Auditor: J. W. Smith
Committee Members: The Officers, Editors of *L.S.E.* and E. L. Bedford, R. W. Belben, Mrs. Elizabeth K. Collard, T. E. Dale, N. B. Harte, Mrs. Kim Knudsen, Mrs. Blanche H. M. Lucas, Miss H. M. Veronica Matcham, Mrs. Kit F. Russell, Mrs. Audrey J. Stern

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session, if so admitted by the Committee. Members of the School's staff who were not students at the School are eligible for membership. Persons not so qualified can be admitted to membership at the discretion of the Committee.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The magazine *L.S.E.*, published twice yearly, is sent to members free of charge, and there are occasional social events, including discussion meetings on subjects of general interest to members, a Saturday School on Social Science and an annual dinner.

The life subscription is £5 and the annual subscription £1. Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

Friends of the London School of Economics

Trustees:
Chairman: G. Tugendhat
Vice-Chairman: Sir Paul Chambers
Treasurer: W. H. B. Carey
Sir Sydney Caine, L. Farrer-Brown, the Director, the Chairman of the Senior Common Room
Secretary: J. Alcock

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organizations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. Since its foundation the Association has made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and furniture for the common rooms at Carr-Saunders Hall and Passfield Hall, and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary will gladly send particulars of the Association on application. The annual subscription is £2.10 or £1.05 if paid under a seven-year deed of covenant. New members are urgently needed.

Part III: Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject, but regular students should understand that, beyond those which are restricted to certain students, they are at liberty to attend any course of lectures.

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 180 to 291 where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

The following abbreviations are used:

c.u.	**course unit**
B.Sc. S.S. and A.	**B.Sc. in Social Science and Administration**

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

Development Administration

Development Administration

6 Governmental Aspects of Development

Mr P. F. Dawson. Sessional.

For Dip. Development Admin.

Syllabus Structure of the modern state: constitutional frameworks; legislatures, executives and judiciaries; federalism; laws and conventions. Democratic institutions: representative institutions; electorates, parties and parliaments; political oppositions; self-government in economic, religious and voluntary organizations; public opinion. Problems in transplanting institutions. Government: character of the executive; the civil service; public corporations; local government; political-administrative relations. Political systems: political power and its relation to authority; nationalism, communism and the modern state; historical and economic conditions of democracy; political aspects of economic and social change. Government in relation to economic and social development: the functions of government; the scope and problems of governmental planning; planning, politics and administration.

The following courses are relevant to this syllabus. Students will discuss with their tutor which of these and other suitable courses they will attend:
No. 530. British Government and Bureaucracy
No. 535. The Growth and Character of Local Government
No. 550. The Aims and Methods of Governmental Planning

7 Social Structure in Developing Countries

Dr Midgley and Mrs Hardiman. Fifteen lectures, Michaelmas and Lent Terms.

For Dip. Development Admin; Dip. Soc. Admin., Overseas Option only.

Syllabus Social structure and social organization in traditional societies. The impact of colonial regimes; the growth of marketing and trade. Demographic changes and their social significance. Occupational differentiation, education, industrialisation and urbanisation. The changing role of the family. The agrarian structure and the emergence of new elites; professional associations, workers' organizations, mutual aid societies. Social conflict and social control. The identification of social problems; sociological theories of social change.

Recommended reading G. Hunter, *Modernising Peasant Societies;* L. P. Mair *New Nations;* E. Durkheim, *The Division of Labour in Society;* C. Kerr *et al*, *Industrialism and Industrial Man;* C. S. Belshaw, *Traditional Exchange and Modern Markets;* T. S. Epstein, *Economic Development and Social Change in South India;* D. Warriner, *The Economics of Peasant Farming;* M. Haswell, *Economic Development in Village India;* W. A. Lewis, *The Theory of Economic Growth;* E. Draper, *Birth Control in the Modern World;* P. Foster, *Education and Social Change in Ghana;* K. Little, *West African Urbanisation;* F.A.O., *Survey of African Agricultural Development 1962*; P. Hill, *Migrant Cocoa Farmers of Southern Ghana;* E. A. Gellner, *Thought and Change;* P. S. Cohen, *Modern Social Theory;* L. P. Mair, *African Marriage and Social Change;* J. Goody, *Comparative Studies in Kinship.*

8 Social Policy in Developing Countries

Dr Midgley and Mrs Hardiman. Nine lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch III, 3rd yr.; Dip. Development Admin.; Dip. Soc. Admin., Overseas Option only.

Syllabus Definition of social policy, its scope and content. The role of traditional institutions in the provision of social welfare. The development of new governmental institutions. The determination and development of social policy and legislation; the development of social administration; forms of social provision in the fields of education, health, housing and new settlements, social security, family welfare,

working conditions and industrial relations. The problem of the rural-urban gap; policies for the development of the rural sector.

Recommended reading U.N., *Report on the World Social Situation* (*1957*, *1961*, *1963*, *1965*, *1967*, *1969*); U.N., *Patterns of Social Welfare Organization and Administration in Africa* (*1964*); M. King (Ed.), *Medical Care in Developing Countries;* M. Colbourne, *Planning for Health;* A. Curle, *Educational Strategy for Developing Countries;* T. Balogh, *The Economics of Poverty;* D. Brokensha and P. Hodge, *Community Development: An Interpretation;* Ioan Davies, *African Trade Unions;* J. Vaizey, *Education in the Modern World;* V. L. Griffith, *Educational Planning;* C. Abrams, *Housing in the Modern World;* P. Marris, *Family and Social Change in an African City;* R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius;* P. du Sautoy, *Community Development in Ghana.* JOURNALS *International Labour Review; International Review of Community Development; The Community Development Journal; International Social Development Review.*

9 Social Aspects of Development (Classes)
Mrs Hardiman. Sessional.
For Dip. Development Admin.

10 Bureaucracy and Development
Mr P. F. Dawson. Eight lectures, Lent Term.
For Dip. Development Admin.; M.Sc.

Syllabus The evolution of bureaucratic organization in developing countries and its relation to political, economic and social conditions.

Recommended reading will be given at the beginning of the course.

11 Administrative Problems of Development (Seminar)
Tutors to the course. Sessional.
For B.A./B.Sc.(Soc.) Branch III 3rd yr; Dip. Development Admin. Other graduate students may be admitted by permission.

Syllabus The principal concern will be with administrative problems in countries experiencing rapid economic and social change. General questions to be discussed will include:

(i) the relation between economic and social change;
(ii) the transplantation of institutions from one society to another;
(iii) political movements in societies undergoing rapid change.

Reference will be made to the relevant policies and methods of Western countries, and their suitability for other parts of the world will be discussed.

Economics

page

327 **I Undergraduate Courses**

327 Introductory Economics
328 Economics for Specialists
329 History of Economic Thought and Development of Economic Analysis
330 Mathematical Economics and Econometrics
332 Industry and Trade
333 Labour Economics
333 Public Finance
334 Monetary Economics
335 International Trade and Economic Development
336 Comparative Economics
336 Transport Economics

336 **II Graduate Courses**

336 **A. M.Sc. in Economics**

336 Economic Theory and Methods of Economic Investigation
339 Advanced Economic Theory
340 History of Economic Thought
340 The Pure Theory of International Trade and Commercial Policy
340 International Monetary Economics
341 Theory of Optimal Decisions
342 Labour Economics
342 Monetary Economics
342 Economics of Public Enterprise
342 Economics of Transport
343 Public Finance
344 Economics of Industry
345 Economics of Less Developed Countries and of their Development
345 Agricultural Economics
346 Economic Aspects of Accounting
346 Soviet Economic Structure
347 Theory and Implementation of Detailed Planning
347 Economics of Education and Human Capital
349 Urban Economics
350 Marx's Economics in the Light of Contemporary Economic Analysis

350 **B. M.Sc. in Econometrics and Mathematical Economics**

352 **C. M.Sc. in Regional and Urban Planning Studies**

352 **III Other Graduate Courses**

353 **IV Additional Courses for Undergraduates and Graduates**

Economics

I Undergraduate Courses

INTRODUCTORY ECONOMICS

20 Introduction to Economics
Mrs Sharp. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; Dip Soc. Admin. (first year and one-year); Overseas Option (one-year); Special Course for Overseas Administrators; Dip. Development Admin.

Syllabus An introduction to economic analysis, with some illustrations of its application to various topics.

Recommended reading will be given during the course.

21 Economics A
Mr Klappholz and Dr Richardson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. S.S. and A. 1st yr.

Syllabus Economics as a social science. Are there alternative approaches to economics? Analysis and prescription. Division of labour and the resulting need for co-ordinating mechanisms. Alternative co-ordinating mechanisms and their appraisal in the light of certain policy aims. Effects of decentralised decisions on the distribution and allocation of resources. Reasons for and consequences of collective decisions. Policy aims with respect to output levels, rates of growth and the price level. Problems in achieving these aims. Problems of international transactions.

Recommended reading will be given at the beginning of the course.

21(a) Classes
Sessional.

22 Economics B
Dr Hindley. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I.

Syllabus An introduction to the analytical treatment of economic problems. The first part of the course will cover interactions between buyers and sellers. After analysis of the determination of the prices of goods, wages, interest and rents, the implications of various forms of intervention in the markets for goods and for factors will be discussed. The second part will deal with problems of unemployment and inflation, concluding with elementary balance of payments theory.

Recommended reading will be given at the beginning of the course. Standard introductory texts are: R. G. Lipsey, *An Introduction to Positive Economics*; P. A. Samuelson, *Economics: An Introductory Analysis;* A. A. Alchian and W. R. Allen, *Exchange and Production: Theory in Use.*

22(a) Classes
Sessional.

23 Quantitative Methods for Economists

(i) Mathematical Methods
Mr M. A. M. Smith. Twenty lectures, Michaelmas and Lent Terms.

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

Syllabus Simple curves and functions; differentiation including differentiation of functions of several variables; maximisation including maximisation subject to constraints; simple difference equations. Economic applications.

Recommended reading R. G. D. Allen, *Mathematical Analysis for Economists* (first 14 chapters).

(ii) Students should attend Course 917 Elements of Statistical Methods.

23(a) Classes

24 Introduction to Mathematical Economics
Mr Nickell. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main field Maths. 1st yr.

Syllabus An elementary treatment of basic principles of economics: the theory of markets and the actions of agents in these; simple monetary theory and macro-economic models. All formal propositions will be treated mathematically. This course covers roughly the material of Lipsey: Positive Economics using elementary mathematical tools.

Recommended reading R. G. Lipsey, *An Introduction to Positive Economics;* R. G. D. Allen, *Mathematics for Economists* (selected chaps.).

24(a) Classes

25 The Economics of the Labour Market
Dr Metcalf. Ten lectures, Michaelmas Term.

For Dip. Personnel Management. Optional for Dip. Soc. Admin. 2nd yr. and one-yr.

Syllabus The quantity of labour supplied: hours, activity rates. The quality of labour supplied: training, education, information, migration. The demand for labour. The wage structure by industry, occupation, sex ("equal pay"). The impact of trade unions. Unemployment. Selected policy issues e.g. incomes policy, strikes, wage inflation, income distribution, low pay.

Recommended reading E. H. Phelps Brown, *The Economics of Labor.* Detailed reading will be given at the beginning of the course.

25(a) Classes
Five classes, Lent Term.

For Diploma in Personnel Management.

26 Economics
Professor Sen and Mr Marin. Twenty-eight lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr; B.Sc. c.u. main field Geog. 2nd or 3rd yr.; Dip. Personnel Management.

Syllabus The workings of contemporary economies (with special reference to the United Kingdom): their institutions, processes and problems, and the application of elementary economic analysis to the study of these.

26(a) Classes
Twenty classes, Sessional.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

ECONOMICS FOR SPECIALISTS

28 Economic Principles and Problems of Applied Economics

(i) Micro-Economic Theory
Mr Gould. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc. preliminary and final yrs.

Recommended reading Main texts: C. E. Ferguson, *Microeconomic Theory* or J. Hadar, *The Elementary Theory of Economic Behaviour* or K. J. Cohen and R. M. Cyert, *The Theory of the Firm.* Detailed reading will be given at the beginning of the course.

(i) (a) Classes
Twelve classes, Michaelmas and Lent Terms.

(ii) Macro-Economic Theory
Dr Perlman. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc. preliminary and final yrs.

Recommended reading T. F. Dernburg and D. M. McDougall, *Macro-Economics;* M. G. Mueller (Ed.), *Readings in Macroeconomics.*

(ii) (a) Classes
Twelve classes, Michaelmas and Lent Terms.

(iii) International Economics
Mr M. A. M. Smith. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

(iv) Problems in the Application of Micro-Economics
Mr Layard. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Useful preliminary reading: E. J. Mishan, *Cost-Benefit Analysis.* Further reading will be given at the beginning of the course.

(iv) (a) Classes
Twelve classes, Lent and Summer Terms.

(v) Applied Macro-Economics
Mr Jackman and Dr Kennedy. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Recommended reading J. C. R. Dow, *The Management of the British Economy, 1945–60;* R. E. Caves (Ed.), *Britain's Economic Prospects;* S. Brittan, *Steering the Economy.* Many of the books in the Penguin Modern Economics series are also recommended. Detailed reading will be given at the beginning of the course.

(v) (a) Classes
Twelve classes, Lent and Summer Terms.

29 Introduction to a Mathematical Treatment and Statistical Testing of Economics
Mr Marin. Fifteen lectures, Michaelmas and Lent Terms.

Optional for B.Sc. (Econ.) Part II 2nd yr.

Description of course No knowledge of mathematics beyond "O" level will be assumed. The first term of the course is intended to be mainly for those who have taken no other mathematics courses, to help them understand the mathematical formulations used in economic theory. It will include functions and curves, introduction to calculus and their application to economics. The second part of the course is an elementary treatment of statistical testing of economic theory.

Recommended reading R. G. D. Allen, *Mathematical Analysis for Economists;* J. Parry Lewis, *An Introduction to Mathematics for Students of Economics;* S. G. B. Henry, *Elementary Mathematical Economics;* G. C. Archibald and R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics;* P. Hoel, *Elementary Statistics;* A. A. Walters, *An Introduction to Econometrics;* L. R. Klein, *An Introduction to Econometrics;* D. Huff, *How to Lie with Statistics.*

29(a) Classes
Classes will be held if there is sufficient demand.

HISTORY OF ECONOMIC THOUGHT AND DEVELOPMENT OF ECONOMIC ANALYSIS

30 The History of Economic Thought
Lord Robbins. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr. Useful for M.Sc. preliminary yr.

Syllabus The history of economic thought from Aristotle to the present day. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

Recommended reading The set books by Ricardo and Marshall; M. Blaug, *Economic Theory in Retrospect.* Also: A. Monroe, *Early Economic Thought;* J. R. McCulloch (Ed.), *Early English*

Tracts on Commerce and *Tracts on Money;* O. H. Taylor, *A History of Economic Thought;* J. A. Schumpeter, *History of Economic Analysis;* H. W. Spiegel (Ed.), *The Development of Economic Thought;* G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650–1850;* E. Cannan, *A Review of Economic Theory;* E. A. Johnson, *Predecessors of Adam Smith;* N. E. Devletoglou, "Montesquieu and the Wealth of Nations" (*The Canadian Journal of Economics and Political Science*, February 1963); "The Economic Philosophy of Montesquieu" (*Kyklos*, Vol. XXII, Fasc. 3, 1969); W. Letwin, *The Origins of Scientific Economics;* D. W. Vickers, *Studies in the Theory of Money, 1690–1776;* R. W. Meek, *The Economics of Physiocracy;* J. Higgs, *The Physiocrats;* J. M. Clark and others, *Adam Smith, 1776–1926;* J. H. Hollander, *David Ricardo;* M. Blaug, *Ricardian Economics;* M. Bowley, *Nassau Senior and Classical Economics;* A. Gray, *The Socialist Movement;* G. J. Stigler, *Production and Distribution Theories;* J. Viner, *Studies in the Theory of International Trade;* F. W. Fetter, *Development of British Monetary Orthodoxy, 1797–1875*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy; Robert Torrens and the Evolution of Classical Economics; The Theory of Economic Development in the History of Economic Thought;* T. W. Hutchison, *A Review of Economic Doctrines, 1870-1929;* Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, 1. Band.
A full guide to reading will be distributed at the beginning of the course.

30(a) Classes
Twenty classes, Michaelmas and Lent Terms.

31 The Development of Economic Analysis
For B.Sc. (Econ.) Part II. Useful for M.Sc. preliminary yr.

(i) Introduction to the Development of Economic Analysis
Dr Perlman. Six lectures, Summer Term (second year).

(ii) Micro-Economics
Professor Myint. Ten lectures, Michaelmas Term (third year).

(iii) Macro-Economics
Dr Perlman. Ten lectures, Lent Term (third year).

Recommended reading G. Ackley, *Macro-Economic Theory;* W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); M. Blaug, *Economic Theory in Retrospect;* W. Breit and H. M. Hochman (Eds.), *Readings in Micro-Economics;* J. R. Hicks, *Value and Capital* (2nd edn.); H. G. Johnson, *The Two-Sector Model of General Equilibrium;* D. R. Kamerschen (Ed.), *Readings in Micro-Economics;* J. M. Keynes, *General Theory of Employment, Interest and Money;* A. Marshall, *Principles of Economics;* F. H. Hahn and R. C. O. Matthews, "The Theory of Economic Growth—A Survey" (*Surveys of Economic Theory*, Vol. 2, A.E.A.); A. Leijonhufvud, *Keynesian Economics and the Economics of Keynes;* M. G. Mueller (Ed.), *Readings in Macroeconomics;* D. Patinkin, *Money, Interest and Prices.*

31(a) Classes
Twenty classes, Michaelmas and Lent Terms (third year).

MATHEMATICAL ECONOMICS AND ECONOMETRICS

32 Economics Treated Mathematically
For B.Sc. (Econ.) Part II; Dip. Stats.

(i) Principles of Economics Treated Mathematically
Mr Shorrocks. Fifteen lectures, Lent and Summer Terms, for second-year students.

Syllabus Consumer and producer theory, general equilibrium analysis, and some problems in comparative statics, efficiency and decentralisation. Mainly calculus methods will be used.

Recommended reading J. M. Henderson and R. E. Quandt, *Microeconomic Theory;* J. Quirk and R. Saposnik, *Introduction to General Equilibrium Theory and Welfare Economics;* J. de V. Graaf, *Theoretical Welfare Economics;* O. Lange, 'The Foundations of Welfare Economics' (*Econometrica*, July-October, 1942).

(ii) Topics in Mathematical Economics
Mr Glaister. Fifteen lectures, Michaelmas and Lent Terms, for third-year students.

Syllabus A more advanced treatment of the theory of optimisation primarily using point set methods, with application to the behaviour of economic agents. Simple growth and trade cycle models.

Recommended reading R. G. D. Allen, *Mathematical Economics;* R. G. D. Allen, *Macro-Economic Theory;* J. Quirk and R. Saposnik, *Introduction to General Equilibrium Theory and Welfare Economics;* K. J. Lancaster, *Mathematical Economics;* T. Koopmans, *Three Essays on the State of Economic Science*, Essay I; G. Debreu, *The Theory of Value, an Axiomatic Approach;* M. O. Intrilligator, *Mathematical Optimization and Economic Theory.*

32(a) Classes

33 Econometrics
Mr Thomas. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.

(**Note** It will be assumed that the students attending this course either have taken Elementary Statistical Theory at Part I or are taking Elements of Statistical Theory and Methods at Part II.)

Syllabus Introduction to methods of statistical estimation and testing of economic theories. Special problems of statistical inference arising from simultaneous relations, distributed time lags and autocorrelated disturbances. A study of recent applied econometric work.

Recommended reading A. A. Walters, *An Introduction to Econometrics;* J. Kmenta, *Elements of Econometrics;* J. Johnston, *Econometric Methods* (2nd edn.).

33(a) Classes
Twenty-five classes.

34 Econometric Theory
Dr Hendry. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. Maths. 3rd yr.

Syllabus Multiple regression, generalised least squares, linear stochastic models and identification, two and three stage least squares, limited and full information maximum likelihood estimates.

Recommended reading J. Johnston, *Econometric Methods;* A. Goldberger, *Econometric Theory;* E. Malinvaud, *Statistical Methods of Econometrics.*

34(a) Classes
Twenty classes.

35 Applied Econometrics
Dr Wymer and Dr Desai. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus Introduction to data problems in econometrics. Index numbers. Social accounting and input-output analysis. Some recent applied econometric work.

Recommended reading will be given at the beginning of the course.

35(a) Classes

36 Mathematical Economics I

(i) Dr Dasgupta, Professor Morishima, Mr Nickell. Forty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr; B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Micro-economic principles; the theory of imperfect competition; macro-economic principles.

(ii) Mr Nickell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus Macro-economic theory.

Recommended reading R. G. D. Allen, *Macro-Economics.*
Further reading will be given at the beginning of the course.

36(a) Classes

37 (i) Mathematical Economics II

Mr Nickell and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs; B.Sc. c.u. main field Maths. 2nd and 3rd yrs.

Syllabus Applied economics.

37 (ii) Mathematical Economics II: Special Topics

Professor Morishima and Dr Dasgupta. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus Dynamic linear economics and topics in macro-economics.

37(a) Classes

INDUSTRY AND TRADE

38 Economics of Industry

Professor Yamey. Twenty-seven lectures: Lent and Summer Terms for second-year students; Michaelmas and Lent Terms for third-year students.

For B.Sc. (Econ.) Part II.
Part I The analysis of industrial structure; vertical integration; size of firms; concentration; conditions of entry; specialisation and diversification.
Part II Industrial structure and economic performance; competition and its control in oligopoly; competition, concentration, prices and profits; industrial research and innovation.
Part III Selected topics: pricing policies; ownership and control of large companies; multi-national companies; advertising; economics of consumer protection.
A detailed outline and reading list will be given at the beginning of the course.

38(a) Classes

Twenty classes, beginning in the Summer Term of the second year and continuing in the Michaelmas Term of the third year.

39 Business Administration

Mr Foldes, Mr Gould and Mrs Sharp. Ten lectures, Summer Term, second year, and twenty lectures, Michaelmas and Lent Terms, third year.

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

Syllabus A selection from the following topics:
(a) Theory of decisions: the structure of decision problems. Linear problems. Probability, utility, uncertainty, dynamic planning, trees. Criteria for investment. Stock control. Layout and scheduling problems. Location. Special pricing systems. Hire or buy.
(b) Theory of organizations: Conflict and co-operation. Theory of games. Theory of

teams. The aims of capitalists, managers and workers. The aims of organizations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organization, budgets, accounts, internal pricing systems. Predictive models of administrative action. New theories of the firm.
(c) Organization of public enterprise in the U.K.

Recommended reading General:
H. A. Simon, *The New Science of Management Decision;* A. Rappoport, *Games, Fights and Debates*, Part II; A. Etzioni, *Modern Organizations* or P. Blau and J. D. Scott, *Formal Organizations;* R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm.*
Main texts: W. Baumol, *Economic Theory and Operations Analysis* (2nd edn., chaps. 1–6, 11–13, 22–25); M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making* (relevant parts); H. Raiffa, *Decision Analysis; Nationalised Industries: Review of Economic and Financial Objectives* (Cmnd 3437, 1967).

39(a) Classes

LABOUR ECONOMICS

40 Labour Economics

Dr Metcalf and Dr Richardson. Fifteen lectures, Lent and Summer Terms, for second-year students. Fifteen lectures, Michaelmas and Lent Terms, for third-year students.

For B.Sc. (Econ.) Part II.

Syllabus Most of the following will be covered: 1 Labour supply: quantity (participation rates, hours); quality (education, training, migration, information) 2 Labour demand 3 Wage structure: by occupation, industry 4 Effects of unions on wages and resource allocation 5 Unemployment 6 Macro topics: wage adjustment, incomes policy 7 Income distribution 8 Policy questions e.g. strikes, efficiency in industrial relations, low pay minimum wage legislation.

Recommended reading B. Fleisher, *Labor Economics.*
Further reading will be given at the beginning of the course.

40(a) Classes

Twenty classes.

PUBLIC FINANCE

41 The Economics of Public Finance

Professor Prest. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus The principles behind the allocation of functions between the private and the public sector; the theory of public goods and related topics. Analysis of the allocative and distributional effects of taxes on income, output, value added, wealth and the like. Analysis of fiscal policy and debt management, and discussion of problems of control of the economy. Central–local government financial relationships. The main institutional references will be to the U.K., but some attention will also be given to other countries, especially the U.S.A.

Recommended reading A. R. Prest, *Public Finance in Theory and Practice* (4th edn.); A. Williams, *Public Finance and Budgetary Systems;* J. F. Due, *Government Finance* (4th edn.); R. A. Musgrave, *Fiscal Systems.*

41(a) Classes

Twenty classes, Lent and Summer Terms (second year).

42 Economic Aspects of British Social Services

Mr Layard and Dr Barr.
Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.A./B.Sc. (Soc.) Branch III, 2nd yr.

Optional for Dip. Soc. Admin. (2nd yr. and one-yr.).

Syllabus The objectives of state activity in the social services and the appropriate modes of activity. Redistribution in cash and kind. Selectivity. The specific economics of social security, education, health and housing.
A detailed **reading list** will be given at the beginning of the course.

MONETARY ECONOMICS

43 Money – An Introduction

Professor Walters. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

Description of course The basic characteristics of money. The quantity theory and portfolio adjustment. Empirical evidence.

Recommended reading M. Friedman, "Money" (*Encyclopaedia of Social Sciences*, 1968); A. A. Walters, *Money in Boom and Slump* (*Hobart Paper* 44, I.E.A., 1969); C. Goodhart, *British Monetary Policy 1957–1967;* W. T. Newlyn, *The Theory of Money;* D. Wrightsman, *An Introduction to Monetary Theory and Policy.*

44 U.S. and Other Monetary Systems

Miss Chick. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

Recommended reading U.S. Board of Governors of the F.R.S., *Federal Reserve System: Purposes and Functions;* M. Friedman and A. J. Schwartz, *Monetary History of the United States*, chaps. 8–12; J. S. G. Wilson, *Monetary Policy and the Development of Money Markets*, chaps. 7 and 8; Clay J. Anderson, *A Half-Century of Federal Reserve Policy-Making, 1914–1964; Federal Reserve Bulletin; Monthly Review* of the F.R.B. of New York.

45 The British Monetary System

Mr Alford. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus Banks and other financial intermediaries in the U.K.; the discount houses and specialised financial markets. Public sector debt and its management. Monetary policy and its problems. The role of money in the U.K.

Recommended reading *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd 827, 1959); R. S. Sayers, Modern Banking, 7th edn.; J. C. R. Dow, *The Management of the British Economy 1945–60*, chaps. 9 and 12; N. G. Gibson, *Financial Intermediaries and Monetary Policy* (Hobart Paper 39); A. D. Bain, *The Control of the Money Supply;* For recent developments see *Bank of England Quarterly Bulletin, Midland Bank Review, The Banker* and *The Bankers' Magazine.*

46 International Monetary Economics

Professor Day. Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.

Recommended reading L. B. Yeager, *International Monetary Relations;* J. E. Meade, *Balance of Payments;* H. G. Johnson, *International Trade and Economic Growth* (esp. chaps. 4 and 6); R. A. Mundell, *International Economics;* League of Nations, *International Currency Experience;* A. G. Ford, *The Gold Standard* (esp. chap. 1); R. Triffin, *Gold and the Dollar Crisis.*

46(a) International Monetary Economics (Seminar)

Professor Day. Lent Term. In connection with Course 46.

47 Seminar in Monetary Economics

Mr Alford. Ten seminars, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

Recommended reading will be given during the course.

48 Monetary Theory

Mr Miller. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Recommended reading D. Laidler, *The Demand for Money;* A. Bain, *The Control of the Money Supply;* M. Friedman, "The Quantity Theory of Money: A Restatement" in *Studies in the Quantity Theory of Money;* J. Tobin, "Liquidity Preference as Behaviour Towards Risk" (*Review of Economic Studies*, 1958).

48(a) Classes

Ten classes, Michaelmas and Lent Terms.

INTERNATIONAL TRADE AND ECONOMIC DEVELOPMENT

49 International Economics

For B.Sc. (Econ.) Part II.

(i) International Economics

Dr Hindley. Twenty lectures, Michaelmas and Lent Terms.

Description of course The course will cover the theory of comparative cost, tariff theory, customs unions, the benefits and costs of foreign investment and growth. In the second term, the monetary aspects of trade will be discussed; exchange rates, the use of monetary and fiscal policy to attain balance of payments equilibrium, and problems of the international monetary system.

Selected reading R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics;* J. Bhagwati (Ed.), *International Trade;* R. N. Cooper (Ed.), *International Finance.*

Recommended reading will be given at the beginning of the course.

(ii) Agricultural and Primary Product Trade

Dr Josling. Five lectures, Michaelmas Term.

Syllabus Importance of primary trade to developing countries; problems of instability; international agreements; trade and aid; developed country attitudes and policies.

Suggested reading A. MacBean, *Export Instability and Economic Development.* Further reading will be given during the course.

49(a) Classes

Twenty classes, Michaelmas and Lent Terms.

50 Economic Development

(i) Introduction to Development Economics

Professor Myint. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr; Dip. Development Admin.

(ii) Agriculture and Development

Dr Josling. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus Characteristics of the agricultural sector in developing countries; contribution to development; capital accumulation; labour transfer, export earnings, import substitution; land tenure problems.

Suggested reading J. Mellor, *The Economics of Agricultural Development.* Further reading will be given during the course.

(iii) Problems of Development of the Non-Agricultural Sector

Mr Layard. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus Industrialisation; labour markets and wages in the non-agricultural sectors.

Recommended reading for (i) – (iii) P. T.

Bauer, *Dissent on Development;* P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries;* 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. T. Morgan and G. W. Betz, *Economic Development, Readings in Theory and Practice;* H. Myint, *The Economics of the Developing Countries;* H. Myint, *Economic Theory and the Underdeveloped Countries;* A. R. Prest, *Public Finance in Underdeveloped Countries;* I. Little, T. Scitovsky and M. Scott, *Industry and Trade in Some Developing Countries;* 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;* T. W. Schultz, *Transforming Traditional Agriculture.*

50(a) Classes
Ten classes, Michaelmas Term, for third-year students.

50(b) Economic Development Seminar
Professor Myint. Ten seminars, Lent Term.

COMPARATIVE ECONOMICS

51 Economic Institutions Compared
Professor Wiles, Mr Markowski and Dr Richardson. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Description of course Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

Recommended reading G. Grossman, *Economic Systems;* A. Sturmthal, *Workers' Councils;* A. Nove, *The Soviet Economy.*
Further reading will be given during the course.

51(a) Classes

TRANSPORT ECONOMICS

52 Economics of Transport
Mr Thomson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. Students taking Course 231 are advised to attend this course if they have not already done so.

Syllabus The course will be concerned principally with major current problems in transport economics and policy.

Recommended reading C. D. Foster, *The Transport Problem;* K. M. Gwilliam, *Transport and Public Policy;* D. Munby (Ed.), *Transport;* G. J. Roth, *Paying for Parking* (Institute of Economic Affairs, 1967); Ministry of Transport, Report on Carriers' Licensing (Geddes Report) (H.M.S.O., 1965); J. Hibbs, *Transport for Passengers* (Institute of Economic Affairs); D. St. J. Thomas, *The Rural Transport Problem;* White Paper on Railway Policy, 1967; A. S. Svendson, *Sea Transport and Shipping Economics;* J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem;* A. A. Walters, *Economics of Road User Charges;* White Papers on Transport Policy, 1966, and on the Economic and Financial Objectives of the Nationalised Industries, 1967; Ministry of Transport, Road Pricing, 1964.

52(a) Classes

II Graduate Courses

(A) M.Sc. in Economics

ECONOMIC THEORY I AND II AND METHODS OF ECONOMIC INVESTIGATION

53 Preliminary-Year Mathematics for Economists
Mr Glaister. Sessional.

For M.Sc. preliminary yr.

Description of course The course will cover the elements of linear algebra including the theory of matrices determinants and the solution of linear systems, differential calculus, the theory of optimisation, an introduction to comparative statics, and dynamics.

Recommended reading G. Hadley, *Linear Algebra;* R. G. D. Allen, *Mathematical Analysis for Economists;* A. C. Chiang, *Fundamental Methods of Mathematical Economics;* T. Yamane, *Mathematics for Economists.*

53(a) Classes
Sessional.

54 Preliminary-Year Statistics for Economists
Dr Wymer. Sessional.

For M.Sc. preliminary yr.

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing.
Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Recommended reading Section I: P. G. Hoel, *Elementary Statistics;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* T. H. and R. J. Wonnacott, *Introductory Statistics.*
Section II: Lecture notes and a reading list will be given at the beginning of the course.

54(a) Classes
Sessional.

55 Preliminary-Year Micro-Economics
Dr Perlman. Twenty lectures, 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 W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.), are good general texts.

55(a) Classes
Eighteen classes, Sessional.

56 Preliminary-Year Macro-Economics
Mr Jackman. Twenty lectures, 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., part 1 and parts 6–10). The main content of the course is to be found in T. F. Dernburg and D. M. McDougall, *Macro-Economics,* and G. Ackley, *Macro-Economic Theory.*

56(a) Classes
Eighteen classes, Sessional.

57 Final-Year Mathematics for Economists.
Dr Kuska.

(i) Twenty lectures, September, 1972.

(ii) Ten revision lectures, Lent Term.

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 Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: T. Yamane, *Mathematics for Economists,* chaps. 1, 2 and 3 or A. Kooros, *Elements of Mathematical Economics,* chaps. 1–5 or R. G. D. Allen, *Mathematical Analysis*

for Economists, chaps. 1–10. Course reading: T. Yamane, *op. cit.*, chaps. 4, 5, 10, 11 and section 12.4 of chap. 12 or A. Kooros, *op. cit.*, chaps. 6, 7, 11 and 12 or R. G. D. Allen, *op. cit.*, chaps. 11–14 and 17–19; C. F. Christ, *Econometric Models and Methods*, chap. 3.

57(a) Classes

Ten classes, September, 1972.

58 Final-Year Statistics for Economists

Dr Desai.

(i) Twenty lectures, September, 1972.

(ii) Ten revision lectures, Lent Term.

For M.Sc. final yr.

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Reading For Section I: J. E. Freund and F. J. Williams, *Modern Business Statistics* or P. G. Hoel, *Elementary Statistics;* T. H. and R. J. Wonnacott, *Introductory Statistics.*

58(a) Classes

Ten classes, September, 1972.

59 Final-Year Micro-Economics

Professor Walters. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course 1 General equilibrium models: two-sector models and their properties. 2 Demand and supply curves – derivation, use and interpretation and empirical evidence. Derived demands and elasticity laws, measurements of the value of exchange. 3 Utility and household behaviour – properties of utility functions and intertemporal problems. Risk and utility. The permanent income hypothesis. 4 Production, technology and costs – feasible sets, the efficient frontier and the production function. Technical progress. Monopoly, oligopoly and imperfect competition. 5 Distribution and allocation – marginal productivity and the theory of wages. Monopsony.

Selected reading M. Friedman, *Price Theory – A Provisional Text;* J. R. Hicks, *Value and Capital;* G. J. Stigler, *The Theory of Price* (3rd edn.); H. G. Johnson, *The Two-Sector Model of General Equilibrium;* J. R. Hicks, *A Revision of Demand Theory;* W. Breit and H. Hochman, *Readings in Micro-Economics;* H. Townsend, *Readings in Price Theory* (Penguin).

59(a) Classes

60 Final-Year Macro-Economics

Professor Laidler and Professor Parkin. Forty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course A. Macro-economics. The simple Keynesian model of income-determination. The theory of economic policy. The consumption function. The theory of investment. Business cycles. Problems of stabilisation policy. Models of economic growth. Keynesian theory *versus* quantity theory.

B. Monetary theory. The classical quantity theory. The Keynesian theory of money. The demand for money and liquidity. Quantity theory, portfolio balance and inventory-theoretic approaches. The supply of money and monetary policy. Financial intermediation. Money and general equilibrium theory. Inflation theory. Money in growth models. The monetary standard and international monetary arrangements.

Selected reading J. M. Keynes, *The General Theory of Employment, Interest and Money;* D. Patinkin, *Money, Interest and Prices* (2nd edn.); J. G. Gurley and E. S. Shaw, *Money in a Theory of Finance;* M. J. Bailey, *National Income and the Price Level;* W. T. Newlyn, *Theory of Money;* H. G. Johnson, *Essays in Monetary Economics;* R. S. Thorn (Ed.), *Monetary Theory and Policy.*

60(a) Classes

61 Methods of Economic Investigation

For M.Sc. final yr.

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.

(i) Introductory Econometrics

Dr Wallis. Twenty lectures, Michaelmas Term.

Recommended reading C. F. Christ, *Econometric Models and Methods;* K. F. Wallis, *Introductory Econometrics.*

(ii) Case Studies

Dr Desai. Twenty lectures, Lent Term.

Recommended reading A detailed list of empirical articles will be given at the beginning of the course.

61(a) Classes

ADVANCED ECONOMIC THEORY I: Theory of Economic Growth

ADVANCED ECONOMIC THEORY II: Linear Economic Models

ADVANCED ECONOMIC THEORY III: Theory of Investment Planning

62 Theory of Economic Growth

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course General properties of one-sector and two-sector models of economic growth. The characteristics of their paths of steady growth and the conditions of their convergence onto those paths. The concepts and the analysis of embodied and disembodied technical progress. Optimal growth.

Selected reading R. G. D. Allen, *Macro-Economic Theory;* W. J. Baumol, *Economic Dynamics;* F. H. Hahn and R. C. O. Matthews "The Theory of Economic Growth: A Survey" (*The Economic Journal*, December 1964); J. R. Hicks, *Capital and Growth;* R. M. Solow, *Growth Theory.*

62(a) Classes

63 Linear Economic Models

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course An introduction to linear programming, input-output and games theory. Static and dynamic production models and the von Neumann model. Application of activity analysis to economic theory.

Selected reading H. B. Chenery and P. B. Clark, *Interindustry Economics;* R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis;* D. Gale, *The Theory of Linear Economic Models;* G. Hadley, *Linear Programming.*

63(a) Classes

64 Turnpike Theorem and Related Topics

Dr Kuska. Six lectures, Summer Term.

For M.Sc. final yr.

Description of course The concepts and the analysis of efficient and optimal programmes of capital accumulation. Formulation and proof of a turnpike theorem.

65 Theory of Investment Planning
Professor Sen. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; Dip. Development Admin. (Part I only).

Description of course Part I Cost-benefit analysis and project evaluation. Part II aggregate planning, optimal resource allocation and intertemporal choices.

HISTORY OF ECONOMIC THOUGHT

66 History of Economic Thought: Economic Theory in Retrospect
Dr Devletoglou. Ten lectures of one-and-a-half hours, Michaelmas Term.

For M.Sc. final yr.

Description of course The emphasis of this course is on the development of economic analysis over the years: its relation to policy issues and its methodological and philosophical underpinnings. Particular consideration is given to classical and post-classical development.

Selected reading M. Blaug, *Economic Theory in Retrospect;* J. A. Schumpeter, *The History of Economic Analysis.*

66(a) Classes

THE PURE THEORY OF INTERNATIONAL TRADE AND COMMERCIAL POLICY

INTERNATIONAL MONETARY ECONOMICS

67 The Theory of Commercial Policy
Dr Krauss. Ten lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course The theory of the optimum tariff and tariff retaliation. Tariffs, the terms of trade and the distribution of income. The cost of protection. Distortions of competition and the case for protection; the infant industry argument for protection. The theory of tariff structure and effective protection. The theory of tariff bargaining. The theory of customs unions and preferential trading arrangements.

Selected reading G. Haberler, *The Theory of International Trade;* H. G. Johnson, *Economic Policies Toward Less Developed Countries* (chaps. 3, 4, 6); J. Bhagwati, "A Survey of the Theory of International Trade" (*The Economic Journal*, March, 1964); M. C. Kemp, *The Pure Theory of International Trade;* J. Vanek, *International Trade: Theory and Economic Policy;* R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics;* J. E. Meade, *The Theory of International Economic Policy*, Vol. II, *Trade and Welfare* and *A Geometry of International Trade.*

67(a) Classes
Ten classes, Michaelmas and Lent Terms.

68 International Monetary Economics

(i) History of International Monetary Systems
Dr de Cecco. Six lectures, Michaelmas Term.

(ii) International Monetary Economics
Dr Swoboda. Ten lectures of two hours each, Lent and Summer Terms.

For M.Sc. final yr.

Description of course The balance of payments and the foreign exchange market. "Automatic" adjustment mechanisms under alternative international monetary standards. The transfer problem. The analysis of currency depreciation: the elasticity, absorption and monetary

approaches. Growth, imported inflation and the balance of payments. National economic policy, the balance of payments, and the adjustment mechanism. Policy mixes under fixed and flexible exchange rates. International monetary problems: liquidity and the world price level; confidence and the crisis problem; the speed, cost, and burden of adjustment. the efficiency of alternative international monetary systems. World inflation, money and reserves.

Selected reading R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics* (chaps. 21–25, 31); H. G. Johnson, *International Trade and Economic Growth*, Part III; J. E. Meade, *The Theory of International Economic Policy*, Vol. I, *The Balance of Payments;* F. Machlup and B. G. Malkiel (Eds.), *International Monetary Arrangements: The Problem of Choice;* H. Ellis and L. Metzler (Eds.), *Readings in the Theory of International Trade* (chaps. 4–8); R. A. Mundell, *International Economics; Monetary Theory;* L. B. Yeager, *International Monetary Relations.*

68(a) Classes
Lent and Summer Terms.

69 International Trade
Dr Makower. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The course will deal with the factors determining the flows of international trade in real terms. Topics: the doctrine of comparative costs; comparative demand patterns; factor endowments; terms of trade; unilateral transfer; trade and growth.

Suggested reading J. E. Meade, *The Theory of International Economic Policy*, Vol. II; *Trade and Welfare*, chaps. 1-22; *A Geometry of International Trade;* J. Vanek, *International Trade: Theory and Economic Policy*, Part III; G. Haberler, *Survey of International Trade Theory;* A. Marshall, *Pure Theory of Foreign Trade;* D. Ricardo, *Principles of Political Economy*, chap. 7; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*, Vol. XI (A.E.A.); R. A. Mundell, *International Economics;* I. F. Pearce, *International Trade*, Book II; R. G. Lipsey, *Theory of Customs Unions;* G. M. Meier, *International Trade and Development;* H. G. Johnson, *International Trade and Economic Growth*, chap. 3; W. E. Jones, "The Transfer Problem Re-Visited" (*Economica*, May 1970); B. Bhagwati (Ed.), *International Trade*, chap. 2; K. Lancaster, "The Heckscher-Ohlin Trade Model" (*Economica*, February 1957); "Protection and Real Wages" (*The Economic Journal*, June 1957); "Economic Theory and Development Policy" (*Economica*, May 1967); W. M. Corden, "Economic Expansion and International Trade" (*Oxford Economic Papers*, June 1950); A. P. Lerner, "Factor Prices and International Trade" (*Economica*, February 1952).

69(a) Classes
Five classes, Lent Term.

70 Seminar on International Trade
Dr Hindley. Weekly, Sessional, starting in the sixth week of the Michaelmas Term.

For M.Sc. final yr. Other students will be admitted only by permission of Dr. Hindley, to whom application should be made in writing.

THEORY OF OPTIMAL DECISIONS

71 Theory of Optimal Decisions
Mr Foldes. Thirty lectures, Sessional.

For M.Sc. final yr.

Description of course Models for optimal decisions under certainty and uncertainty, with applications to problems of business and public policy. (Applications in 1972–73 will probably be mainly to the evaluation of risk in investment planning.)

Recommended reading Selected parts of the following: W. Baumol, *Economic Analysis and Operational Research;* T. C. Koopmans, *Three Essays on the State of Economic Science* (first essay); K. H. Borch, *Economics of Uncertainty;* R. D. Luce and H. Raiffa, *Games and Decisions;* H. Chernoff and L. E. Moses, *Elementary Decision Theory;* A. A. Fel'dbaum, *Optimal Control Systems;* P. Massé, *Optimal Investment Decisions;* K. J. Arrow and M. Kurz, *Public Investment, the Rate of Return and Optimal Fiscal Policy;* K. J. Arrow and R. C. Lind, "Uncertainty and the Evaluation of Public Investment Decisions" (*The American Economic Review*, June 1970); E. Malinvaud, "Risk-taking and Resource Allocation" in J. Margolis and H. Guitton (Eds.), *Public Economics;* J. Hirschleifer, *Investment, Interest and Capital;* S. H. Archer and C. A. D'Ambrosio, *Readings in Business Finance* (parts); F. S. Hillier, *The Evaluation of Risky Interrelated Investments;* W. F. Sharpe, *Portfolio Theory and Capital Markets.*

71(a) Classes
Ten or fifteen classes, Lent and Summer Terms.

LABOUR ECONOMICS

72 Labour Economics
Dr Metcalf and Dr Richardson. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr. and other graduate students.

Description of course 1 Analysis of labour supply, considering population, activity rates, hours worked and the quality of the labour force. 2 The demand for labour. 3 The wage structure and income distribution. 4 Selected other topics e.g. trade unions, strike activity, unemployment and wages policies.

Recommended reading J. F. Burton *et al.*, *Readings in Labor Market Analysis.*

72(a) Classes
Twenty classes, Michaelmas and Lent Terms.

MONETARY ECONOMICS

73 Analysis of Monetary Institutions
Mr Alford. Ten one-and-a-half hour meetings, Lent Term.

For M.Sc. final yr.

74 Topics in Monetary Theory
Lecturers to be announced. Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc. final yr.

75 Econometrics in the Monetary Field—A Survey
Professor Walters and Professor Buse. Ten lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc. final yr.

Recommended reading H. G. Johnson *et al.* (Eds.), *Readings in British Monetary Economics.*

ECONOMICS OF PUBLIC ENTERPRISE

In the session 1972-73 no courses will be provided.

ECONOMICS OF TRANSPORT

76 Introduction to Transport Economics
Mr Thomson. Eight lectures, Michaelmas Term.

For M.Sc. final yr.

Syllabus Basic economic features of transport and application of economic theory to transport problems. This course is intended as a preliminary to the more specialised courses 78, 79 and 80.

77 Seminar in the Economics of Transport
Mr Thomson. Sessional.

For M.Sc. final yr.

78 Economics of Transport

For M.Sc. final yr.

(i) Shipping and Ports
Professor Walters. Four lectures in the second half of the Michaelmas Term.

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.*

(ii) Railways
Dr Joy. Five lectures in the first half of the Lent Term.

Syllabus The application of economic techniques to the analysis of railway operations and policy.

Recommended reading P. W. MacAvoy and J. Sloss, *Regulation of Transport Innovation, The I.C.C. and Unit Coal Trains to the East Coast;* A. F. Friedlander, *The Dilemma of Freight Transport Regulation;* J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transport Problem.*

(iii) Highways
Mr Foster. Five lectures in the second half of the Lent Term.

Syllabus The analysis of highway economic questions, concentrating particularly on investment and pricing issues.

Recommended reading Alan Day, *Roads;* A. A. Walters, *The Economics of Road-User Charges;* R. Winfrey, *The Economics of Highways.*

(iv) Aviation and Airports
Professor Day and Mr Flowerdew. Five lectures in the first half of the Summer Term.

Syllabus The application of economics to aviation and airports.

Recommended reading will be given during the course.

79 Urban and Transport Modelling
Mr Flowerdew. Ten lectures, Lent Term.

For M.Sc. final yr.

Syllabus Land use transportation models. Location models. Simulations.

Recommended reading W. Alonso, *Location and Land Use;* H. W. Richardson, *Regional Economics;* J. B. McLaughlin, *Urban and Regional Planning: A Systems Approach* (Special issues, *Journal of the American Institute of Planners*).

80 Urban Transport
Mr Thomson. Five lectures in the first half of the Summer Term.

For M.Sc. final yr.

Syllabus Some more advanced problems of urban transport policy.

Recommended reading will be given during the course.

PUBLIC FINANCE

81 The Economics of Public Finance
Professor Prest. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course The lectures will examine in detail the role of the public sector in the modern economy. This will lead to discussion of the interrelations between problems of public goods, externalities and cost benefit analysis, and the possible advantages of political solutions. Problems of the optimum supply of particular government services

will also be discussed. Taxes on personal and corporate income, outlay, value added and wealth will be analysed in detail.

Selected reading R. A. Musgrave, *The Theory of Public Finance;* R. A. Musgrave, *Fiscal Systems;* L. Johansen, *Public Economics;* A.E.A., *Readings in the Economics of Taxation;* A. R. Prest, *Public Finance in Theory and Practice*, 4th edn.; C. S. Shoup, *Public Finance;* J. M. Buchanan, *Fiscal Theory and Political Economy*.

82 Seminar in Public Sector Economics

Professor Prest. Fortnightly, Michaelmas and Lent Terms.

For M.Sc. final yr. Others may attend by permission of Professor Prest.

83 The Economics of Multilevel Government

Dr Perlman. Five lectures, Lent Term.

For M.Sc. final yr.

Description of course The problems posed by different levels of government authority, e.g. the optimum multilevel structure of authority and the sort of fiscal relationships which should exist among the different levels of authority, both in terms of equity and the allocation of resources. A background reading in the theory of public goods and externalities will be very useful.

ECONOMICS OF INDUSTRY

84 Economics of Industry

Professor Yamey. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course 1 Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialisation and diversification; conditions of new entry. 2 Expansion and contraction of industries and changes in their structure; changes in concentration, market shares and ranks, vertical integration, and specialisation and diversification. The process of structural change: entry, exit and mergers. 3 The economics of innovation in industry. 4 The relation between industrial structure, forms of competitive behaviour, and economic performance. 5 Public policy in relation to the structure and performance of industries (selection of topics).

Selected reading G. J. Stigler, *The Organisation of Industry;* R. E. Caves (Ed.), *Britain's Economic Prospects*, chap. 7; F. M. Scherer, *Industrial Market Structure and Economic Performance;* E. W. Singer, *Antitrust Economics*.

84(a) Classes

Ten classes, Lent Term.

85 Economic Aspects of the Joint Stock Company

Dr Hindley. Five lectures, Lent Term.

For M.Sc. final yr.

Syllabus A discussion of the significance of the managerial firm and of the various theories designed to explain its behaviour.

86 The Economics of Regulation and Licensing

Dr Richardson. Five lectures, Lent Term.

For M.Sc. final yr.

Description of course The consequences of the regulation of: 1 Quality standards in product markets. 2 The behaviour and performance of firms. 3 The terms of exchange in the factor markets.

ECONOMICS OF LESS DEVELOPED COUNTRIES AND OF THEIR DEVELOPMENT

87 The Economics of Less Developed Countries

Professor Bauer and Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; Dip. Development Admin.; Dip. Soc. Admin. overseas option (one-yr.).

Description of course The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. Varying degrees of integration between different markets and between different sectors of the economy. Balanced and unbalanced growth. International trade and development. Fiscal and monetary problems of development. Some specific issues of policy.

Recommended reading A. N. Agarwala and S. P. Singh, *The Economics of Underdevelopment;* P. T. Bauer, *Dissent on Development;* *P. T. Bauer and B. S. Yamey, *The Economics of Under-developed Countries;* G. Ohlin, *Population Control and Economic Development* (O.E.C.D. Report, 1967); *H. G. Johnson, *Economic Policies Toward Less Developed Countries;* *S. Kuznets, *Modern Economic Growth: Rate Structure and Spread;* *W. A. Lewis, *Development Planning;* A. I. MacBean, *Export Instability and Economic Development;* I. Little, T. Scitovsky and M. Scott, *Industry and Trade in Some Developing Countries;* G. M. Meier, *Leading Issues in Development Economics;* *H. Myint, *The Economics of the Developing Countries;* H. Myint, *Economic Theory and the Underdeveloped Countries;* A. R. Prest, *Public Finance in Underdeveloped Countries;* T. W. Schultz, *Transforming Traditional Agriculture*. Starred items are basic reading. Further references will be given during the course.

88 Seminar on the Economics of Less Developed Countries

Professor Bauer and Professor Myint. Michaelmas and Lent Terms, in conjunction with Course 87. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Bauer or Professor Myint, to whom application should be made in writing.

89 Aspects of Economic Development (Classes)

Professor Myint, Dr Josling and Mr Layard. Fourteen classes, Lent and Summer Terms.

Note Students are also expected to attend Course 65 Theory of Investment Planning, Part I.

AGRICULTURAL ECONOMICS

90 Economic Analysis of Agricultural Production and Markets

Dr Josling. Five lectures, Summer Term.

For M.Sc. final yr.

Description of course The analysis of decision making at the farm-firm level including the use of linear programming, game theoretic and simulation techniques; the estimation of production functions and the application of production function analysis; the analysis of factor markets (except labour); analysis of consumer demand for agricultural products; macro-economic models of the farm sector.

Suggested reading K. A. Fox and D. G. Johnson (Eds.), *Readings in the Economics of Agriculture;* E. O. Heady, *The Economics of Agricultural Production and Resource Use;* E. O. Heady and J. Dillon, *Agricultural Production Functions;* Z. Griliches, "Research Expenditures, Education and the Aggregate Agricultural

Production Function" (*The American Economic Review*, December, 1964).

Further references will be given at the beginning of the course.

90(a) Classes

91 Agricultural Labour Market
Dr Metcalf. Five lectures, Lent Term.

For M.Sc. final yr.

Syllabus The operation of the agricultural labour market in the U.K., U.S.A. and certain developing countries. For the advanced countries special attention will be paid to problems of income distribution and rural poverty. For developing areas special attention to hypothesis of surplus agricultural labour and to problems caused by urban unemployment.

Recommended reading will be given at the beginning of the course.

91(a) Classes
Five classes, Lent Term.

92 Public Policy and Agriculture in Industrial Countries
Dr Josling. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The economic analysis of government policies toward agriculture, with emphasis on the objectives of agricultural policies and their effects on resource returns, income distribution, international trade, balance of payments and resource allocation. The impact of general economic policies on the farm sector.
Policies of the U.K., E.E.C., U.S.A. and Canada will be examined, but other countries may be studied if of interest to class participants.

Suggested reading D. E. Hathaway, *Government and Agriculture;* V. Ruttan, A. Waldo and J. Houck (Eds.), *Agricultural Policy in an Affluent Society.*

Further reading will be given at the beginning of the course.

92(a) Classes
Five classes, Michaelmas Term.

93 Seminar in Agricultural Economics
Dr Josling. Ten seminars, Michaelmas Term.

For M.Sc. final yr.; research degree and other interested students.

ECONOMIC ASPECTS OF ACCOUNTING

Details of the courses for M.Sc.: *Economic Aspects of Accounting*, IV 4(xv) will be found in the section on Accounting and Finance.

SOVIET ECONOMIC STRUCTURE

94 Soviet Economic Structure
Professor Wiles. Twenty-five lectures, Lent and Summer Terms.

For M.Sc. final yr. Also suitable for undergraduates.

Description of course The changing institutional framework and mechanisms of the economy, 1917–64: their intellectual origins; the actual performance of the economy. Parallel problems in other communist countries.

Recommended reading A. Nove, *The Soviet Economy*, 2nd edn.; K. Marx, *Value* (sometimes written "Wages"), *Price and Profit;* P. J. D. Wiles, *The Political Economy of Communism;* H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook).
Further reading will be given during the course.

95 Economic Problems of the Communist World (Seminar)
Professor Wiles, Dr Zauberman and Mr Markowski. Sessional.

For M.Sc. final yr.

Admission by permission of Professor Wiles, Dr Zauberman or Mr Markowski.

THEORY AND IMPLEMENTATION OF DETAILED PLANNING

96 Introduction to National Planning
Mr Markowski and Professor Wiles. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; B.Sc. (Econ.) Part II 3rd yr.

Description of course The general theory and practice of detailed national planning: in France, U.S.S.R., Pakistan, India.

Recommended reading B. Gross (Ed.), *Action Under Planning;* J. Tinbergen, *Central Planning;* P. J. D. Wiles, *The Political Economy of Communism;* P. Bauchet, *Economic Planning, The French Experience;* J. E. Meade, *Planning and the Price Mechanism;* 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.

96(a) Classes
Ten classes, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr. only.

97 Techniques in Normative and Indicative Planning
Dr Gomulka and Dr Zauberman. Thirty lectures, Lent Term.

For M.Sc. final yr.

Description of course Aggregate, inter-industry and operational planning. Choice of technique on micro-level. Price formation systems and dual stability theorem. Kuhn-Tucker conditions and decentralised procedures. Some topics in optimal growth. Some experiments with national planning in the Western world.

Recommended reading M. Kalecki, *Introduction to the Theory of Growth in a Socialist Economy;* J. Kornai, *Mathematical Planning of Structural Decisions;* A. Zauberman, *Aspects of Planometrics;* H. Fiszel, *Investment Efficiency in a Socialist Economy.*

Further reading will be given during the course.

98 Problems of Planning and Development (Seminar)
Dr Gomulka, Professor Wiles and Dr Zauberman. Sessional.
Attendance is by permission of Dr Gomulka or Dr Zauberman.

For M.Sc. final yr.

99 Control- and System-Theoretic Approach to Planning
Dr Zauberman. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Recommended reading will be given at the beginning of the course.

ECONOMICS OF EDUCATION AND HUMAN CAPITAL

100 Economics of Education and Human Capital
Mr Layard. Sixteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus: Principles of optimal private and social choice over time. The private investment choice in education.
The social rate of return to education: measuring returns by wages and by direct production function estimates. The contribution of education to economic growth. The social investment choice in education. The financing of education and the political economy of educational supply. The internal productivity of educational institutions. Industrial training, general and specific. Labour

market information, job search and the causes of unemployment. Labour mobility and brain drain. Economics of health and population. Economics of research and development.

Recommended reading G. S. Becker, *Human Capital;* J. Hirschliefer, *Investment, Interest and Capital;* M. Blaug, *Introduction to the Economics of Education;* M. Blaug (Ed.), *Penguin Modern Economics Readings, Economics of Education 1 and 2;* L. Thurow, *Investment in Human Capital;* L. Hansen (Ed.), *Education, Income and Human Capital;* "Investment in Human Beings" (*The Journal of Political Economy*, Supplement, October 1962); R. Freeman, *The Market for College Trained Manpower;* O.E.C.D., *The Residual Factor and Economic Growth;* Z. Griliches, "Research Expenditure, Education and the Agricultural Production Function" (*The American Economic Review*, April 1964); M. Friedman, *Capitalism and Freedom*, chaps. 2 and 6; H. G. Johnson, "Some Economic Aspects of Brain Drain" (*Pakistan Development Review*, Autumn 1967); M. Blaug, R. Layard, M. Woodhall, *Causes of Graduate Unemployment in India;* G. S. Becker, *Economics of Discrimination;* B. Weisbrod, *The Economics of Public Health;* G. S. Becker, "An Economic Analysis of Fertility" in *Demographic and Economic Change in Developed Countries;* D. Usher, "The Welfare Economics of Invention" (*Economica*, August 1964); H. G. Johnson, "The Efficiency and Welfare Implications of the International Corporation" in C. P. Kindleberger (Ed.), *The International Corporation;* N. Rosenberg (Ed.), *Penguin Modern Economics Readings: The Economics of Technological Change.*

101 Workshop in the Economics of Education

Mr Layard and Dr Psacharopoulos. Fortnightly, Sessional.

For M.Sc. final yr. This workshop will proceed systematically through the advanced literature in the subject. Admission by permission of Mr Layard.

102 Economic Models of Educational Planning

Dr Psacharopoulos. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course The philosophy, techniques and assumptions of alternative planning methods illustrated by actual applications; social demand, manpower requirements, international comparisons, rate of return and linear programming.

Recommended reading M. Blaug, *An Introduction to the Economics of Education* (Penguin, 1970); S. Bowles, *Planning Educational Systems for Economic Growth* (Harvard, 1969); R. Hollister, "The Economics of Manpower Forecasting" (*International Labour Review*, April 1964); R. Layard, "Economic Theories of Educational Planning" in M. H. Peston and B. A. Corry (Eds.), *Essays in Honour of Lord Robbins;* G. Psacharopoulos, "Estimating Shadow Rates of Return to Investment in Education" (*Journal of Human Resources*, Winter 1970); G. Psacharopoulos, "Rates of Return to Investment in Education Around the World" (*Comparative Education Review*, February 1972); G. Psacharopoulos and K. Hinchliffe, "Further Evidence on the Elasticity of Substitution Between Different Types of Educated Labour" (*The Journal of Political Economy*, July–August 1972).

103 Economics of Research and Development

Four lectures, Lent Term. This course will not be given in 1972–73.

Description of course Knowledge as a factor of production in a generalised capital-theoretic approach. Welfare problems in the provision of productive knowledge in a competitive system. The problem of basic as distinguished from applied research. Problems of university research and of government science policy. Optimality rules for investment in the production of knowledge. Knowledge as a consumption good.

Recommended reading will be given at the beginning of the session.

URBAN ECONOMICS

105 Urban Economics

Mr Flowerdew, Mr Foster and Dr Whitehead. Twenty-five lectures, Sessional.

For M.Sc. final yr. and others by arrangement.

Description of course Introduction to the analysis of urban economic growth, development and policy. The use of welfare economics, public finance theory and cost-benefit analysis. Urban housing: subsidies and rent control, household formation, densities, rehabilitation and renewal. Urban employment: economic growth, externalities, labour market, industrial and office controls. Planning and land use: locational economics, urban growth, environmental costs and benefits. Urban government: efficiency and redistributive issues. Urban transport.

Recommended reading W. Thomson, *A Preface to Urban Economics;* H. W. Richardson, *Urban Economics;* D. Netzer, *Economics and Urban Problems;* H. S. Perloff and L. Wingo (Eds.), *Issues in Urban Economics;* H. W. Richardson, *Regional Economics;* A. R. Prest and R. Turvey, "Cost-Benefit Analysis: A Survey", (*The Economic Journal*, December 1965); J. Rothenberg, *Economic Evaluation of Urban Renewal*; R. E. Muth, *Cities and Housing;* N. Lichfield, "Evaluation Methodology of Urban and Regional Plans: A Review" (*Regional Studies*, August 1970).

106 Urban Economics (Seminar)

Mr Flowerdew, Mr Foster, Mr Thomson and Dr Whitehead. Sessional.

For M.Sc. final yr. and others by arrangement.

Syllabus Discussion of papers by students, faculty and visitors in connection with all urban economics courses.

107 Introduction to Cost-Benefit Analysis

Mr Flowerdew. Five lectures in the first half of the Michaelmas Term.

For M.Sc. final yr. and others by permission.

Syllabus Principles of cost-benefit analysis. Externalities in cities. Valuing intangibles. Congestion and pollution. Cost-benefit analysis in planning.

Recommended reading A. R. Prest and R. Turvey, "Cost-Benefit Analysis: A Survey" (*The Economic Journal*); H. G. Welsh and Alan Williams, *Current Issues in Cost-Benefit Analysis;* J. Rothenberg, *Economic Evaluation of Urban Renewal;* N. Lichfield, "Evaluation Methodology of Urban and Regional Plans: A Review" (*Regional Studies*, August 1970).

108 Valuation of Intangibles in Cost-Benefit Analysis

Mr Flowerdew. Five lectures in the second half of the Michaelmas Term.

For M.Sc. final yr.

Syllabus Valuation of travel time, trip-end benefits including recreation, accidents and environmental effects.

Recommended reading E. J. Mishan, *Cost-Benefit Analysis;* Commission on the Third London Airport *Report*, Appendices 15 and 22; T. L. Burton and M. N. Fulcher, "The Measurement of Recreation Benefits – A Survey" (*Journal of Economic Studies*, July 1968).

109 Housing: Institutions and Economics

Mr Foster. Five lectures, Lent Term.

For M.Sc. final yr.

Syllabus The application of economic analysis to the housing market.

Recommended reading L. Needleman, *Economics of Housing;* A. A. Nevitt, *Economics and Problems of Housing;* A. A. Nevitt, *Housing, Taxation and*

Subsidies; A. N. Page and W. R. Seyfried (Eds.), *Urban Analysis.*

110 Topics in Urban Economics
Mr Foster and others. Five lectures in the second half of the Lent Term.

For M.Sc. final yr. and others by arrangement.

111 Economics of Environment
Dr Desai. Five lectures, Michaelmas Term.

For M.Sc. final yr. and others by arrangement.

Description of course The relevance of economic theory, especially the literature on externalities for the problems of environmental pollution, congestion and common property; operational approaches to the problem of environmental control will also be discussed.

Recommended reading A. Kneese and B. Bower, *Managing Water Quality: Economics, Technology Institutions* (Johns Hopkins, 1968); *Royal Commission on Environmental Pollution: First Report* (Cmnd. 4585, 1971).
Additional reading will be recommended at the beginning of the course.

Students taking Urban Economics in the M.Sc. may also be interested in the following courses:
No. 79 Urban and Transport Modelling
No. 83 The Economics of Multi-level Government.

MARX'S ECONOMICS IN THE LIGHT OF CONTEMPORARY ECONOMIC ANALYSIS

112 Marx's Economics in the Light of Contemporary Economic Analysis
Professor Morishima. Ten lectures, Lent Term.

For M.Sc. final yr.

Description of course Labour theory of value. Theory of exploitation. Transformation problem. Reproduction scheme. Law of relative surplus population. Towards the von Neumann revolution. The treatment is analytical and mathematical to enable Marx's contributions to be placed in the context of contemporary economic analysis. However, no advanced knowledge of mathematics is assumed.

Recommended reading A. Brody, *Proportions, Prices and Planning;* I. Adelman, *Theories of Economic Growth and Development;* J. Robinson, *An Essay on Marxian Economics;* P. Sraffa, *Production of Commodities by Means of Commodities;* P. M. Sweezy, *The Theory of Capitalist Development.*

112(a) Classes
Ten classes.

(B) M.Sc. in Econometrics and Mathematical Economics

113 Seminar in Quantitative Economics
Professor Gorman, Professor Sargan and others. Sessional.

For M.Sc. final yr.

Description of course Papers will cover recent work in quantitative economics, the econometric models and methodology used and an economic interpretation of the results.

Recommended reading S. J. Prais and E. S. Houthakker, *Analysis of Family Budgets;* M. Friedman, *The Consumption Function;* C. Christ, *Measurement in Economics;* R. Stone, *A Programme for Growth,* Vols. 1–5; N.B.E.R., *Models of Income Determination;* J. S. Duesenberry, G. Fromm, L. R. Klein, E. Kuh, *The Brookings-S.S.R.C. Quarterly Econometric Model of the U.S. Economy.*

114 Econometric Methodology for Quantitative Economics
Professor Sargan. Ten lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course More applied aspects of econometric methods. Dummy variables. Demographic variables. Instrumental variables with applications to permanent income hypothesis. Simultaneous equations systems with applications to production functions. Extraneous estimators and the combination of several samples. Covariance analysis.

Recommended reading as for Course 113.

115 Aggregation in Economics and Econometric Models
Professor Gorman. Ten lectures, Lent Term.

For M.Sc. final yr.

116 Advanced Mathematical Economics I

For M.Sc. final yr.

Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics I.

(i) Applications of Duality and Separability
Professor Gorman. Fifteen lectures, Michaelmas and Lent Terms.

(ii) General Equilibrium Analysis
Professor Morishima. Fifteen lectures, Lent Term.

(iii) Collective Choice
Professor Sen, Ten lectures, Michaelmas Term.

117 Advanced Mathematical Economics II

For M.Sc. final yr.
Available only to students taking Advanced Mathematical Economics I.

(i) Monetary Economics
Dr Ostroy. Twenty lectures, Lent Term.

(ii) Game Theory and Resource Allocation
Dr Dasgupta. Ten lectures, Lent Term.

(iii) Theory of Growth
Dr Majumdar. Fifteen lectures, Summer Term.

(iv) Optimum Growth
Mr Lane. Ten lectures, Michaelmas Term.

117(a) Mathematical Economics Classes
Lecturer to be announced. Fortnightly, Sessional.

For M.Sc. preliminary yr.

118 Seminar in Mathematical Economics
Professor Gorman and Professor Morishima. Fortnightly, Sessional.

For M.Sc. final yr.

119 Econometric Theory
Professor Sargan. Twenty-five lectures, Sessional.

For M.Sc. final yr.

Description of course Least squares, Aitken generalised, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading P. Dhrymes, *Econometrics;* A. S. Goldberger, *Econometric Theory;* E. Malinvaud, *Statistical Methods of Econometrics.*

119(a) Classes
Twenty classes, Michaelmas and Lent Terms.

120 Special Topics in Econometric Theory

Optional for M.Sc. final yr.
These courses are particularly recommended for students with a good knowledge of econometric theory.

(i) Finite Sample Theory
Professor Sargan. Five lectures, Michaelmas Term.

Description of course Models with two endogenous variables, exact distributions, approximations, moments. General approximations to distributions, Nagar approximations to moments.

(ii) Autocorrelation in Simultaneous Equation Systems
Dr Hendry. Five lectures, Lent Term.

Description of course Vector autoregressive processes, appropriate estimators based on generalisations of two stage least squares and full information maximum likelihood.

(iii) Estimation of Continuous Systems
Dr Wymer. Five lectures, Lent Term.

Description of course Estimation of differential equation systems and some econometric applications.

(iv) Estimation of Simultaneous Models
Dr Wymer. Three lectures, Lent Term.

Description of course Full information maximum likelihood estimation of econometric models with general restrictions on the coefficients. Applications.

(v) Spectral Methods in Econometrics
Dr Wallis. Five lectures, Lent Term.

121 Seminar in Econometrics
Professor Sargan and Professor Gorman. Fortnightly, Sessional.

For M.Sc. final yr. Others will be admitted only by permission of Professor Gorman or Professor Sargan.

(C) M.Sc. in Regional and Urban Planning Studies

122 Seminar in Regional and Urban Economics
Professor Day. Fifteen meetings, Lent and Summer Terms.

For M.Sc. final yr.

III Other Graduate Courses

For courses intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

123 Problems in Industrial Administration
Professor Sir Ronald Edwards. Sessional (evening). Admission strictly by permission of Professor Sir Ronald Edwards.

The seminar, which is organized jointly with the London Graduate School of Business Studies, will be attended by industrialists, professional businessmen and civil servants as guests, and each discussion will be based on a paper prepared and circulated in advance.
The papers will be concerned with such matters as the following: distinctive features of cost, demand, organization and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organization and economics of research; the development of new enterprises; industrial location in the light of present government policy; labour relations and

the human factor; relations with trade associations and government departments.

124 Monetary Economics: Theory and Testing
Mr Alford. Michaelmas and Lent Terms.

This seminar is for staff and graduate students working for the M.Phil and Ph.D. degrees. It will cover general monetary theory, and theory and testing in relation to: (*a*) the U.K. monetary system, (*b*) the U.S. monetary system, and (*c*) the international monetary system. Application for admission should be made in writing to Mr Alford in the first week of the Michaelmas Term.

125 Research Seminar in the Economics of Education
Professor Blaug. Fortnightly, Lent and Summer Terms.

For academic staff and research students. Optional for M.Sc. final yr. Admission by permission of Professor Blaug.

126 Educational Planning Seminar
Professor Moser and Mr Williams. Fortnightly, Sessional.

For academic staff and graduate students.

127 Workshop in Economic Research
Professor Walters and Mr Thomas. Sessional.

For research degree students.
This workshop offers students writing dissertations the opportunity to present their work for criticism and advice by staff and fellow students.

128 Computer Programs for Economists
Dr Hendry, Professor Sargan and Dr Wymer. Lent Term.

For research degree students in Economics. This course will consider programs designed to apply a variety of econometric methods, including analysis of time-series data, autocorrelation problems, simultaneous equation models, prediction and simulation, and the estimation of non-linear equations.

129 Contemporary Economics
This course will not be given in 1972–73.

An informal discussion group for M.Sc. and other graduate students in Economics.

130 Further Methods of Economic Investigation
Dr Wallis and Dr Hendry. Ten lectures, Lent Term.

For graduate students in economics.

IV Additional Courses for Undergraduates and Graduates

131 Behaviouralism and Economic Analysis
Dr Devletoglou. Five lectures, Michaelmas Term.

Suitable for graduate students.

Description of course A survey of the major recent attempts to emphasise human behaviour in economic analysis in a manner compatible with current developments in the behavioural disciplines. The lectures will concentrate on the theory of consumer and firm behaviour, but will also consider problems in macro-behaviour.

Recommended reading N. Georgescu-Roegen, *Analytical Economics*, 1966, Parts I and II; F. M. Nicosia, *Consumer Decision Processes*, 1966; A. G. Papandreou, "Some Basic Problems in the Theory of the Firm" (*A Survey of Contemporary Economics*, Vol. II, A.E.A., 1952); J. A. Howard, *Buyer and Executive Behavior*, 1963; R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*, 1963; N. E. Devletoglou, "A Dissenting View of Duopoly and Spatial Competition" (*Economica*, May, 1965); H. A. Simon, "Theories of

Decision-Making in Economics and Behavioural Science" (*Surveys of Economic Theory*, A.E.A.-R.E.S., 1966); N. E. Devletoglou and P. A. Demetriou, "Choice and Threshold" (*Economica*, November, 1967); N. E. Devletoglou, "Threshold and Rationality" (*Kyklos*, Fasc. 4, 1968); J. Buchanan, *Cost and Choice*, 1970; N. E. Devletoglou, "Thresholds and Transaction Costs" (*The Quarterly Journal of Economics*, February 1971), or *Consumer Behaviour*, 1971.

132 Introduction to Linear Programming

Dr Makower. Five lectures, Lent Term.

Suitable for undergraduates.

Suggested reading J. Hadar, *Elementary Theory of Economic Behaviour*, chap. 11; H. Makower, *Activity Analysis;* J. R. Hicks, "Linear Theory" (*The Economic Journal*, December 1960); W. J. Baumol, "Activity Analysis in One Lesson" (*The American Economic Review*, December 1958).

133 The U.K. Capital Market

Mr Alford. Nine lectures, Michaelmas Term.

Syllabus Framework of the U.K. capital market; the characteristics and functions of the chief financial institutions; banks; hire purchase finance companies; investment and unit trusts; insurance companies; official and semi-official financial institutions; the Stock Exchange and the new issue market; monetary policy.

Recommended reading H. B. Rose, *Economic Background to Investment*, Parts 2 and 5; C.O.I., Reference Pamphlet 24, *British Financial Institutions* and 65, *The British Banking System* (H.M.S.O.); Investors Chronicle Ltd., *The New "Beginners Please"*, chaps. 3, 4, 6.

134 Methodology of Cost-Benefit Studies of the Location of Airports

Professor Walters. Four lectures, Michaelmas Term.

For graduate students and undergraduates by permission of Professor Walters.

Recommended reading *Report of the Commission on the Third London Airport* (H.M.S.O.).

135 Economics of Socialism

Mr Markowski. Ten lectures, Lent and Summer Terms.

Optional for B.Sc. (Econ.) Part I.

136 Marxian Economics

Professor Wiles and Dr Desai. Fifteen lectures, Lent and Summer Terms.

For graduate and undergraduate students specialising in economics.

Description of course The course is designed to cover the treatment of value and accumulation, and the nature of economic relationships in communist society in Marx and subsequent Marxian writers. The relevance of Marxian economics to the problems of modern capitalism and the third world will also be discussed.

Recommended reading K. Marx, *Capital*, Vol. 1; E. Mandel, *Marxist Economic Theory;* P. Wiles, *Political Economy of Communism*.

Further reading will be given at the beginning of the course.

137 Economics of Integration

Dr Krauss. Twelve lectures, Michaelmas and Lent Terms.

For graduate students and undergraduates by permission of Dr Krauss.

Description of course Customs Union theory, monetary union, fiscal harmonisation, E.E.C. agricultural policy. British entry.

Selected reading M. B. Krauss, *The Economics of Integration*.

137(a) Economics of Integration (Seminar)

Dr Krauss. Ten seminars, Michaelmas and Lent Terms.

138 Welfare Economics and Political Conflicts

Professor Sen. Six lectures, Lent Term.

Description of course Political choices involved in interpersonal and intergroup conflicts will be discussed and traditional welfare economics will be reviewed in that light.

Recommended reading will be given at the beginning of the course.

139 Seminar in Income Distribution and Economic Inequality

Professor Sen, Dr Desai and Mr Layard. Weekly meetings of two hours each, Lent Term.

For graduate students and undergraduates by permission.

140 Aspects of Income Distribution

Mr Layard. Six lectures, Michaelmas Term.

For graduate and undergraduate students.

Description of course The course will evaluate different explanations of the size distribution of earnings, and discuss the likely effect on it of different policies from a positive and normative point of view.

Recommended reading will be given at the beginning of the course.

Accounting and Finance

Accounting and Finance

150 Preliminary Accounting

Professor Baxter and others. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I.

This is an optional introduction to accounting for students who may take the subject at Part II. The aim is to explain the subject's scope, the organization of the accounting profession, and the kind of careers that it offers.

151 Accounting I: Introduction

Professor Edey. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. preliminary and final yrs.

Syllabus: The balance sheet and the income account. Assets and finance. Flow of funds statements. Interpretation.

Recommended reading H. C. Edey, *Business Budgets and Accounts*, chaps. 1–3; *Introduction to Accounting;* C. T. Horngren, *Accounting for Management Control* (chaps. 1–5); F. W. Paish, *Business Finance*. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

152 Accounting IIa: Company Accounting

Mr French. Twelve lectures and fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr; M.Sc. preliminary yr.

Note Accounting I (Course 151) is a prerequisite for Accounting IIa.

Syllabus The nature and significance of limited liability companies; the formation and financing of a new company; the legal requirements relating to company accounts; the preparation of company final accounts; the revenue account including dividend policy; the balance sheet with particular reference to capital maintenance and capital structure; the interpretation of the final accounts of companies; group structure and group accounts.

Recommended reading The works mentioned under Accounting I, Course 151; H. Bierman and A. Drebin, *Financial Accounting: An Introduction;* B. S. Yamey, "The Development of Company Accounting Conventions" (*Three Banks Review*, September 1960); F. W. Paish, *Business Finance;* H. C. Edey, "Accounting Principles and Business Reality" in H. C. Edey and B. V. Carsberg (Eds.), *Modern Financial Management*. Reference may be made to *The Companies Acts, 1948* and *1967; Report of the Company Law Committee* (Cmnd. 1749, 1962); H.M.S.O., 1960–62 *Minutes of Evidence taken before the Company Law Committee;* K. F. Byrd, *The Preparation of Consolidated Balance Sheets of Holding and Subsidiary Companies;* D. J. Bogie, *Group Accounts*. For descriptions of company accounting practice see Rowland, *Principles of Accounts;* E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* or Jones, *Guide to Company Balance Sheets*. For an American approach see M. J. Gordon and G. Shillinglaw, *Accounting: a Management Approach*.

153 Accounting IIb: Management Information Systems

Mr Watson. Ten lectures and ten classes, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.

Note Accounting I (Course 151) is a prerequisite for Accounting IIb.

Syllabus Basic features of the accounting information system. Electronic data processing. The design of systems. Internal control.

Recommended reading Reference may be made to H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* R. H. Gregory and R. L. Van Horn, *Automatic Data-Processing Systems*.

154 Accounting IIc: Introduction to Auditing

Mr Gordon-Picking. Five lectures and five classes, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus Purpose of audits. Auditors' duties under Companies Acts. Form and content of auditors' reports. Auditing standards, the auditor's approach. Internal control and the accounting system. The main accounting systems. Documentation and evaluation of systems. The use of flow charts. Tests of procedures and relation to audit scope. The balance sheet audit. Audit of assets, in particular stock and debtors. Audit of liabilities and owners' equity. Review of operations. The business approach to auditing. Audit of computer systems. Statistical sampling techniques and the auditor. Computer audit packages.

Recommended reading P. Bird (Ed.), *A Casebook on Auditing Procedures;* P. Bird, *A Manual of Possible Solutions* (in conjunction with first title); V. R. V. Cooper, *Manual of Auditing*, 2nd edn.; H. F. Stettler, *Auditing Principles*, 3rd edn.

OTHER REFERENCES: British Computer Society, *Computer Audit Packages;* G. B. Davis, *Auditing and E.D.P.;* Institute of Chartered Accountants in England and Wales, *Statements on Auditing;* "The Development of Auditing Standards" in M. Backer (Ed.), *Handbook of Modern Accounting Theory.*

155 Accounting IIIa: Capital Budgeting

Mr Watson. Ten lectures and ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. preliminary and final yrs.

Syllabus Investment and financing decisions in the firm. The use of models. Methods of finance. Risk and uncertainty. Capital rationing situations. The dividend decision.

Recommended reading Relevant parts of: W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); J. C. Van Horne, *Financial Management and Policy;* H. Bierman and S. Smidt, *The Capital Budgeting Decision* (2nd edn.). Further reading will be recommended during the course.

156 Accounting IIIb

Professor Baxter. Eighteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ) Part II 3rd yr.; M.Sc. preliminary and final yrs.

Syllabus Financial accounting, with particular reference to company accounts, the valuation of assets, shares, partnership interests, and firms. The measurement of income, costs and depreciation. The effects of price change on accounts.

Recommended reading Relevant parts of W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory;* J. C. Bonbright, *The Valuation of Property*, chaps. I to XII and XXVI; B. V. Carsberg and H. C. Edey (Eds.), *Modern Financial Management;* R. H. Parker and G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income.* Reference may be made to such standard textbooks as E. E. Spicer and E. C. Pegler, *Bookkeeping and Accounts* (16th edn.); R. N. Anthony, *Management Accounting;* M. J. Gordon and G. Shillinglaw, *Accounting: a Management Approach.*

Other works will be recommended during the course.

157 Accounting IIIc: Budgetary Planning and Control

Mrs Dev. Seven lectures and seven classes, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. preliminary and final yrs.

Syllabus Short-run planning and control in the firm. Budgetary control. Responsibility and control. Analysis of cost and revenue for pricing, output, and other decisions. Presentation of cost information.

Recommended reading H. C. Edey, *Business Budgets and Accounts*; C. T. Horngren, *Accounting for Management Control: An Introduction*, chaps. 6–17.

158 Accounting IIId: Public Sector Accounting

Mr French. Five lectures and five classes, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus The planning, appraisal, control and finance of real investment projects in the public sector with emphasis on the contrasts with private sector practice.

Recommended reading "Output Budgeting and the Contribution of Macro-Economics to Efficiency in Government" (*C.A.S. Occasional Paper* No. 4, H.M.S.O.); P. D. Henderson, "Investment Criteria for Public Enterprises" in R. Turvey (Ed.), *Public Enterprise;* O. Eckstein, "A Survey of the Theory of Public Expenditure Criteria" in R. W. Houghton (Ed.), *Public Finance;* J. V. Krutilla and O. Eckstein, *Multiple Purpose River Development;* A. R. Prest and R. Turvey, "Cost-Benefit Analysis – A Survey" in *Surveys in Economic Theory*, Vol. 3; E. L. Norman, *The Accountability and Audit of Governments;* H. H. Hinrichs and G. M. Taylor, *Program Budgeting and Benefit-Cost Analysis: Cases, Text and Reading;* D. Novick, *Program Budgeting.*

Further references will be given at the beginning of the course.

159 History of Accounting

Professor Yamey and Mr de Ste. Croix. Three lectures, at times to be arranged.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. and others interested.

160 Accounting and Economic Theory (Seminar)

Professor Baxter and Mr Gould. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus Some topics in economics of particular interest to accountants including business valuation and cost analysis will be discussed.

161 Accounting for Non-Specialists

Mrs Dev. Seven meetings, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus Revision of Courses 151 and 157.

Recommended reading As for Courses 151 and 157.

162 Business Finance for Trade Union Studies Course

Mr J. W. Smith. Ten meetings, Lent Term.

163 Accounting Problems

Professor Baxter and others. Ten meetings of one hour each, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

FOR GRADUATE STUDENTS

165 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Ten meetings, Lent Term.

166 Valuation and Accounting Theory

Professor Baxter. Fifteen meetings, Michaelmas and Lent Terms.

For M.Sc.

167 Simulation Models

Professor Flower. Ten lectures and ten classes, Michaelmas and Lent Terms.

Students taking this course for M.Sc. in Accounting and Finance will be examined on a written report.

168 Long-Term Planning and Control
Professor Bromwich. Ten meetings, Lent Term.
For M.Sc.

169 Topics in Cost-Benefit Analysis
Mr French. Ten lectures, Michaelmas Term.
For M.Sc.; Dip. in Personnel Management.

170 Problems in Accounting and Finance
Professor Edey and Mrs Dev. Fifteen meetings, Michaelmas and Lent Terms.
For M.Sc.

171 Capital Budgeting
Professor Carsberg. Ten meetings, Lent Term.
For M.Sc.

Note M.Sc. in Accounting and Finance and in Management Studies A (preliminary year): for courses in Accounting see Nos. 151, 152, 155 to 157, and for courses in Micro-economics and Macro-economics see Nos. 28(i) and 28(ii), and for the Course in Quantitative Methods for Economists see No. 23. For M.Sc. (final year) course in Economics of Industry see No. 84, and for the course in Public Finance see Nos. 81–83.

Geography

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 most courses, students are taught in common by teachers of both colleges. However, the introduction of college syllabuses for the B.Sc. has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students should take care to identify the courses needed to complete their specific degree requirements. Systematic and regional course units in Geography are given in lists A and B on pages 214-5.

COURSES FOR B.Sc. (ECON.) PART I

182 Introduction to Human Geography

Professor Wise and Professor Jones. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Maths., Soc., Soc. Anth. 1st yr., 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. Ambrose, *Analytical Human Geography;* R. Arvill, *Man and Environment;* R. Abler, J. S. Adams and P. Gould, *Spatial Organisation;* W. Bunge, *Theoretical Geography;* M. Chisholm, *Rural Settlement and Land Use;* M. Chisholm, *Geography and Economics;* R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography;* J. I. Clarke, *Population Geography;* R. E. Dickinson, *City and Region;* R. E. Dickinson, *Regional Ecology;* R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography;* P. Haggett, *Locational Analysis in Human Geography;* J. H. Johnson, *Urban Geography;* R. Minshull, *The Changing Nature of Geography;* R. L. Morrill, *The Spatial Organisation of Society;* J. H. Paterson, *Land, Work and Resources;* W. Zelinsky, *A Prologue to Population Geography.*

182(a) Geography Class

Dr Hamilton and others.

183 Theory and Techniques of Spatial Analysis

Dr Board, Mr Goddard, Mr Spence and Dr Thornes. Twenty classes of two hours, Sessional.

For B.Sc. (Econ.) Part I. Compulsory for B.Sc. c.u. main field Geog. 1st yr.

Syllabus An introduction to theoretical and quantitative geography: the spatial organisation of society: quantitative approaches to the analysis of urban and regional systems, including statistical and mapping techniques.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: a Reader in Statistical Geography;* P. Haggett, *Locational Analysis in Human Geography;* R. J. Chorley and P. Haggett, *Models in Geography;* R. Abler, J. S. Adams and P. Gould, *Spatial Organisation;* R. Morrill, *The Spatial Organisation of Society;* J. C. Doornkamp and C. King, *Numerical Analysis in Geomorphology;* M. R. Spiegel, *Theory and Problems of Statistics;* L. J. King, *Statistical Analysis in Geography.*

COURSES FOR B.Sc. AND B.Sc. (ECON.) PART II

Note Students reading for B.Sc. are required to attend three field classes, one in each year of their course. Students reading Geography as a special subject in Part II of the B.Sc. (Econ.) are required

to attend two field classes, one in the second and one in the third year of their course. The field classes are normally of one week's duration and are customarily arranged during the Easter vacation.

184 Physical Geography

Dr Brunsden, Mr Drewett, Mr D. K. C. Jones, Dr M. Jones and Dr F. Rose.

Compulsory for B.Sc. c.u. main field Geog. 1st yr.

Syllabus The course is concerned with landforms, weather and climate, and vegetation and soils. Basic principles, concepts and relationships between the different fields of physical geography are stressed. Three introductory lectures discuss scale, time and systems in physical geography, and are followed by:

I Landforms

Eighteen lectures, Michaelmas and Lent Terms.

Syllabus The earth's primary features, continental drift, sea-level change, weathering and mass movements, hydrology and drainage systems and coastal geomorphology.

Recommended reading M. Morisawa, *Streams;* A. Holmes, *Principles of Physical Geology;* W. D. Thornbury, *Principles of Geomorphology;* B. W. Sparks, *Rocks and Relief;* J. Gilluly, A. C. Waters and A. O. Woodford, *Principles of Geology;* J. A. Steers (Ed.), *Introduction to Coastline Development.*

II Meteorology and Climatology

Seventeen lectures, Michaelmas and Lent Terms.

Syllabus The atmosphere, its heat and moisture balance, global circulation, air masses and weather systems, micro-climate.

Recommended reading G. T. Trewartha, *An Introduction to Climate;* H. Riehl, *Introduction to the Atmosphere;* G. T. Trewartha, *The Earth's Problem Climates;* R. G. Barry and R. J. Chorley, *Atmosphere, Weather and Climate;* H.M.S.O., *A Course in Elementary Meteorology.*

III Biogeography

Eighteen lectures, Sessional.

Syllabus Biological history of the earth, ecosystems, world vegetation and soils, water ecosystems, pollution and conservation.

Recommended reading R. L. Donahue, *Soils;* C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils;* J. R. Matthews. *Origin and Distribution of the British Flora;* E. P. Odum, *Ecology* (Modern Biology Series); *Fundamentals of Ecology* (1968); A. G. Tansley, *Britain's Green Mantle* (1968).

185 Man and his Physical Environment

Dr Thornes, Mr D. K. C. Jones and Mrs Rees. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (normally taken in 3rd yr.); B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A survey of the interaction between societies and the physical environment, including problems of pollution, conservation and resources. Emphasis will be laid upon ecological, economic and control systems approaches to problems of environmental pressure and management.

Recommended reading R. Arvill, *Man and Environment;* I. Burton and R. W. Kates, *Readings in Resource Management and Conservation;* W. L. Thomas Jr., *Man's Role in Changing the Face of the Earth;* R. J. Chorley and B. A. Kennedy, *Physical Geography: a Systems Approach;* A. Kneese and B. T. Bower, *Managing Water Quality.*

186 Human Geography

Professor Morgan and others. Forty-six lectures, Sessional.

Compulsory for B.Sc. c.u. main field Geog. 1st yr.

Syllabus An introduction to the field of human geography including a general study of the evolving relationship between man and his physical environment. Emphasis will be laid on the geography of population and the geography of society.

Recommended reading R. Arvill, *Man and Environment;* A. Barnett, *The Human Species;* A. M. Bates, *Man in Nature;* E. Boserup, *The Conditions of Agricultural Growth;* A. M. Carr-Saunders, *World Population;* M. Chisholm, *Rural Settlement and Land Use;* J. I. Clarke, *Population Geography;* C. D. Forde, *Habitat, Economy and Society;* P. Haggett, *Locational Analysis in Human Geography;* H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography;* E. Jones, *Human Geography;* P. L. Wagner, *The Human Use of the Earth;* P. L. Wagner and M. W. Mikesell, *Readings in Cultural Geography;* J. H. Johnson, *Urban Geography;* R. S. Thomas, E. C. Coutling and M. H. Yeates, *The Geography of Economic Activity, 1968;* R. L. Morrill, *The Spatial Organisation of Society.*
Note for Theory and Techniques of Spatial Analysis see course 183.

187 Practical Class

Mr Shepherd. Sessional.

Compulsory for B.Sc. (Econ.) Part II 2nd yr.

Syllabus The application of quantitative methods to spatial analysis. Map analysis and cartographic representation of statistical data.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography;* R. Abler, J. S. Adams and P. Gould, *Spatial Organisation.*

188 Applied Spatial Analysis

Mr Goddard and Mr Frost. Sessional.

For B.Sc. c.u. main fields Geog. 2nd yr., Maths.

Syllabus The practical application of quantitative methods of analysis, using the computer, to specific problems in urban, economic and social geography. The description of spatial patterns (points, lines and surfaces); the measurement of spatial associations; methods of classification and regionalisation; calibration of spatial models and the use of computer simulation techniques.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis; A Reader in Statistical Geography;* L. J. King, *Statistical Analysis in Geography.*

189 Economic and Regional Geography of the British Isles

Professor Wise and others. Forty lectures and classes, Michaelmas and Lent Terms.

Compulsory for B.Sc. c.u. main field Geog. 2nd yr. Appropriate sections for B.Sc. (Econ.) Part II 2nd yr.

Syllabus 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 pattern of selected industries, evolution of the present pattern of land use.

Recommended reading L. D. Stamp and S. H. Beaver, *The British Isles;* J. B. Mitchell (Ed.), *Great Britain: Geographical Essays;* A. E. Trueman, *The Scenery of England and Wales;* U.K. Geological Survey and Museum, *British Regional Geology;* L. D. Stamp, *The Land of Britain: Its Use and Misuse;* Land Utilisation Survey of Britain, *The Land of Britain;* Wilfred Smith, *An Economic Geography of Great Britain;* T. W. Freeman, *Ireland;* E. G. Bowen (Ed.), *Wales;* A. E. Smailes, *North England;* J. A. Steers (Ed.), *Field Studies in the British Isles;* J. W. Watson and J. B. Sissons (Eds.), *The British Isles;* Ministry of Power, *Fuel Policy 1967;* J. T. Coppock and H. Prince (Eds.), *Greater London;* K. M. Clayton (Ed.), *Guide to London Excursions;* J. T. Coppock, *An Agricultural Atlas of England and Wales;* Clarendon Press, *Atlas of Britain*; E. Jones and D. J. Sinclair, *The Atlas of London* (1968); British Railways Board, *The Development of the Major Trunk Routes;* Ministry of Transport, *Roads for*

the Future; Board of Trade, *The Movement of Manufacturing Industry in the U.K., 1945–65: The Intermediate Areas;* M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy;* G. McCrone, *Regional Policy in Britain.*

190 Africa I (General)

Professor Pugh and Professor Morgan. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr. (to be taken in conjunction with either Course 191 or Course 192); B.Sc. c.u. main field Geog. 2nd yr.

Syllabus A study of the physical environment and of the distribution of man and his economic activities, especially of Tropical Africa. Treatment will be by topics and by countries.

Recommended reading W. A. Hance, *The Geography of Modern Africa;* R. J. Harrison Church and others, *Africa and the Islands;* A. B. Mountjoy and C. Embleton, *Africa;* B. W. Hodder and D. R. Harris, *Africa in Transition;* R. Mansell Prothero (Ed.), *A Geography of Africa;* M. F. Thomas and G. W. Whittington, *Environment and Land Use in Africa;* A. M. Kamarck, *The Economics of African Development;* Oxford University, *Regional Economic Atlas of Africa;* P. Bohannan, *African Outline;* L. P. Green and T. J. D. Fair, *Development in Africa.*

191 Africa II (West Africa)

Professor Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II 3rd yr. (Students take this course or course 192); M.A. (Area Studies); M.Sc.

Syllabus A detailed study of West Africa, more especially of the spatial structure of its economy.

Recommended reading R. J. Harrison Church, *West Africa;* K. B. Dickson, *A Historical Geography of Ghana;* P. Hill, *Migrant Cocoa Farmers of Southern Ghana;* W. B. Morgan and J. C. Pugh, *West Africa;* H. P. White and M. B. Gleave, *An Economic Geography of West Africa;* K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria;* J. I. Clarke, *Sierra Leone in Maps;* B. F. Johnston, *The Staple Food Economies of Western Tropical Africa.*

192 Africa III (Southern Africa)

This course will not be given in 1972–73.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II 3rd yr. (Students take this course or course 191.)

Syllabus An examination of locational concepts in the regional framework of Southern Africa.

Recommended reading L. P. Green and T. J. D. Fair, *Development in Africa: A Study in Regional Analysis with Special Reference to Southern Africa;* South Africa, Department of Planning, *Development Atlas;* M. H. Yeates, *An Introduction to Quantitative Analysis in Human Geography;* J. Friedman, *Regional Developments Policy.*

193 (i) Europe I

Dr Hamilton and Mr Sinclair. Twenty lectures and five seminars, Sessional.

For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II 2nd yr.

Syllabus The geography of Europe, including examples from the British Isles and the European U.S.S.R. Macro-regional units, their similarities and contrasts. Man and environment, resource use and deficiencies. Economic, demographic, social and political change in modern times. Regional growth strategies and planning, agricultural modernisation. Spatial trends in industrialisation. Processes and patterns of urbanisation.

Recommended reading E. C. Marchant (Ed.), *The Countries of Europe as Seen by their Geographers;* R. J. Harrison Church and others, *An Advanced Geography of Northern and Western Europe;* A. Sømme, *A Geography of Norden;* G. W. Hoffman (Ed.), *A Geography of Europe;* N. M. Hansen, *France in the Modern World;* K. Sinnhuber, *Germany, its Geography and Growth.*

193 (ii) Western Europe

Dr Yates and Mr Sinclair. Twenty-five lectures and five seminars, Sessional.

For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus The contemporary geography of Western Europe viewed in an evolutionary, regional context. The physical, social and economic attributes of the 'new' Europe; the regional impact of political and economic integration. E.E.C. and E.F.T.A. Special studies of selected areas and problems chosen to exemplify major themes in the relationship between west European society and its environment.

193 (iii) Eastern Europe

Dr Hamilton. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus The political, social and economic legacies of history in Eastern Europe as examined as a background to the analysis of national and regional planning for economic development and social progress. Planning organisation, resource use, location criteria and production characteristics are considered as major themes.

Recommended reading G. W. Hoffman (Ed.), *Eastern Europe: Essays in Geographical Problems;* R. H. Osborne, *East-Central Europe: A Geographical Introduction to Seven Socialist States;* F. E. I. Hamilton, *Yugoslavia: Patterns of Economic Activity;* N. J. G. Pounds, *Eastern Europe.*

194 The U.S.S.R.

Dr Hamilton. Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Recommended reading J. P. Cole and F. C. German, *A Geography of the U.S.S.R.;* S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.;* W. G. East, *The Soviet Union;* M. R. Shackleton, *Europe: A Regional Geography* (7th edn., Ed. W. G. East); D. J. M. Hooson, *The Soviet Union: A Regional Geography.*

195 Monsoon Asia

Mr Rawson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Studies of environment and society in the countries from West Pakistan to Manchuria, inclusive. Treatment will be on a country and topic basis, with more detailed study of selected regions; some work on large-scale maps will be included.

Recommended reading W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia;* J. Sion, *Asie des Moussons* (*Géographie Universelle*, Tome IX, Pts. 1 and 2); L. D. Stamp, *Asia;* O. H. K. Spate, *India and Pakistan;* E. H. G. Dobby, *South East Asia;* J. E. Spencer, *Asia East by South;* G. B. Cressey, *Land of the 500 Million, A Geography of China;* O. Lattimore, *Inner Asian Frontiers of China;* G. T. Trewartha, *Japan;* E. A. Ackerman, *Japan's Natural Resources;* A. Pim, *Colonial Agricultural Production;* B. H. Farmer, *Pioneer Peasant Colonization in Ceylon;* R. R. Rawson, *The Monsoon Lands of Asia;* B. W. Hodder, *Man in Malaya;* C. A. Fisher, *South-east Asia;* D. W. Fryer, *Emerging Southeast Asia;* P. P. Courtenay, *A Geography of Trade and Development in Malaya;* H. C. Hart, *New India's Rivers;* N. Ahmad, *The Economic Geography of East Pakistan.* Other literature will be suggested during the course.

196 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall and Dr K. R. Sealy. Twenty lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II 2nd yr.

Syllabus A systematic review of the changing physical and human resources of the continent; an analysis of developments in leading sectors of the economy, and of the geographical implications of government activity.

Recommended reading R. C. Estall, *A Modern Geography of the United States;* Oxford Regional Economic Atlas, *The United States and Canada;* C. Taeuber and I. Taeuber, *The Changing Population of the U.S.A.;* M. Clawson, R. B. Held and C. H. Stoddard, *Land for the Future;* H. H. Landsberg, *Natural Resources for U.S. Growth;* D. J. Patton, *The United States and World Resources;* E. Higbee, *American Agriculture;* L. Haystead and G. C. Fite, *Agricultural Regions of the United States;* C. M. Green, *The Rise of Urban America;* S. B. Cohen (Ed.), *Problems and Trends in American Geography.*

196(a) North America I (Classes)

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

197 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr K. R. Sealy. Twenty lectures, Sessional.

For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus A broad review of regional disparities in economic structure and performance and some theoretical explanations thereof. A detailed analysis of the economic and social geography of selected regions and contrasting regional problems.

Recommended reading General texts: H. S. Perloff, E. S. Dunn, E. E. Lampard and R. F. Muth, *Regions, Resources and Economic Growth;* J. H. Paterson, *North America;* W. R. Mead and E. H. Brown, *The United States and Canada;* G. H. Dury and R. Mathieson, *The United States and Canada;* Special studies: R. C. Estall, *New England, A Study in Industrial Adjustment;* J. R. Ford (Ed.), *The Southern Appalachian Region: A Survey;* J. F. Hart, *The Southern United States;* L.M. Alexander, *The North Eastern United States;* J. Gottman, *Megalopolis;* J. H. Garland (Ed.), *The North American Midwest;* D. W. Lantis, R. Steiner and A. E. Karinen, *California: Land of Contrast;* R. H. Durrenberger, *California: The Last Frontier.* Some background to modern patterns and problems can be obtained from B. E. Supple (Ed.), *The Experience of Economic Growth*, part IV; H. F. Williamson (Ed.), *The Growth of the American Economy*, part V; A. Birnie, *A Short Economic History of the United States.* For Canada: see P. Carnu, E. P. Weeks and Z. W. Sametz, *The Economic Geography of Canada, with An Introduction to the 68-region System.*

197(a) North America II (Classes)

For B.Sc. c.u. main field Geog. 3rd yr.

198 Geomorphology I

Dr Brunsden, Dr Embleton, Mr D. K. C. Jones and Dr Thornes. Forty lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II 2nd yr.

Syllabus A study of the processes of landform sculpture under differing climatic and structural environments, and the techniques used in process investigations. This course will involve seminars, laboratory and field work.

Recommended reading M. A. Carson and M. J. Kirkby, *Hillslope Form and Process;* L. B. Leopold, G. Wolman and J. P. Miller, *Fluvial Processes in Geomorphology;* C. E. Embleton and C. A. M. King, *Glacial and Periglacial Processes;* C. A. M. King, *Beaches and Coasts.*

199 Geomorphology II

Dr Embleton and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Chronological studies in geomorphology. Methods of dating and their limitations. Problems of landscape evolution illustrated by selected regional examples, with special reference to areas of the British Isles.
This course will involve some fieldwork.

Recommended reading S. W. Wooldridge and D. L. Linton, *Structure Surface and Drainage in South-east England;* V. B. Sissons, *The Evolution of Scotland's Scenery;* R. G. West, *Pleistocene Geology and Biology;* E. H. Brown, *Relief and Drainage of Wales.*

200 Geomorphology III

Dr Brunsden and Dr Thornes. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Major 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* (Vol. I): *Geomorphology before Davis;* C. Albritton, *The Fabric of Geology*, A. E. Schedegger, *Theoretical Geomorphology;* D. F. Alarbaugh and F. Bonham-Carter, *Computer Simulation in Geology.*

201 Geomorphology

Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course. At University College.

Optional for B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The precise content of the course varies from year to year, but it is in the general field of current research by staff on selected themes within geomorphology.

202 Meteorology and Climatology

Twenty-five lectures, Sessional. An intercollegiate course. At University College.

For B.Sc. c.u. main field Geog. 2nd yr.

Recommended reading H. C. Willett and F. Sanders, *Descriptive Meteorology;* G. T. Trewartha, *The Earth's Problem Climates;* S. L. Hess, *Introduction to Theoretical Meteorology;* W. D. Sellers, *Physical Climatology.*

202(a) Meteorology and Climatology (Classes)

In conjunction with Course 202.

203 Climatic Change

Dr M. Jones. Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course.

For 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 Paleoclimatology.*

203(a) Climatic Change (Classes)

In conjunction with Course 203.

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.

204 Theoretical Aspects of Economic Geography

Mrs Rees. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus An introduction to some theoretical concepts to be used in a subsequent economic geography course. Resource allocation theory (land, labour and capital). Traditional and behavioural location theories.

Recommended reading R. Dorfman, *Prices and Markets;* R. H. T. Smith, E. J. Taaffe and L. J. King, *Readings in Economic*

Geography; G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing;* H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography.*

205 Economic Geography: I

Mrs Rees. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The nature of resources. Economic and actual methods of allocating and exploiting scarce resources. Role of government in resource allocation. Natural resources and economic growth. The geography and economics of water resources. The geography of energy and of mineral production. Allocation or conservation?

Recommended reading M. Chisholm, *Geography and Economics;* I. Burton and R. W. Kates, *Readings in Resource Management;* H. Boesch, *A Geography of World Economy;* H. L. Barnet and C. Morse, *Scarcity and Growth;* N. G. Ginsburg, *Essays in Geography and Economic Development;* P. R. Odell, *An Economic Geography of Oil;* P. R. Odell, *Oil and World Power;* E. S. Simpson, *Coal and the Power Industries in Postwar Britain;* G. Manners, *The Geography of Energy;* H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography;* J. Rees, *Industrial Demand for Water;* J. Hirshleifer *et al.*, *Water Supply: Economics, Technology and Policy;* Institution of Civil Engineers, *Conservation of Water Resources in the United Kingdom.*

205(a) Economic Geography: I (Class)

Mrs Rees. Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II 2nd yr.

205(b) Economic Geography (Class)

Mrs Rees.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

206 Economic Geography: II

Mr Sinclair and Professor Morgan. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus Concepts and methods in the geography of agriculture. The evolution, location and structure of systems of commercial agriculture.

Recommended reading L. Symons, *Agricultural Geography;* A. N. Duckham, *The Fabric of Farming;* M. Chisholm, *Rural Settlement and Land Use;* J. W. Alexander, *Economic Geography;* R. Dumont, *Types of Rural Economy;* A. Martin, *Economics and Agriculture;* S. H. Franklin, *The European Peasantry;* K. Dexter and D. Barber, *Farming for Profits;* H. F. Gregor, *Geography of Agriculture: Themes in Research;* E. Isaac, *Geography of Domestication;* W. B. Morgan and R. J. C. Munton, *Agricultural Geography.*

206(a) Economic Geography: II (Class)

Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

207 Economic Geography: III

Dr J. E. Martin, Dr Estall and Dr K. R. Sealy. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr; B.Sc. c.u. main field Geog. 3rd yr.

Syllabus The location of economic activity. The economic geography of industry. Industrial complexes. The elements of the geography of transport.

Recommended reading E. M. Hoover, *The Location of Economic Activity;* R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography;* D. M. Smith, *Industrial Location, An Economic Geographical Analysis;* P. Haggett, *Locational Analysis in Human Geography;* D. W. Fryer, *World Economic Development;* J. W. Alexander, *Economic Geography;* U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources;* G. Alexandersson, *Geography of Manufacturing;* G. J. Karaska and D. F. Bramhall, *Locational Analysis for Manufacturing: A Selection of Readings;* H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography;* B. E. Coates and E. M. Rawstron, *Regional Variations in Britain;* F. E. I. Hamilton, *Models of Industrial Location* in R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* C. D. Foster, *The Transport Problem;* H.M.S.O., *The Transport Needs of Great Britain in the Next Twenty Years* (Hall Report, 1963); British Railways Board, *The Reshaping of British Railways* (Beeching Report); British Railways Board, *The Development of the Major Railway Trunk Routes*, 1965; U.K. Ministry of Transport, *Traffic in Towns* (Buchanan Report); K. R. Sealy, *The Geography of Air Transport;* F. E. I. Hamilton, *Yugoslavia;* R. J. Chorley and P. Haggett (Eds.), *Models in Geography* chaps. 7–12; Ministry of Transport, *Traffic for Industry.*

207(a) Economic Geography: III (Class)

Dr J. E. Martin and others. Eight classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.

208 Economic Geography: IV

Professor Wise and others. Sessional. An intercollegiate course. At University College.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. in connection with Economic Geography I, II and III 2nd or 3rd yr.

209 Social Geography

Professor Jones, Sessional. This course is given only in alternate years.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A study of the relationships of social groups with their environments and the regional differentiation of such relationships.

Recommended reading W. Zellinsky, *Prologue to Population Geography;* J. Beaujeu-Garnier, *Geography of Population;* J. Saville, *Rural Depopulation* E. R. Wolf, *Peasants;* J. M. Houston, *A Social Geography of Europe;* G. A. Theodorson (Ed.), *Studies in Human Ecology;* A. Hawley, *Human Ecology;* P. W. Burgess and D. J. Bogue, *Contributions to Urban Sociology;* A. J. Reiss and P. K. Hatt, *Cities and Society.*

210 Urban Geography

Professor Jones and others. Sessional. An intercollegiate course.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The history, morphology, economic base and social geography of cities, together with their regional relations.

Recommended reading A. E. Smailes, *The Geography of Towns;* E. Jones, *Towns and Cities;* R. E. Dickinson, *City and Region;* L. Mumford, *The City in History;* R. Murphy, *The American City;* G. Sjoberg, *The Pre-Industrial City;* A. B. Gallion and S. Ersner, *The Urban Pattern;* P. Self, *Cities in Flood;* L. Reissmair, *The Urban Process;* A. J. Reiss and P. K. Hatt, *Cities and Society;* Centre for Urban Studies, *London, Aspects of Change;* E. Jones, *A Social Geography of Belfast;* G. A. Theodorson (Ed.), *Studies in Human Ecology;* B. J. L. Berry, *Geography of Market Courses and Distribution;* B. J. L. Berry and F. Horton, *Geographical Perspectives on Urban Systems;* J. Johnson, *Urban Geography: An Introductory Analysis.*

211 Urban and Regional Systems

Mr Drewett, Mr Goddard and Mr Spence. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus The theoretical and technical aspects of the analysis of urban and regional systems. Use of developmental, interaction, decision-making and evaluation models in a planning context.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems;* G. Chadwick, *A Systems View of Planning;* M. Chisholm, A. E. Frey and P. Haggett (Eds.), *Regional Forecasting;* R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning: A Reader;* P. Haggett, *Locational Analysis in Human Geography;* W. Isard, *Methods of Regional Analysis: An Introduction to Regional Science;* J. B. McLoughlin, *Urban and Regional Planning: A Systems Approach;* H. S. Perloff and L. Wingo (Eds.), *Issues in Urban Economics;* W. R. Thompson, *A Preface to Urban Economics;* A. G. Wilson, *Entropy in Urban and Regional Modelling.*

212 Geography of Rural Settlement

Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

213 Historical Geography: British Isles

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A study of the historical geography of the British Isles, with special reference to England.

Recommended reading W. G. East, *The Geography behind History;* J. B. Mitchell, *Historical Geography;* H. C. Darby (Ed.), *An Historical Geography of England before 1800;* W. G. Hoskins, *The Making of the English Landscape.*

213(a) Historical Geography (Class)

Dr Lambert. Twenty classes, Michaelmas and Lent Terms.

214 Historical Geography: Western and Central Europe

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A study of the interrelations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs; the geographical significance of political and administrative divisions.

Recommended reading W. G. East, *An Historical Geography of Europe; The Geography behind History;* C. T. Smith, *Historical Geography of Western Europe;* E. A. Freeman, *The Historical Geography of Europe; Cambridge Economic History of Europe,* Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe,* Vol. I, chap. 13; Vol. V, chap 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth;* J. H. Clapham, *The Economic Development of France and Germany;* B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500–1850;* A. M. Lambert, *The Making of the Dutch Landscape.*

215 Biogeography: I

Dr Yates and Dr Rose. An intercollegiate course. At King's College.

For B.Sc. c.u. main field Geog. 2nd yr.

Note Two field weekends are a compulsory part of the course.

216 Biogeography: II

Dr Yates and Dr Rose. An intercollegiate course. At King's College.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Note Attendance at a field class in Plant Geography is a compulsory part of the course. If this course is taken in the third year, the field course must be taken in the previous summer.

217 Geography and Planning

Mr Diamond. Michaelmas and Lent Terms. An intercollegiate course.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Geog. 3rd yr.; M.Sc.

Syllabus A study of the way in which, and the extent to which, town and country planning has affected the geography of Britain.

Recommended reading J. B. Cullingworth, *Town and Country Planning in England and Wales;* C. D. Buchanan, *Traffic in Towns;* P. J. O. Self, *Cities in Flood;* D. Senior (Ed.), *The Regional City;* J. H. Tetlow and A. Goss, *Homes, Towns and Traffic;* P. G. Hall, *Theory and Practice of Regional Planning;* G. McCrone, *Regional Policy in Britain.* References to official planning studies and to the periodical literature will be given during the course.

218 History of Geographical Science and Discovery: I

An intercollegiate course. At Birkbeck College.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus The development of geographical concepts and methods since A.D. 1300 with special emphasis on the interrelation between ideas and discoveries.

219 Political Geography: I

Mrs Toledano. Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog. 2nd or 3rd yr.

Syllabus A general study of the interaction between geographical factors and the state, including such aspects as territorial organization and expansion, demographic considerations and strategic factors.

Recommended reading N. J. G. Pounds, *Political Geography;* J. R. V. Prescott, *The Geography of State Policies;* H. J. De Blij, *Systematic Political Geography;* C. A. Fisher (Ed.), *Essays in Political Geography;* W. A. D. Jackson, *Politics and Geographic Relationships.* Periodical and other literature will be suggested during the course.

220 Political Geography: II The Political Geography of West Africa

Professor Harrison Church.

Sessional. This course will not be given in 1972–73.

For B.Sc. c.u. main field Geog. 3rd yr. Open to other students by agreement.

221 Latin America: Pre-Industrial Societies

Miss Newson. Sessional.

For B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus This course examines the origin, nature and evolution of pre-industrial societies in Latin America.

222 Philosophy, Methodology and Explanation in Geography

Mr Drewett and Mr Spence. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Geog. 3rd yr.; graduate students by permission.

Syllabus Scientific explanation through inductive and deductive reasoning. The structure of scientific hypotheses and the development of theories and laws. The use of models, systems and model languages for geographic explanation. Evaluation of methodology and levels of explanation in geography. Elaboration of specific philosophies and methods in geography.

Recommended reading H. M. Blalock, *Causal Inferences in Non-Experimental Research;* F. E. Emery (Ed.), *Systems Thinking;* T. S. Kuhn, *The Structure of Scientific Revolutions;* K. R. Popper, *The Logic of Scientific Discovery;* S. Toulmin, *The Philosophy of Science;* R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* R. Hartshorne, *Perspective in the Nature of Geography;* D. Harvey, *Explanation in Geography;* L. J. King, *Statistical Analysis in Geography.*

223 Transport Geography (Class)

Dr K. R. Sealy. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Recommended reading P. Haggett and R. J. Chorley, *Network Analysis in Geography;* M. J. Bruton, *Introduction to Transportation Planning;* B. T. Bayliss and S. L. Edwards, *Transport for Industry;* K. M. Johnson and H. C. Garnett, *The Economics of Containerisation;* H.M.S.O. Report of the Committee of Inquiry into Civil Air Transport (Edwards Report), *British Air Transport in the Seventies.*

FOR GRADUATE STUDENTS

Note Courses 228–239, 242 and 245 are intended primarily for students reading Geography for M.Sc. All M.Sc. students should consult their advisers in selecting courses which meet the specific requirements of their degree syllabus.

228 Modern Geographical Thought and Practice

Professor E. Jones and Dr B. S. Morgan. Michaelmas and Lent Terms.

Also for M.Sc. in Regional and Urban Planning Studies.

A course of lectures and discussions in methodology.

228(a) Modern Geographical Thought and Practice (Classes)

Michaelmas and Lent Terms.

229 Quantitative Methods in Geography

Mr Goddard and Mr Spence. Sessional.

Also for M.Phil. and Ph.D. students by permission.

Syllabus Spatial probability models, sampling and statistical inference, correlation and regression, factor analytic models, taxonomic procedures, spatial series, canonical models.

Recommended reading L. J. King, *Statistical Analysis in Geography.*

230 Geography of Industry

Dr J. E. Martin. Sessional.

Syllabus Industrial linkage, subcontracting and geographical association of industries; economies of agglomeration. Industrial cities and regions; intrametropolitan location; the economic base and inter-regional flows. Empirical studies of industrial location and movement: methods of research, sources and problems. Location decision making and location theory. Transportation, freight rates and comparative costs in the geography of industry.

Recommended reading D. M. Smith, *Industrial Location: an Economic Geographical Analysis;* A. Pred, *Spatial Dynamics of U.S. Urban-Industrial Growth, 1800–1914;* P. A. Groves, *Towards a Typology of Intrametropolitan Manufacturing Location;* E. L. Ullman, M. F. Dacey and H. Brodsky, *The Economic Base of American Cities;* S.E. Joint Planning Team, *Strategic Plan for the South East,* Studies, Vols. 1 and 5; W. F. Luttrell, *Factory Location and Industrial Movement;* M. L. Greenhut and M. R. Colberg, *Factors in the Location of*

Florida Industry; D. L. McKee, R. D. Dean and W. H. Leahy, *Regional Economics.*

231 Transport Studies

Dr K. R. Sealy.

Students are advised to take Course 52 Economics of Transport, if they have not already done so.

Syllabus Characteristics and analysis of transport networks, aspects of market research, transport planning with particular reference to road and air transport. Where possible, practical work will be set in association with this course.

Recommended reading General references: C. D. Foster, *The Transport Problem;* K. M. Gwilliam, *Transport and Public Policy;* J. H. Tetlow and A. Goss, *Homes, Towns and Traffic;* D. J. Reynolds, *Economics, Town Planning and Traffic;* J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem;* D. St. J. Thomas, *The Rural Transport Problem;* K. R. Sealy, *The Geography of Air Transport* (2nd edn.); A. Rosenberg, *Air Travel within Europe;* B. T. Bayliss, *European Transport;* B. T. Bayliss and S. L. Edwards, *Transport for Industry* (H.M.S.O.); M. Peters, *International Tourism;* K. Kansky, *Structure of Transportation Networks;* Department of Geography, University of Chicago, *Research Paper* 54, 1963; P. Haggett and R. J. Chorley, *Network Analysis in Geography.*

232 Resource Management and Utilisation

Mrs Rees. Sessional.

Syllabus Economic methods of resource allocation, pricing systems, investment appraisal, cost-benefit analysis. Real world methods used to allocate land, water, fuels and minerals between competing uses. The distribution of resources that results. Conservation *versus* management. Environmental quality problems.

233 Urban Geography

Professor E. Jones. Sessional.

Syllabus Urban origins, growth and the process of urbanisation. Theories of differentiation within cities, relating to function and society.

234 The Geography of Agriculture

Mr Sinclair. Sessional.

Syllabus Environmental studies of subsistence and commercial agriculture. The role and status of agriculture in economic development, and the analysis of changes in the structure of agricultural activity.

235 Social Geography of South Africa

This course will not be given in 1972–73.

Also for M.A. (Area Studies) Africa.

Syllabus Cultural, ethnic and political factors in the changing distribution of population in South Africa and neighbouring countries.

236 Geography of West Africa

Professor Morgan. Sessional.

Syllabus The economic and social geography of West Africa with particular reference to problems of site and location in selected regions and countries.

237 The Spatial Structure of the South African Economy

Michaelmas and Lent Terms. This course will not be given in 1972–73.

Syllabus Stages of economic development and their spatial manifestation, socio-economic regionalisation, nodal regions and their integration in development regions.

238 Regional Problems in the United States
Dr Estall.

Syllabus An analysis of the processes of industrial change and of the regional problems arising therefrom. The role of government as an agent of geographic change.

239 Concepts and Methods of Geomorphology
Dr Brunsden and Dr Thornes. Twenty-four lectures and classes.

240 Geographical Research Seminar
Mr Spence and Mr Drewett. Sessional.

For all graduate students in the department.
A series of lectures and discussions presented by invited speakers, reflecting the broad spectrum of current geographical and planning research.

M.Sc. REGIONAL AND URBAN PLANNING STUDIES

241 Regional and Urban Planning Problems (Seminar)
Professor Day, Professor Self and Mr Diamond. An interdepartmental seminar, Summer Term.

242 Geographical Concepts in Regional and Urban Planning (Seminar)
Mr Diamond. Michaelmas and Lent Terms.

Also for M.Sc. in Geography.

A seminar on the application of locational and spatial concepts to problems of urban and regional planning.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems;* G. Chadwick, *A Systems View of Planning;* F. S. Chapin, *Urban Land Use Planning;* M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy;* R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography;* J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning;* J. P. Gibbs, *Urban Research Methods;* P. Haggett, *Locational Analysis in Human Geography;* P. G. Hall, *Theory and Practice of Regional Planning;* J. B. McLoughlin, *Urban and Regional Planning;* K. Norborg (Ed.), *The I.G.U. Symposium in Urban Geography.*

Other references will be given during the course.

243 Quantitative Methods in Regional and Urban Planning Studies
Mr Flowerdew. Michaelmas Term.

244 Introduction to British Urban and Regional Planning
Mr Diamond. Four lectures, Michaelmas Term.

For M.Sc. in Economics; Operational Research.

245 Urban Systems (Graduate Course)
Mr Drewett. Six lectures, Michaelmas Term, beginning in the fifth week of the Michaelmas Term.

Also for M.Sc. in Economics; Geography; Operational Research.

Syllabus Inter and intra-urban patterns and functional processes will be examined in the context of systems analysis and model building. The basic components of the urban system and their interdependence will be outlined reviewing the associated theoretical and empirical models.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems.*

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

D. Brunsden, B.Sc., Ph.D.; Lecturer in Geography.

Alice M. Coleman, M.A.; Reader in Geography.

C. Embleton, M.A., Ph.D. (Cantab.); Reader in Geography.

M. E. Frost, B.A., M.Sc.; Lecturer in Geography.

Maureen Jones, B.Sc. (Wales), M.Sc., Ph.D.; Lecturer in Geography.

G. R. P. Lawrence, M.Sc.; Lecturer in Geography.

B. S. Morgan, B.Sc., Ph.D. (Exeter); Lecturer in Geography.

W. B. Morgan, M.A. (Oxon.), Ph.D. (Glasgow); Professor of Geography.

Linda Newson, B.A., Ph.D.; Lecturer in Geography.

J. C. Pugh, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Professor of Geography.

F. Rose, B.Sc., Ph.D.; Senior Lecturer in Biogeography.

E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

History

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Economic History

260 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.) Part I; B.Sc. c.u. main fields Maths., Soc.

Syllabus The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850;* J. D. Chambers, *The Workshop of the World;* P. d'A. Jones, *The Consumer Society;* W. A. Lewis, *Economic Survey, 1919–1939;* R. S. Sayers, *A History of Economic Change in England, 1880–1939;* C. C. Spence, *The Sinews of American Capitalism;* W. M. Stern, *Britain Yesterday and Today.*
FOR REFERENCE G. C. Allen, *British Industries and their Organisation* (1959 or 1961 edn.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History;* W. Ashworth, *An Economic History of England, 1870–1939;* A. C. Bolino, *The Development of the American Economy;* A. K. Cairncross, *Home and Foreign Investment;* T. C. Cochran and W. Miller, *The Age of Enterprise;* W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times;* D. Dillard, *Economic Development of the North Atlantic Community;* J. H. Dunning and C. J. Thomas, *British Industry: Change and Development in the Twentieth Century;* E. J. Hobsbawm, *Industry and Empire;* M. A. Jones, *American Immigration;* The Royal Institute of International Affairs, *The Problem of International Investment;* H. N. Scheiber (Ed.), *United States Economic History: Selected Readings;* P. B. Trescott, *Financing American Enterprise;* H. F. Williamson (Ed.), *The Growth of the American Economy.*

260(a) Classes

261 Industrialisation and the International Economy since 1830

Professor Fisher, Dr Earle, Mr Baines and Mr Falkus. Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog.

Syllabus The growth of world population: changes in its occupational and regional distribution; the development of primary production in temperate and tropical zones; the development of mechanised transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialisation in Western Europe (including Great Britain), U.S.A., Russia and Japan; the development and organization of capital and labour markets; the breakdown of the international economy in the interwar years; changes in national economic policies; the development of international economic institutions.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850;* W. A. Lewis, *Economic Survey, 1919–1939;* A. Gerschenkron, *Economic Backwardness in Historical Perspective;* W. W. Rostow, *The Stages of Economic Growth;* R. T. Gill, *Economic Development;* S. S. Kuznets, *Six Lectures on Economic Growth;* A. Maddison, *Economic Growth in the West; Economic Growth in Japan and the U.S.S.R.;* D. S. Landes, *The Unbound Prometheus;* M. Postan, *An Economic History of Western Europe, 1945–1964;* E. L. Jones and S. J. Woolf (Eds.), *Agrarian Change and Economic Development;* R. M. Robertson, *History of the American Economy;* A. G. Kenwood and A. L. Lougheed, *The Growth of the International Economy, 1820-1960;* M. E. Falkus, *Russian Industrialization, 1700-1914;* United Nations XIII, Demography 1953, 3, *The Determinants and Consequences of Population Trends;* J. V. Levin, *The Export Economies;* The Royal Institute of International Affairs, *The Problem of International Investment;* League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade;* 1945, A.10, *Industrialization and Foreign Trade;* H. J. Habakkuk and

M. Postan (Eds.), *The Cambridge Economic History of Europe*, Vol. VI Pts. I and II; B. E. Supple (Ed.), *The Experience of Economic Growth.*

261(a) Classes

262 Introduction to Modern English Economic History

Mr W. M. Stern. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Hist. 1st yr.; Dip. Soc. Admin.

Not available to students who have taken Economic History at 'A' level.

Syllabus The subject will be divided into three periods: from the discovery of the New World to the middle of the eighteenth century; the Industrial Revolution and its aftermath; the last hundred years. In each period the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organization and policy.

Recommended reading J. H. Clapham, *A Concise Economic History of Britain from the Earliest Times to 1750;* G. N. Clark, *The Wealth of England, 1496–1760;* M. D. George, *England in Transition;* T. S. Ashton, *The Industrial Revolution, 1760–1830;* W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times;* R. S. Sayers, *A History of Economic Change in England, 1880–1939;* G. Dangerfield, *The Strange Death of Liberal England, 1910–1914;* W. Johnson, J. Whyman and G. Wykes, *A Short Economic and Social History of Twentieth Century Britain.*

FOR REFERENCE T. S. Ashton, *An Economic History of England: The Eighteenth Century;* W. Ashworth, *An Economic History of England, 1870–1939;* J. H. Clapham, *Economic History of Modern Britain;* P. Mathias, *The First Industrial Nation;* N. J. Smelser, *Social Change in the Industrial Revolution;* S. Pollard, *The Development of the British Economy, 1914-1950.* Books on particular subjects will be recommended in the course of the lectures.

262(a) Classes

263 Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries

Professor Fisher. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.A. Hist.; M.Sc.

Syllabus This course will examine the economy of England in some detail and that of Western Europe in broad outline. Aspects of the English economy to be considered will include: the structure and growth of population, agriculture, industry, trade, finance and the movement of prices, as well as various economic and social problems and the main features of state policy in relation thereto. Economic development in continental Europe will be considered partly for the purpose of comparison with that of England and partly with reference to England's economic relationships overseas.

Recommended reading will be given at the beginning of the course.

264 English Economic History in its European Background from 1700 to the Second World War

Professor John, Dr. Hunt and Mr W. M. Stern. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.A. Hist.; B.Sc. c.u. main field Geog.; M.Sc.

(i) 1700–1815

Professor John. Ten lectures.

(ii) 1815 to the 1880s

Dr Hunt. Ten lectures.

(iii) The 1880s and After

Mr W. M. Stern. Ten lectures.

Recommended reading will be given at the beginning of the course.

265 The Social and Political Structure of England in the Late Sixteenth and Early Seventeenth Centuries

Professor Fisher. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

266 The Social and Political Structure of England in the Nineteenth Century

Professor John, Dr Brown, Dr Erickson, Mr Baines and others. Twenty-six lectures, Sessional.

For B.A. Hist. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.; M.Sc. Optional for B.A./B.Sc. (Soc.) Branch I 3rd yr.

Syllabus The growth of population and its distribution; the major social groups in British society.
The press; the growth of science; religion in nineteenth-century England; some of the major schools of political and social thought. The structure of central and local government; the making of social policy; the Irish question; nineteenth-century imperialism.

Recommended reading R. D. Altick, *The English Common Reader, 1800–1900;* W. Ashworth, *The Genesis of Modern British Town Planning;* J. A. Banks, *Prosperity and Parenthood;* G. F. A. Best, *Mid-Victorian Britain;* A. Briggs, *The Age of Improvement; Victorian Cities; Chartist Studies;* H. L. Beales, *The Making of Social Policy;* W. L. Burn, *The Age of Equipoise;* S. G. Checkland, *The Rise of Industrial Society in England, 1815-85;* G. Kitson Clark, *The Making of Victorian England;* A. M. Carr-Saunders and P. A. Wilson, *The Professions;* H. Grisewood (Ed.), *Ideas and Beliefs of the Victorians;* B. K. Gray, *Philanthropy and the State;* H. J. Hanham, *Elections and Party Management;* W. E. Houghton, *The Victorian Frame of Mind;* M. Hewitt, *Wives and Mothers in Victorian Industry;* R. Lambert, *Sir John Simon;* A. M. Lowndes, *The Silent Social Revolution;* D. Lockwood, *The Blackcoated Worker;* H. M. Pelling, *A History of British Trade Unions;* H. J. Perkin, *The Origins of Modern English Society, 1780–1880;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* J. H. Plumb (Ed.), *Studies in Social History;* S. D. Chapman (Ed.), *The History of Working-Class Housing;*E. Hobsbawm, *Labouring Man;* H. A. Turner, *Trade Union Growth, Structure and Policy;* D. Roberts, *Victorian Origins of the British Welfare State;* D. Read, *Press and People, 1790–1850;* J. Saville (Ed.), *Democracy and the Labour Movement;* N. Smelser, *Social Change in the Industrial Revolution;* F. M. L. Thompson, *English Landed Society in the Nineteenth Century;* A. F. Weber, *The Growth of Cities in the Nineteenth Century;* G. M. Young, *Victorian England, Portrait of an Age;* M. Wright, *Treasury Control of the Civil Service, 1854–74.*

267 Economic History of the United States of America

(i) The Colonial Period, 1607–1790

Professor Fisher and Mr Potter. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.), Part II 2nd yr.

Syllabus The development of the American economy from the first settlements to nationhood. The nature of the colonial links with Britain. Population growth and distribution.
Economic aspects of the American Revolution and formation of the first federal government.

(ii) 1790–1873

Dr Erickson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

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; banking; promotion and regulation of the economy.
The U.S.A. and the outside world: Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

(ii)(a) Classes
Ten classes, fortnightly, Lent and Summer Terms.

(iii) 1873–1929
Dr Erickson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

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; prosperity and depression.

(iii)(a) Classes
Ten classes, fortnightly, Michaelmas and Lent Terms.

(iv) The U.S.A. since 1930
Mr Potter, Dr Erickson and others. Twelve meetings of one-and-a-half hours, Lent and early Summer Terms.

For B.Sc. (Econ.) Part II 3rd yr. and other interested third-year and 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)–(iv) The most suitable work for this course is R. M. Robertson, *History of the American Economy* (2nd edn., 1964). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); E. A. J. Johnson and H. E. Krooss, *The American Economy* (1961); F. Thistlethwaite, *The Great Experiment* (1955).
Other useful textbooks include: A. C. Bolino, *The Development of the American Economy* (1966); S. Bruchey, *The Roots of American Economic Growth, 1607-1861;* L. E. Davis and others, *American Economic History* (1961); E. C. Kirkland, *A History of American Economic Life* (4th edn., 1969); J. M. Peterson and R. Gray, *Economic Development of the United States (1969);* H. F. Williamson (Ed.), *The Growth of the American Economy* (1951). Other works: R. Andreano (Ed.), *The Economic Impact of the American Civil War;* R. T. Berthoff, *British Immigrants in Industrial America, 1790–1950;* A. G. Bogue, *From Prairie to Corn Belt;* L. V. Chandler, *America's Greatest Depression, 1929–41;* A. W. Coates and R. M. Robertson, *Essays in American Economic History;* S. Coben and F. G. Hill, *American Economic History: Essays in Interpretation;* C. Danhof, *Changes in Agriculture in the Northern United States, 1820–70;* F. R. Dulles, *Labor in America;* E. J. Ferguson, *The Power of the Purse;* A. Fishlow, *American Railroads and the Transformation of the Ante-Bellum Economy;* R. W. Fogel, *Railroads and American Economic Growth;* E. Frickey, *Economic Fluctuations in the United States, 1865–1914; Production in the United States, 1860–1914;* M. Friedman

and A. J. Schwartz, *A Monetary History of the United States, 1867–1960;* P. W. Gates, *The Farmer's Age, Agriculture, 1815–1860;* C. L. Goodrich, *Government Promotion of American Canals and Railroads;* B. Hammond, *Banks and Politics in America from the Revolution to the Civil War;* M. L. Hansen, *The Immigrant in American History;* R. Hofstadter, *The Age of Reform;* E. C. Kirkland, *Industry Comes of Age, 1860–1897;* H. B. Lary, *The United States in the World Economy;* P. McAvoy, *The Economic Effects of Regulation;* M. G. Myers, *A Financial History of the United States;* National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century* and *Output, Employment and Productivity in the U.S. after 1800* (Studies in Income and Wealth, Vols. 24 and 30); C. P. Nettels, *The Emergence of a National Economy, 1775–1815;* D. C. North, *The Economic Growth of the United States, 1790–1860;* H. S. Perloff and others, *Regions, Resources and Economic Growth;* U. B. Phillips, *Life and Labor in the Old South;* F. A. Shannon, *The Farmer's Last Frontier;* Herbert Stein, *The Fiscal Revolution in America;* W. P. Strassman, *Risk and Technological Innovation;* R. Swierenga, *Pioneers and Profits;* G. R. Taylor, *The Transportation Revolution;* P. Temin, *Iron and Steel in Nineteenth-century America; The Jacksonian Economy;* Brinley Thomas, *Migration and Economic Growth;* W. P. Webb, *The Great Plains.*

268 International Economic History, 1850–1945
Mr W. M. Stern. Seventeen lectures, Michaelmas and Lent Terms. Five classes, Lent Term. This course will not be held unless a sufficient number of students offers the subject.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

Syllabus Growth and distribution of world population. Growth of manufacturing industry. Development of agriculture, international trade and investment and the chief influences upon them, including changes in transport, in financial organization and in the commercial policies of the Great Powers. The growth of international economic organizations, both public and private. The changing influence of economic factors on the political and military strength of the Great Powers.

Recommended reading P. Ashley, *Modern Tariff History;* W. Ashworth, *A Short History of the International Economy since 1850;* J. B. Condliffe, *The Commerce of Nations;* M. R. Davie, *World Immigration;* H. Feis, *Europe, the World's Banker, 1870–1914;* I. Ferenczi and W. F. Willcox, *International Migrations;* A. G. Ford, "The Truth about Gold" (*Lloyds Bank Review*, July 1965); M. A. Jones, *American Immigration;* A. G. Kenwood and A. L. Lougheed, *The Growth of the International Economy, 1820-1960;* D. S. Landes, *The Unbound Prometheus;* League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade;* A.6, *Commercial Policy in the Inter-War Period;* 1945, A.10, *Industrialization and Foreign Trade;* W. A. Lewis, *Economic Survey, 1919–1939;* The Royal Institute of International Affairs, *The Problem of International Investment;* W. M. Scammell, "The Working of the Gold Standard" (*Yorkshire Bulletin of Economic and Social Research*, XVII, 1, 1965); United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svennilson); H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, VI: *The Industrial Revolutions and After;* F. H. Hinsley (Ed.), *The New Cambridge Modern History*, XI: *Material Progress and World-Wide Problems, 1870–1898;* L. H. Jenks, *The Migration of British Capital to 1875;* P. Taylor, *The Distant Magnet: European Emigration to the U.S.A.;* D. Thomson (Ed.), *The New Cambridge Modern History*, XII: *The Era of Violence, 1898–1945;* M. Tracy, *Agriculture in Western Europe.*
E. Hexner and A. Walters, *International Cartels;* M. Hill, *The Economic and Financial Organization of the League of Nations;* O. J. Lissitzyn, *International Air Transport and National Policy;* L. L. Lorwin, *The International Labor Movement;* E. S. Mason, *Controlling World Trade;* A. Plummer, *International Combines in Modern Industry;* J. Price, *The*

International Labour Movement; J. T. Shotwell (Ed.), *The Origins of the International Labor Organization;* A. Sturmthal, *Unity and Diversity in European Labor.*
W. Y. Carman, *A History of Firearms from Earliest Times to 1914;* W. H. B. Court, "The Communist Doctrines of Empire" and "The Years 1914–1918 in British Economic and Social History" in *Scarcity and Choice in History;* H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry;* W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare;* A. J. Marder, *British Naval Policy, 1880–1905;* A. S. Milward, *The Economic Effects of the World Wars on Britain;* J. T. W. Newbold, *How Europe Armed for War (1871–1914);* E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833–1914;* The Royal Institute of International Affairs, *Survey of International Affairs,* 1939–1946, Vol. I, *The World in March, 1939,* Part II; B. E. Supple (Ed.), *The Experience of Economic Growth;* Y.-L. Wu, *Economic Warfare.*

269 Social and Economic History of Western Europe, 1300-1700
Dr Bridbury and Dr Earle. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part I.
Recommended reading will be given during the course.

269(a) Social and Economic History of Western Europe, 1300–1700 (Classes)
Dr Bridbury, Miss O. P. Coleman and Dr Earle.
For B.Sc. (Econ.) Part I.

270 Introduction to the Methods of Econometric History
Mr Potter, Mr Thomas and Dr Desai. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: special subjects Economic History, Modern, Economic History, Mediaeval (third year) and graduate students in Economic History.
Syllabus and **recommended reading** will be given during the course.

271 Mediaeval Economic History (Classes)
Miss O. P. Coleman and Dr Bridbury.
For B.Sc. (Econ.) Part II.

272 Economic History, 1575–1642 (Class)
Professor Fisher.
For B.Sc. (Econ.) Part II.

273 Modern Economic History, 1830–1886 (Class)
Professor John and Mr W. M. Stern.
For B.Sc. (Econ.) Part II.

274 Britain and the International Economy, 1929-1936 (Class)
Mr Baines and Mr Falkus.
For B.Sc. (Econ.) Part II.

275 English Economic History, 1485–1760 (Class)
For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

276 English Economic History from 1760 (Class)
For B.Sc. (Econ.) Part II 2nd yr.

FOR GRADUATE STUDENTS

277 British Labour History, 1815–1939
Dr Hunt and Mr Baines. Twenty lectures, Sessional.
For M.Sc.
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.

278 The Sources and Historiography of the Economic History of England, 1350–1500 (Seminar)
Miss O. P. Coleman and Dr Bridbury. Fortnightly, Sessional.

279 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)
Professor Fisher. Sessional.

280 The Sources and Historiography of British Economic History, 1783–1850 and 1900–1950 (Seminar)
Professor John and Mr W. M. Stern. Weekly, Sessional.

281 The Sources and Historiography of the Economic History of the U.S.A., 1890–1929 (Seminar)
Mr Potter and Dr Erickson. Sessional.

282 Economic Growth Historically Considered (Seminar)
Professor Fisher, Mr Baines and Mr Falkus. Lent and Summer Terms.
Also for students offering this option for M.Sc.: Demography.

283 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)
Professor Fisher. Fortnightly, Michaelmas and Lent Terms.

284 Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar)
Professor John. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

285 American Population from Colonial Times to the Present (Seminar)
Mr Potter. Sessional.
For M.Sc.; M.A. (Area Studies) and other interested graduate students.

International History

288 Political History 1789–1941

Dr Anderson and Mr Robertson. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main field Maths.

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;* 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.

288(a) Classes

Sessional. In connection with Course 288.

289 World History since 1890

Mr Grün. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Part I. Optional for B.A. Hist. 1st yr.

Syllabus A general political survey of the twentieth century in a world-wide context with special emphasis on the changing role of Europe in an age of wars and revolutions.

Recommended reading D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century;* A. B. Ulam, *Expansion and Coexistence;* W. Knapp, *A History of War and Peace 1939–1965.*

Further reading will be given during the course.

289(a) Classes

Sessional. In connection with Course 289.

290 The History of European Ideas since 1700

Professor Hatton and Professor Joll. Twenty lectures and five seminars, Sessional.

For B.Sc. (Econ.) Part I.

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.*
Further reading will be given during the course.

290(a) Classes

Sessional. In connection with Course 290.

291 Political History

Dr Bourne, Mr Grün, Dr McKay and Dr Polonsky. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus The general political relationships of the powers since the sixteenth century; the effect of the Renaissance, the Reformation and the Expansion of Europe upon political life; the rise of the nation states; the absolute monarchies of the sixteenth and seventeenth centuries; the Enlightenment of the eighteenth century; the American Revolution and the break-up of the old colonial Empires; the French Revolution and its Napoleonic aftermath; the reconstruction of Europe, 1813–1822; the subsequent progress of liberal, revolutionary and nationalist movements; the growth of the great modern states; the new imperialism, with special reference to Africa and the Far East; the United States and Japan in world affairs; the first world war and its aftermath.

Recommended reading Among a large number of alternatives C. J. H. Hayes, *A Political and Cultural History of Europe* (2 vols.), is probably the most satisfactory general survey.

Recommended for advanced reading on particular periods is *A General History of Europe*, edited by Denys Hay and published by Longmans. The individual volumes are: Denys Hay, *Europe in the Fourteenth and Fifteenth Centuries;* H. G. Koenigsberger and G. L. Mosse, *Europe in the Sixteenth Century;* D. H. Pennington, *Seventeenth Century Europe;* M. S. Anderson, *Europe in the Eighteenth Century, 1713–1783;* F. L. Ford, *Europe, 1780–1830;* H. Hearder, *Europe in the Nineteenth Century, 1830–1880;* J. M. Roberts, *Europe, 1880–1945.* Very useful for some special topics are the chapters in the volumes of *The New Cambridge Modern History.*

Further reading will be given at the beginning of the lecture course and class teachers will advise on specialisation.

291(a) Classes

Fortnightly, Sessional. In connection with Course 291.

292 International History, 1494–1815

Dr Anderson and Dr McKay. Thirty lectures, Sessional

For B.Sc. (Econ.) Part II 2nd yr.; B.A. Hist. 1st and 2nd yrs.; M.A. and M.Sc.

Syllabus Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice.

Recommended reading D. B. Horn, *The British Diplomatic Service, 1689–1789;* D. P. Heatley, *Diplomacy and the Study of International Relations;* G. Mattingly, *Renaissance Diplomacy;* D. B. Horn, *Great Britain and Europe in the Eighteenth Century;* G. Zeller, *Les Temps Modernes,* Pts. i and ii (in the series *Histoire des Relations Internationales,* Ed. P. Renouvin); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française,* Vol. I, *Les Moeurs et les Traditions; New Cambridge Modern History,* relevant chaps. of Vols. I-IX; W. L. Langer (Ed.), *The Rise of Modern Europe,* relevant portions from the volumes covering this period; or from the relevant volumes in the series *Clio: Introduction aux Etudes Historiques.*
Further reading on particular aspects or periods will be given during the course.

292(a) Classes

Sessional. In connection with Course 292.

293 International History, 1815–1914

Professor Joll and Dr Bullen. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.A. Hist. 2nd yr.; B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Syllabus The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them.

Recommended reading H. Hearder, *Europe in the Nineteenth Century;* J. M. Roberts, *Europe 1880–1945;* R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna;* R. W. Seton-Watson, *Britain in Europe, 1789–1914;* J. Joll (Ed.), *Britain and Europe from Pitt to Churchill;* M. S. Anderson, *The Eastern Question;* F. H. Hinsley, *Power and the Pursuit of Peace;* A. J. P. Taylor, *The Struggle for Mastery in Europe;* H. Feis, *Europe, the World's Banker;* G. F. Hudson, *The Far East in World Politics;* L. Lafore, *The Long Fuse.* See also W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography;* and A. L. C. Bullock and A. J. P. Taylor, *Books on European History, 1815–1914.*

Further reading on particular aspects will be given during the course.

293(a) Classes

Sessional. In connection with Course 293.

294 International History since 1914

Mr Grün and Professor Watt. Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.A. Hist. 2nd yr.; B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Syllabus The political and diplomatic history of the period, with due attention to both European and non-European developments.

Recommended reading G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920–1939* (4th edn.); F. P. Walters, *A History of the League of Nations;* A. Wolfers, *Britain and France between Two Wars;* W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. G52); G. M. Carter, *The British Commonwealth and International Security;* H. I. Nelson, *Land and Power;* A. L. C. Bullock, *Hitler: A Study in Tyranny;* E. Wiskemann, *The Rome-Berlin Axis; Europe of the Dictators, 1919–1945;* M. Beloff, *The Foreign Policy of Soviet Russia, 1929–1941;* J. T. Pratt, *War and Politics in China;* H. Feis, *The Road to Pearl Harbor; Churchill, Roosevelt, Stalin: Between War and Peace; The Potsdam Conference;* Llewellyn Woodward, *British Foreign Policy in the Second World War;* C. A. Macartney and A. W. Palmer, *Independent Eastern Europe;* L. E. Kochan, *The Struggle for Germany, 1914–1945;* G. Hilger and A. Meyer, *The Incompatible Allies;* R. C. North, *Moscow and the Chinese Communists;* F. C. Jones, *Japan's New Order in Asia;* J. L. Snell, *Allied Wartime Diplomacy;* J. W. Spanier, *American Foreign Policy since World War II;* H. Seton-Watson, *Neither War Nor Peace.*

Further reading will be given during the course.

294(a) Classes
Sessional. In connection with Course 294.

295 The Mediterranean in International Politics, 1815–1914
Miss Lee. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr. and other interested students.

Syllabus A study of political, strategic and economic developments in the Mediterranean region as a factor in international relations, 1815–1914.

Recommended reading J. E. Swain, *Struggle for the Control of the Mediterranean Prior to 1848;* R. Robinson and J. Gallagher, "The Imperialism of Free Trade" (*The Economic History Review,* 2nd series, VI, 1953); F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston;* J. Marlowe, *Anglo-Egyptian Relations, 1800–1953;* H. L. Hoskins, *British Routes to India;* C. W. Hallberg, *The Suez Canal;* R. Robinson and J. Gallagher, *Africa and the Victorians* (chaps. 4 and 5 for the Egyptian Question, 1882); M. M. Safwat, *Tunis and the Great Powers, 1878–1881;* W. L. Langer, "The European Powers and the French Occupation of Tunis" (*The American Historical Review,* XXXI, 1925–26); L. Salvatorelli, *La Triplice Alleanza;* G. Salvemini, *La Politica estera dell' Italia, 1871–1914;* W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review,* V, 1926–27); C. J. Lowe, *Salisbury and the Mediterranean, 1886–1896;* J. A. S. Grenville, "Goluchowski, Salisbury and the Mediterranean Agreements" (*Slavonic Review,* 1958); J. D. Hargreaves, "Entente Manquée" (*Cambridge Historical Journal* 1953); E. Walters, "Lord Salisbury's Refusal to Revise and Renew the Mediterranean Agreements" (*Slavonic Review,* 1950, 1951); E. F. Cruickshank, *Morocco at the Parting of the Ways;* E. N. Anderson, *The First Moroccan Crisis, 1904–6;* N. Rich, *Friedrich von Holstein;* I. M. Barlow, *The Agadir Crisis;* A. J. Marder, *The Anatomy of British Sea Power, 1880–1905;* S. R. Williamson, *The Politics of Grand Strategy: Britain and France Prepare for War;* P. G. Halpern, *The Mediterranean Naval Situation, 1908–1914.*

295(a) Classes
Lent Term. In connection with Course 295.

296 British-American-Russian Relations, 1815–1914
Dr Anderson, Dr Bourne and Dr Nish. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr. 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;* 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, *Lord Aberdeen and the Americas;* E. D. Adams, *Great Britain and the American Civil War;* F. Merk, *The Oregon Question;* W. A. Williams, *American-Russian Relations, 1781–1947;* D. Perkins, *Hands Off: A History of the Monroe Doctrine;* K. Bourne, *Britain and the Balance of Power in North America, 1815–1908;* W. C. Costin, *Great Britain and China, 1833–1860;* H.-P. Chang, *Commissioner Lin and the Opium War;* J. K. Fairbank, *Trade and Diplomacy on the China Coast;* M. Banno, *China and the West, 1858–1861;* W. Habberton, *Anglo-Russian Relations Concerning Afghanistan, 1837–1907;* W. G. Beasley, *Great Britain and the Opening of Japan;* A. Malozemoff, *Russian Far Eastern Policy, 1881–1904;* G. A. Lensen, *The Russian Push Towards Japan: Russo-Japanese Relations, 1697–1875;* A. J. Marder, *British Naval Policy, 1880–1905;* F. H. Michael and G. E. Taylor, *The Far East in the Modern World;* W. L. Langer, *The Diplomacy of Imperialism;* A. W. Griswold, *The Far Eastern Policy of the United States;* E. H. Zabriskie, *American-Russian Rivalry in the Far East, 1895–1914;* L. M. Gelber, *The Rise of Anglo-American Friendship, 1898–1906;* A. E. Campbell, *Great Britain and the United States, 1895–1903;* C. S. Campbell, *Anglo-American Understanding, 1899–1903;* G. W. Monger, *The End of Isolation: British Foreign Policy, 1900–1907;* G. T. Alder, *British India's Northern Frontier, 1865–1895;* J. A. S. Grenville, *Lord Salisbury and Foreign Policy;* I. C. Y. Hsü, *The Ili Crisis;* I. H. Nish, *The Anglo-Japanese Alliance, 1894–1907;* J. A. White, *The Diplomacy of the Russo-Japanese War;* R. A. Esthus, *Theodore Roosevelt and Japan.*

297 The Baltic in International Politics since 1815
Professor Hatton. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr. and other interested students.

Syllabus The changes of 1814–1815 within the Northern balance; the Scandinavian Union movement 1830–1860; the Crimean War; the Sleswig-Holstein crisis 1860–1864; the nationalist era 1870–1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and World War II; Scandinavia and the post-war period.

Recommended reading The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, S. P. Oakley, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question;* R. M. Hatton, "Palmerston and Scandinavian Union" in K. Bourne and D. C. Watt (Eds.), *Studies in International History;* E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War;* W. F. Reddaway, *Problems of the Baltic;* S. S. Jones, *The Scandinavian States and the League of Nations;* H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918–1939;* F. D. Scott, *The United States and Scandinavia;* R. E. Lindgren, *Norway-Sweden, Union, Disunion and Scandinavian Integration;* F. Lindberg, *Scandinavia in Great Power Politics, 1905–1908;* N. Ørvik, *The Decline of Neutrality, 1914–1941;* O. A. Rustow, *The Politics of Compromise;* F. la Ruche, *La neutralité de la Suède;* H. Friis (Ed.), *Scandinavia between East and West.*

297(a) Classes
Lent Term. In connection with Course 297.

298 International Socialism and the Problem of War, 1870–1914
Professor Joll. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr. 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.*

298(a) Classes
Lent Term. In connection with Course 298.

299 The Great Powers and the Near and Middle East, 1898-1956
Professor Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr. and other interested students.

Syllabus An examination of the diplomacy of the great powers in relation to Turkey, Persia, Afghanistan, Syria, Iraq, Palestine, Israel, Saudi Arabia, The Gulf, the Red Sea, Egypt, the Sudan and the Nile Valley and the reactions of the powers of the area to great power diplomacy in the years 1897-1956.

Recommended reading E. Kedourie, *Great Britain and the Middle East;* H. L. Howard, *The Partition of the Turkish Empire;* F. Kazemzadeh, *The Struggle for the Caucasus;* C. H. Samra, *India and Anglo-Soviet Relations;* J. Marlowe, *Anglo-Egyptian Relations 1900–1953;* L. Stein, *The Balfour Declaration;* Lord Kinross, *Atatürk;* J. C. Hurewitz, *Diplomacy in the Near and Middle East;* X. J. Eudin and R. C. North, *Soviet Russia and the East, 1920–1927;* G. Lenczowski, *Russia and the West in Iran;* J. T. Shottwell and F. Deak, *Turkey at the Straits;* B. Schwadran, *The Middle East, Oil and the Great Powers;* L. Hirszowitz, *The Third Reich and the Arab East;* M. A. Fitzsimons, *Empire by Treaty;* C. W. Hostler, *Turkism and the Soviets;* Ann Williams, *Britain and France in the Middle East and North Africa;* E. Monroe, *Britain's Moment in the Middle East, 1914–1956;* Hugh Thomas, *The Suez Affair.*

299(a) Classes
Michaelmas Term. In connection with Course 299.

300 William III and Louis XIV, 1698–1702
Professor Hatton. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus A study in detail of the attempt, through co-operation by William III and Louis XIV, to solve the problem of the Spanish succession issue.
The course will be based on selected documents from the following authorities: P. Grimblot (Ed.), *Letters of William III, Louis XIV and of their Ministers 1697-1700*, I and II; P. Vaucher (Ed.), *Recueil des Instructions données aux Ambassadeurs et Ministres de France*, (XIV 2, *Angleterre*, Vol. 3, *1689-1791*); L. G. Wickham Legg, *British Diplomatic Instructions* (II, *France, 1689–1721);* F. G. Davenport (Ed.), *European Treaties bearing on the History of the United States and its Dependencies*, (III) *1689–1715;* A. Legrelle (Ed.), *La diplomatie française et la succession d'Espagne*, appendices.

301 The Great Powers and Egypt, 1882–1888
Miss Lee. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

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).

302 The Great Powers and the Balkans, 1908–1914
Dr Polonsky. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus The Macedonian Question in 1908 and the collapse of the Austro-Russian entente. The Bosnian crisis and its aftermath. The Great Powers and European Turkey, 1910–1912—Albania and Crete. The Great Powers, the Balkan League and the Balkan Wars. The intensification of the Great Power struggle for influence in Turkey and the Balkan states 1913–14. Sarajevo, the July crisis, and the outbreak of war.
The course will be based upon selected documents from the following authorities: G. P. Gooch and H. W. V. Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; B. von Siebert, *Entente Diplomacy and the World War.*

303 Great Britain and the Paris Peace Conference of 1919
Mr Grün. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

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 Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

304 The Manchurian Crisis, 1931–1933
Dr Nish. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

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.

305 The League of Nations in Decline 1933-1937
Mr Robertson. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ) Part II 3rd yr. and other interested students.

Syllabus A study of the relative strength and weakness of the League after the exit of Japan in March 1933. Hitler's attitude to the League and the reasons for Germany's withdrawal in October 1933. Italian proposals for reform 1933–1934. The conflict between Italy and the League over Ethiopia. Failure of the League to take action against Japan as a result of the "China incident". Italy's withdrawal from the League at the end of 1937 and her 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; *Documents on German Foreign Policy* Series C, Vols. I, II, III, IV and Series D, Vol. I; Ciano's Papers and Diary, 1937–1939.

FOR GRADUATE STUDENTS

312 International History in the Eighteenth Century (Seminar)
Professor Hatton. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Hatton.

313 International History, 1660-1789 (Introductory Course)
Dr McKay. Michaelmas Term.
For beginners in research on the sources and methods of research in modern diplomatic history.

314 International History, 1815–1939 (Introductory Course)
Dr Anderson. Weekly, Michaelmas Term. At the Institute of Historical Research.
For beginners in research on the sources and methods of research in modern diplomatic history.

315 International History, 1814–1919 (Seminar)
Professor Joll and Dr Bourne. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll or Dr Bourne.

316 International History since 1919 (Seminar)
Professor Joll, Professor Watt, Mr Grün and Mr Robertson. Fortnightly, Sessional. Admission by permission of Professor Joll or Professor Watt.

317 Scandinavian History, 1815 to the Present Day (Seminar)
Professor Hatton. Fortnightly, Sessional. Admission by permission of Professor Hatton.

318 Diplomatic Theory and Practice, 1500–1815
Professor Hatton. Sessional.
For M.A. and M.Sc. only.

319 Diplomatic Theory and Practice, 1815–1919
Dr Anderson. Sessional.
For M.A. and M.Sc. only.

320 Diplomatic Theory and Practice 1919–1946
Professor Watt. Sessional.
For M.A. and M.Sc. only.

321 Aspects of Military Policy in the Nineteenth and Twentieth Centuries (Seminar)
Professor Martin, Mr Bond and Professor Watt. Sessional. At the Institute of Historical Research.

Further classes and seminars for M.A. and M.Sc. students will be arranged as required.

General and Special Courses for B.A. Honours in History

325 English History before 1530
Mr Gillingham. Forty lectures in two sessions.
For B.A. Hist. 1st and 2nd yrs.
Recommended reading will be given during the course.

326 Mediaeval English History (Classes)
Mr Gillingham. Sessional.
For B.A. Hist.

327 English History, 1530–1760
Mrs. Carter. Thirty lectures, Michaelmas and Lent Terms.
For B.A. Hist. 1st yr.; B.Sc. c.u. main field Geog.
Recommended reading will be given during the course.

328 English History from 1530 to 1760 (Classes)
Mrs Carter. Classes and tutorials, Sessional.
For B.A. Hist.; B.Sc. c.u. main field Geog.

329 Later Modern British History
Dr Brown. Twenty lectures, Michaelmas and Lent Terms.
For B.A. Hist. 2nd yr.; B.Sc. c.u. main field Geog.
Recommended reading will be given during the course.

330 English History, 1760 to the Present Day (Classes)
Dr Brown. Classes and tutorials, Sessional.
For B.A. Hist.; B.Sc. c.u. main field Geog.

331 European History, 1200–1500
This course will not be given in 1972-73. It will be given in 1973-74.

332 Mediaeval European History (Classes)
Mr Gillingham. Sessional.
For B.A. Hist.

333 European History since 1800 (Classes)
This course will not be given in 1972-73. It will be given in 1973-74.

334 European History 1500–1800 (Classes)
Dr Anderson, Professor Hatton and Dr McKay. Sessional.
For B.A. Hist.

335 The History of Ancient and Mediaeval Political Thought
Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.
For B.A. Hist. 1st yr.
Recommended reading will be given during the course.

336 The History of Political Thought (Class)
Michaelmas and Lent Terms.
For B.A. Hist. 1st yr. fortnightly, 3rd yr. weekly.

337 English Constitutional History from c. 1530 to 1914 (Class)
Dr Brown. Fortnightly, Sessional.
For B.A. Hist. 2nd and 3rd yrs.
English Constitutional History from the middle of the eighteenth century. The other part of the course will be given by Mrs Carter in the session 1973–74.

338 English Economic History (Classes)
Dr Bridbury and others.
Sessional.
For B.A. Hist.

339 Diplomatic History, 1814–1945 (Classes)
Dr Bullen.
For B.A. Hist.

340 The History of Germany, c. 1860-1945 (Classes)
Professor Joll, Michaelmas Term, at L.S.E.

341 The Economy of England: 1350–1500 (Intercollegiate Classes)
Miss O.P. Coleman and Dr Bridbury, Michaelmas and Lent Terms, at L.S.E. Mr Hodgett, Summer Term, at King's College.
For B.A. Hist.

342 The Near Eastern Question, 1875–1881 (Intercollegiate Seminar)
Dr Bourne and Mr Parry. Michaelmas and Lent Terms for 1973 finalists, Summer Term for 1974 finalists.
For B.A. Hist.

Note Intercollegiate lecture courses covering the field of Mediaeval European History from 400–1500; Modern European History from 1500 to the Present Day and World History from the End of the Nineteenth Century are given at the Senate House on Monday mornings throughout the session.

Reference should also be made to the following courses:

No. 262: **Introduction to Modern English Economic History**

No. 292: **International History, 1494–1815**

No. 293: **International History, 1815–1914**

No. 294: **International History since 1914**

No. 511: **Three Key Mediaeval Political Thinkers**

No. 512: **Political Thought from Hobbes to Burke**

Industrial Relations

Industrial Relations

345 (i) Industrial Relations

Professor Roberts and others. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus An analysis of the ideology, organization and behaviour of the parties in the British system of industrial relations: management, trade unions and the State; the evolution of collective bargaining and workplace industrial relations. An examination of the contribution of economics, sociology, history and law in identifying and understanding contemporary industrial relations problems and issues. Analysis of current research and the problems of developing an integrated multidisciplinary approach.

Recommended reading S. and B. Webb, *A History of Trade Unionism;* S. and B. Webb, *Industrial Democracy;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* J. Lovell and B. C. Roberts, *A Short History of the T.U.C.;* J. Dunlop, *Industrial Relations Systems;* H. A. Clegg, *The System of Industrial Relations in Great Britain;* Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1–11; The Industrial Relations Act, 1971; B. C. Roberts, *Trade Union Government and Administration in Great Britain;* H. A. Turner, *Trade Union Growth, Structure and Policy;* A. Flanders, *Management and Unions;* B. C. Roberts (Ed.), *Industrial Relations, Contemporary Problems and Perspectives;* G. S. Bain, *The Growth of White Collar Unionism;* A. Flanders (Ed.), *Collective Bargaining;* R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations;* V. L. Allen, *Power in Trade Unions;* V. L. Allen, *Militant Trade Unionism;* K. W. Wedderburn, *The Worker and the Law (2nd edn.);* K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain;* B. Aaron (Ed.), *Dispute Settlement Procedures in Five Western European Countries;* A. Fox, *A Sociology of Work in Industry;* T. Burns (Ed), *Industrial Man;* J. Goldthorpe *et al.*, *The Affluent Worker: Industrial Attitudes and Behaviour;* J. Goldthorpe *et al.*, *The Affluent Worker in the Class Structure;* L. C. Hunter and D. J. Robertson, *Economics of Labour and Wages;* D. J. Robertson and L. C. Hunter, *Labour Market Issues of the 1970s;* B. J. McCormick and E. Owen-Smith, *The Labour Market;* R. Hyman, *The Workers' Union;* W. E. J. McCarthy (Ed.), *Trade Unions;* Institute of Economic Affairs, *Inflation and the Unions;* Annual Reports of the Trades Union Congress; *The British Journal of Industrial Relations.*

345 (ii) Industrial Relations

Professor Roberts and others. Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course; Dip. Personnel Management; B.A./B.Sc. (Soc.) Branches I and III 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

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 S. and B. Webb, *A History of Trade Unionism;* S. and B. Webb, *Industrial Democracy;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* H. A. Clegg, *The System of Industrial Relations in Great Britain;* B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives;* H. A. Turner, *Trade Union Growth, Structure and Policy;* A. Flanders, *Industrial Relations: What is Wrong with the System?; Trade Unions;* United Kingdom Ministry of Labour, *Industrial Relations Handbook;* G. D. H. Cole,

A Short History of the British Working-Class Movement, 1789–1947; B. C. Roberts, *Trade Union Government and Administration in Great Britain;* J. Lovell and B. C. Roberts, *A Short History of the T.U.C.;* Report of the Royal Commission on Trade Unions and Employers' Associations 1965–1968 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1–11; *In Place of Strife —A Policy for Industrial Relations* (Cmnd. 3888, 1969); W. E. J. McCarthy, *The Closed Shop in Britain;* V. L. Allen, *Trade Unions and the Government;* A Flanders (Ed.), *Collective Bargaining;* A. Marsh, *Workplace Industrial Relations in Engineering;* W. Paynter, *British Trade Unions and the Problem of Change;* W. E. J. McCarthy (Ed.), *Trade Unions;* The Industrial Relations Act, 1971; D. Pym (Ed.), *Industrial Society;* K. W. Wedderburn, *The Worker and the Law.*

345(a) Industrial Relations (Class)

Professor Roberts and others. Sessional.

For M.Sc.

345(b) Industrial Relations (Class)

Sessional.

For the Trade Union Studies course.

346 Trade Unions in Britain: a Political History

Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; graduate students.

Syllabus The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

Recommended reading B. C. Roberts, *The Trades Union Congress, 1868–1921;* J. Lovell and B. C. Roberts, *A Short History of the T.U.C.;* W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism;* H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, *1889–1910*); R. Postgate, *The Builders' History;* G. D. H. Cole, *A Short History of the British Working-Class Movement, 1789–1947; History of the Labour Party;* H. M. Pelling, *The Origins of the Labour Party, 1880–1900;* W. H. Crook, *The General Strike;* R. C. K. Ensor, *England, 1870–1914;* E. Halévy, *A History of the English People—Epilogue*, Vol. I, *1895–1905*, Vol. II, *1905–1915*; J. B. Jefferys, *The Story of the Engineers; Annual Reports* of the Trades Union Congress; F. Bealey and H. M. Pelling, *Labour and Politics, 1900–1906*; Martin Harrison, *Trade Unions and the Labour Party since 1945;* V. L. Allen, *Trade Unions and the Government;* E. P. Thompson, *The Making of the English Working Class;* R. Harrison, *Before the Socialists: Studies in Labour and Politics, 1861–1881;* A. J. P. Taylor, *English History, 1914–1945.*

347 Theories in Industrial Relations

Mr Winchester. Ten lectures, Lent Term.

For graduate students.

Syllabus The course will cover the theories of the Webbs, Hoxie, Perlman, Tannenbaum, Dunlop, Kerr, Lester, Flanders and others.

Recommended reading J. T. Dunlop, *Industrial Relations Systems;* S. and B. Webb, *Industrial Democracy;* R. F. Hoxie, *Trade Unionism in the United States;* S. Perlman, *Theory of the Labor Movement;* F. Tannenbaum, *A Philosophy of Labor;* C. Kerr *et al.*, *Industrialism and Industrial Man;* R A. Lester, *As Unions Mature;* A. Flanders, *Industrial Relations: What is Wrong with the System?;* A. Flanders, "Collective Bargaining: A Theoretical Analysis" (*British Journal of Industrial Relations*, Vol. VI, No. 1, March 1968); H. Behrend, "The Field of Industrial Relations" (*British Journal of Industrial Relations*, Vol. I, No. 3, October 1963); R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations.*

347(a) Theories in Industrial Relations (Class)

Ten classes, Lent Term.

For graduate students.

348 Comparative Industrial Relations

Professor Roberts. Ten lectures, Lent Term.

For graduate students; suitable for the Trade Union Studies course and Dip. Personnel Management.

Syllabus Some aspects of the development of industrial relations in the U.S.S.R., U.S.A. and Europe. The development of trade union organization, functions and methods of collective bargaining. The role of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

Recommended reading I. Deutscher, *Soviet Trade Unions;* G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry;* F. R. Dulles, *Labor in America;* H. W. Davey, *Contemporary Collective Bargaining;* D. H. Wollett and B. Aaron, *Labor Relations and the Law;* A. E. C. Hare, *Report on Industrial Relations in New Zealand;* W. Galenson (Ed.), *Comparative Labor Movements;* International Labour Office, 1950, *Labour-Management Cooperation in France;* H. J. Spiro, *The Politics of German Co-determination;* K. F. Walker, *Industrial Relations in Australia;* 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 Incomes Policy, Nov. 1964, Vol. II, No. 3; Special Issue on Japan, July 1965, Vol. III, No. 2); F. Harbison and C. Myers, *Management in the Industrial World;* A. F. Sturmthal, *Workers' Councils;* A. A. Sloane and F. Witney, *Labor Relations;* S. Slichter *et al.*, *The Impact of Collective Bargaining on Management;* J. P. Windmuller, *Labor Relations in the Netherlands;* H. H. *Wellington, Labor and the Legal Process.*

349 Labour Problems

Professor Roberts, Mr Thurley and members of the department. Sessional.

An interdisciplinary seminar on the problems of industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

350 Industrial Sociology

Mr Thurley and Mr S. R. Hill. Twenty-five lectures, Sessional.

For graduate students with previous sociological training.

Syllabus Basic concepts used in the theory of work behaviour. Formal and informal work organization. Role, status and "political" systems. Authority systems and managerial ideologies. Theory of the primary work group. Control of output by workers and financial incentive schemes. Leadership and theories of supervision. Classical and "human relations" theories of management behaviour. Theory of bureaucracy and models of organizational conflict. Relationship between technology, role systems and work behaviour. Social and cultural factors affecting industrialisation, innovation and the speed of technical change. Sociology of the labour market and of the occupational system.

Recommended reading J. C. Abegglen, *The Japanese Factory;* C. M. Arensberg *et al.*, *Research in Industrial Human Relations;* R. Bendix, *Work and Authority in Industry;* P. Blau, *Dynamics of Bureaucracy;* E. F. L. Brech, *Organisation: The Framework of Management;* Wilfred Brown, *Exploration in Management;* T. Burns, *Sociology of Industry;* T. Burns and G. M. Stalker, *The Management of Innovation;* M. Crozier, *The Bureaucratic Phenomena;* R. Dubin, *The World of Work: Industrial Society and Human Relations;* Etzioni, *Complex Organizations;* European Productivity Agency, *Report* of Rome Conference on Human Relations, 1956; A. Fox, *A Sociology of Work in Industry;* G. Friedman, *The Anatomy of Work;* A. Gouldner, *Patterns of Industrial Bureaucracy;* E.

Jaques, *The Changing Culture of a Factory;* C. Kerr *et al.*, *Industrialisation and Industrial Man;* R. L. Kahn *et al.*, *Organisational Stress;* James W. Kuhn, *Bargaining in Grievance Settlement;* S. B. Levine, *Industrial Relations in Post-War Japan;* R. Likert, *New Patterns of Management;* S. M. Lipset and R. Bendix, *Social Mobility in Industrial Society;* T Lupton, *On the Shop Floor;* D. McGregor, *The Human Side of the Enterprise;* J. G. March, *Handbook of Organisation;* S. Pollard, *The Genesis of Modern Management;* L. R. Sayles, *Behaviour of Industrial Work Groups;* W. H. Scott *et al.*, *Technical Change and Industrial Relations;* H. A. Simon, *Administrative Behaviour;* J. H. Smith, *The University Teaching of Social Sciences: Industrial Sociology;* E. L. Trist, G. W. Higgin, H. Murray and A. B. Pollock, *Organisational Choice;* K. E. Thurley and A. C. Hamblin, *The Supervisor and his Job;* C. R. Walker, R. H. Guest and A. N. Turner, *The Foreman on the Assembly Line;* J. Woodward, *Industrial Organisation;* J. H. Goldthorpe and D. Lockwood, *The Affluent Worker: Industrial Attitudes and Behaviour;* D. Silverman, *The Theory of Organisations.*

350(a) Industrial Sociology
Weekly seminar groups in connection with Course 350.

351 Introduction to Industrial Sociology
Mr S. R. Hill. Ten lectures, fortnightly, Michaelmas and Lent Terms.

For Dip. Personnel Management; Trade Union Studies course; graduate students in Industrial Relations, Management Studies and Operational Research.

Syllabus An introduction to the sociology of work behaviour. Administrative and industrial relations problems discussed with this perspective.

Recommended reading S. R. Parker, R. K. Brown, J. Child and M. A. Smith, *The Sociology of Industry;* R. Dubin, *The World of Work;* E. V. Schneider, *Industrial Sociology;* T. Caplow, *The Sociology of Work;* A. Fox, *A Sociology of Work in Industry.*

351(a) Organization Theory (Seminar)
Mr Thurley, Mr S. R. Hill and others. Six meetings, Summer Term.

For Dip. Personnel Management; graduate students in Management Studies and in Operational Research.

351(b) Sociology of Industrial Relations (Class)
Mr Thurley. Sessional.

For Trade Union Studies students.

351(c) Sociology of Industrial Relations (Class)
Mr Thurley and Mr S. R. Hill. Fortnightly, Michaelmas and Lent Terms.

For Dip. Personnel Management.

352 Trade Union Problems (Seminar)
Mr Gennard, Mr Winchester and guest speakers. Lent and Summer Terms.

Admission is strictly limited to the Trade Union Studies course.

353 Industrial Relations (Case Study Seminars)
Mr R. M. Lewis and Mr Winchester. Lent and Summer Terms.

For graduate students and Trade Union Studies course.

354 Labour Statistics
Mr Gennard. Ten lectures, Michaelmas and Lent Terms.

For Dip. Personnel Management; Trade Union Studies course; M.Sc.

Syllabus Statistics of employment, unemployment, wages, salaries, earnings,

hours of work, production, prices, strikes, absenteeism, trade union membership, employers' associations, and collective bargaining. Occupational and industrial structure.

356 Economics for Students of Industrial Relations
Mr Gennard. Twenty-five lectures, Sessional.

For Trade Union Studies and graduate students with no previous training in Economics.

Syllabus The nature and scope of economics; the laws of demand; the theory of the firm, perfect competition, monopoly, monopolistic and oligopolostic types of competition. The theory of factor pricing; marginal productivity theory; the supply of labour; extensions of the marginal productivity theory; relative wages and labour mobility. Trade unions and economic theory; sources of union power; trade union wage policy; trade union growth theory; collective bargaining (the Webb-Flanders controversy); the economics of strikes, costs and benefits of strikes. Keynesian theory of employment and contemporary problems of employment, wages and full employment; demand pull approach and cost push approach to inflation; policy measures to combat inflation and an assessment of the effectiveness of these measures. The influence of product and labour markets on industrial relations systems with reference to the construction, printing and professional football industries.

Recommended reading R. G. Lipsey, *An Introduction to Positive Economics;* P. A. Samuelson, *Economics, An Introduction;* W. E. J. McCarthy (Ed.), *Trade Unions;* L. C. Hunter and D. J. Robertson, *Economics of Wages and Labour;* B. J. McCormick, *Wages;* B. J. McCormick and E. Owen-Smith, *The Labour Market;* A. R. Rees, *The Economics of Trade Unions;* S. and B. Webb, *Industrial Democracy;* Institute of Economic Affairs, *Inflations and the Unions;* R. E. Caves, *Britain's Economic Propects.*

356(a) Economics for Students of Industrial Relations (Class)
Mr Gennard. Twenty-five classes, Sessional.

For Trade Union Studies course.

357 Labour Law
Professor Wedderburn and Mr R. M. Lewis. Sessional.

For M.Sc.

Syllabus (*a*) *General themes:* the role of the law in industrial relations. The impact of legal rules, sanctions and institutions on collective bargaining and industrial conflict. Current legal policy issues in industrial relations, the Industrial Relations Act, 1971. (*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. (*c*) *The law of industrial conflict:* legal liabilities for direct industrial action. 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. The Commission on Industrial Relations, the Industrial Tribunals, the National Industrial Relations Court and other bodies. National emergency procedures. (*d*) *Trade union law:* the legal framework for trade union government, democracy and inter-union relations. Legislative policies and trade union administration; the drafting of rule books and the conduct by unions of collective bargaining, industrial conflict and internal politics.

Recommended reading K. W. Wedderburn, *The Worker and the Law* (2nd edn.); *Cases and Materials on Labour Law;* K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain;* B. Aaron (Ed.), *Dispute Settlement Procedures in Five Western*

European Countries; G. Clark, *Remedies for Unjust Dismissal;* Conservative Party, *Fair Deal at Work;* C. Grunfeld, *Modern Trade Union Law;* R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism;* B. Hepple, *Race, Jobs and the Law in Britain; In Place of Strife* (Cmnd. 3888, 1969); C. Jenkins and J. Mortimer, *The Kind of Laws the Unions Ought to Want;* C. W. Guillebaud, *The Role of the Arbitrator in Industrial Wage Disputes;* O. Kahn-Freund (Ed.), *Labour Relations and the Law;* O. Kahn-Freund, *Labour Law: Old Traditions and New Developments; Labour and the Law;* W. E. J. McCarthy, *The Closed Shop in Britain;* F. Meyers, *Ownership of Jobs: A Comparative Study; Report of the Royal Commission on Trade Unions and Employers' Associations 1965–1968* (Cmnd. 3623); Royal Commission Research Papers No. 2, Part 1, *Disputes Procedures in British Industry;* Part 2, *Disputes 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.*

357(a) Labour Law (Class)
Mr R. M. Lewis. Sessional.
For Trade Union Studies course.

358 Industrial Relations and Labour Law (Class)
Mr R. M. Lewis and Mr Winchester. Michaelmas and Lent Terms.
For Dip. Personnel Management.

359 Manpower Studies (Seminar)
Mr Gennard. Fortnightly, Sessional.
For M.Sc.

Syllabus Industrial, occupational and regional distribution of the manpower stock; employment trends and manpower reserves; forecasting of manpower requirements, participation rates, labour mobility, economics of training; income as a means of equating manpower supply and demand, manpower utilisation. Information in the labour market, government manpower programmes, manpower planning and national economic objectives; manpower planning at the firm; the brain drain.

Recommended reading G. G. C. Routh, *Occupations and Pay in Great Britain. 1906–1960;* Manpower Research Unit, *Manpower Studies 1–9* (H.M.S.O.); *Manpower Policy in the U.K.* (O.E.C.D.); B. C. Roberts and J. H. Smith (Eds.), *Manpower Policy and Employment Trends;* M. Blaug (Ed.), *Economics of Education Vols. 1* and *2;* M. Blaug, *Economics of Education;* G. S. Becker, *Human Capital;* Manpower Paper No. 1, *Company Manpower Planning;* G. Stainer, *Manpower Planning;* D. M. Lamberton (Ed.), *Economics of Information and Knowledge;* Department of Employment, *Training for the Future;* Manpower Symposium in *British Journal of Industrial Relations,* July 1972.
Students taking this course are also referred to Courses 100 Economics of Education and Human Capital; 101 Workshop in the Economics of Education.

Students are also referred to the following courses:

No. 72 **Labour Economics**
No. 447 **Elements of Labour Law**
No. 781 **Industrial Psychology**

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.

Language Studies

Page

409 Linguistics (General)
410 French
411 Spanish
412 German
413 Russian
414 English

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.

Language Studies

(English, French, German, Russian, Spanish, General Linguistics and Phonetics)

All new students wishing to study a language must register with the Secretary of the department in the first week of the session. Students who, having already taken a language at Part I of the B.Sc. (Econ.), wish to continue with it at Part II, should consult their supervisor in the language concerned.

GENERAL

365 Introduction to General Linguistics

Miss Aitchison. Twenty-five lectures, Sessional.

Whole Course: for all B.A. degrees in Language Studies 1st yr.; B.Sc. c.u. main fields Soc., Soc. Psych.; Dip. Soc. Anth. First fifteen lectures: for B.Sc. c.u. main field Soc. Anth. 3rd yr.

Syllabus Scope of general linguistics, and characteristics of language. Principles of descriptive linguistics. Transformational-generative grammar. Meaning in linguistics.

Recommended reading F. Palmer, *Grammar;* J. Lyons, *Introduction to Theoretical Linguistics;* M. Lester, *Introductory Transformational Grammar of English;* B. Liles, *An Introductory Transformational Grammar.*

365(a) Introduction to General Linguistics (Class)

Miss Aitchison. Fortnightly, Sessional.

For all B.A. degrees in Language Studies 1st yr.

365(b) Introduction to General Linguistics (Class)

Fortnightly, Sessional.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

365(c) Introduction to General Linguistics (Class)

Fortnightly, Sessional.

For B.Sc. c.u. main fields Soc., Soc. Psych.

366 Introduction to General Phonetics

Sessional.

For all B.A. degrees in Language Studies 1st yr.

Syllabus Elementary articulatory and acoustic phonetics.

Recommended reading D. A. Abercrombie, *Elements of General Phonetics;* A.C. Gimson, *An Introduction to the Pronunciation of English.*

366(a) Introduction to General Phonetics (Class)

Fortnightly, Sessional.

For all B.A. degrees in Language Studies 1st yr.

366(b) Phonetics (Class)

Sessional.

For B.A. incl. Ling. 2nd yr.

367 Grammatical Theory

Sessional.

For B.A. incl. Ling. 2nd yr.

Syllabus and **recommended reading** to be announced.

367(a) Grammatical Theory (Class)

Sessional.

For B.A. incl. Ling. 2nd yr.

368 Linguistic Theory
Mr Durkin. Sessional.
For B.A. incl. Ling. 4th yr.

368(a) Linguistic Theory (Class)
Sessional.
For B.A. incl. Ling. 4th yr.

369 Historical Linguistics
Miss Aitchison. Twenty Lectures, Michaelmas and Lent Terms.
For B.A. incl. Ling. 2nd and 4th yrs.
Syllabus and **recommended reading** to be announced.

370 Sociolinguistics
Twenty lectures, Michaelmas and Lent Terms.
For B.A. incl. Ling. 2nd and 4th yrs.

371 Phonology
Mr Durkin and others. Twenty lectures, Michaelmas and Lent Terms.
For B.A. incl. Ling. 2nd yr.

371(a) Phonetics and Phonology (Class)
Sessional.
For B.A. incl. Ling. 4th yr.

FRENCH

372(i) The History of the French Language, I
Dr George. Twenty-five lectures, Sessional.
For B.A. incl. French 1st yr.
Recommended reading A. Ewert, *The French Language*; J. Chaurand, *Histoire de la langue française* (*Que sais-je?*, 167); J. Fox and R. Wood, *A Concise History of the French Language.*

372(ii) The History of the French Language, II
Dr George. Sessional.
For B.A. incl. French 2nd yr.

372(iii) History of the French Language (Revision Class)
Dr George. Fortnightly, Sessional.
For B.A. incl. French 4th yr.

373 An Outline of Nineteenth and Twentieth Century French Literature
Dr George. Sessional.
For B.A. incl. French 1st yr.

374 Selected Topics from Twentieth Century French Literature
Sessional.
For B.A. incl. French 2nd yr.
Recommended reading A. Lagarde *et al.*, *XXe Siècle.*

374(a) Twentieth Century French Literature (Class)
Sessional.
For B.A. incl. French 2nd yr.

375 Nineteenth and Twentieth Century French Literature (Seminar)
Dr Tint and Dr George. Michaelmas and Lent Terms.
For B.A. incl. French 4th yr.

375(a) Nineteenth and Twentieth Century French Literature (Revision Class)
Dr George and Miss Charre.
For B.A. incl. French 4th yr.

376(i) French Essay and Translation (Classes)
Miss Charre. Sessional.
For B.A. incl. French 1st yr.

376(ii) Oral French (Classes)
Sessional.
For B.A. incl. French 1st yr.

377(i) French Essay and Translation (Classes)
Sessional.
For B.A. incl. French 2nd yr.

377(ii) French Essay and Translation (Classes)
Miss Charre. Sessional.
For B.A. incl. French 4th yr.

378 (i) Oral French (Classes)
Sessional.
For B.A. incl. French 2nd yr.

378(ii) Oral French (Classes)
Sessional.
For B.A. incl. French 4th yr.

379 History of France since 1870
Dr Tint. Michaelmas and Lent Terms.
For B.A. incl. French 1st and 2nd yrs.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.

380 French Contemporary Texts, Translation and Discussion (Class)
Miss Charre. Sessional.
For B.Sc. (Econ.) Part I.

381(i) French Essay and Translation (Classes)
Dr Tint. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

381(ii) French Essay and Translation (Classes)
Dr Tint. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

382(i) French Political and Social Texts from 1815 (Class)
Dr Tint. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

382(ii) French Political and Social Texts from 1815 (Class)
Dr Tint. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

383 French Special Subjects
Sessional.
For B.A. incl. French 2nd and 4th yrs.

384 Beginners' French
Beginners' French language classes will be arranged for undergraduates, graduates and staff on an extracurricular basis, but requiring regular attendance. Early registration with the Secretary of the department is essential.

SPANISH

385(i) The History of the Spanish Language, I
Mr Gooch. Sessional. This course will not be given in 1972–73.
For B.A. incl. Spanish 1st and 2nd yrs.
Recommended preliminary reading W. J. Entwistle, *The Spanish Language;* R. K. Spaulding, *How Spanish Grew;* R. Lapesa, *Historia de la lengua española.*

385(ii) The History of the Spanish Language, II
Mr Gooch. Sessional.
For B.A. incl. Spanish 1st and 2nd yrs.

386 Spanish Translation I (Class)
Mr Gooch. Sessional.
For B.A. incl. Spanish 1st yr.; B.Sc. (Econ.) Part I.

387 Spanish Contemporary Texts and Discussion (Class)
Mr Gooch. Sessional.
For B.A. incl. Spanish 1st yr.; B.Sc. (Econ.) Part I.

Recommended preliminary reading
G. Torrente Ballester, *Panorama de la literatura española contemporánea;* W. C. Atkinson, *A History of Spain and Portugal;* F. Eguiagaray, *Historia contemporánea de España.*

388(i) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.
For B.A. incl. Spanish 2nd yr.

388(ii) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.
For B.A. incl. Spanish 4th yr.

389(i) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

389(ii) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

390 Selected Nineteenth and Twentieth Century Spanish Authors
Mr Gooch. Sessional.
For B.A. incl. Spanish 1st yr.; B.Sc. (Econ.) Part II 2nd yr.

Recommended preliminary reading G. Brenan, *The Literature of the Spanish People;* J. García López, *Historia de la literatura española;* E. de Nora, *Novela española contemporánea.*

Students who wish to study Spanish outside the framework of courses for examination should consult Mr Gooch as early as possible in the session.

GERMAN

391(i) The History of the German Language, I
Mr Durkin. Sessional.
For B.A. incl. Ger. 1st yr.

391(ii) The History of the German Language, II
Mr Durkin. Sessional.
For B.A. incl. Ger. 2nd yr.

391 (iii) German Linguistics (Class)
Mr Durkin. Michaelmas Term.
For B.A. incl. Ger. 4th yr.

392 German Translation I (Class)
Mrs Hay. Sessional.
For B.A. incl. Ger. 1st yr.; B.Sc. (Econ.) Part I.

393 German Contemporary Texts and Discussion (Classes)
Mrs Hay and Mrs Zutshi. Sessional.
(i) For B.A. incl. Ger. 1st yr.; B.Sc. (Econ.) Part I.
(ii) For B.A. incl. Ger. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.
(iii) For B.Sc. (Econ.) Part II 3rd yr.

394(i) German Essay and Translation (Classes)
Mrs Zutshi. Sessional.
For B.A. incl. Ger. 2nd yr.

394(ii) German Translation (Classes)
Mrs Hay. Sessional.
For B.A. incl. Ger. 4th yr.

394(iii) German Essay and Discussion (Classes)
Mrs Hay. Sessional.
For B.A. incl. Ger. 4th yr.

395(i) German Essay and Translation (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

395(ii) German Essay and Translation (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

396 Selected Nineteenth and Twentieth Century German Authors
Mrs Hay. Sessional.
For B.A. incl. Ger. 1st and 2nd yrs.

396(a) Selected Nineteenth and Twentieth Century German Authors Revision Class
Mrs Hay and Mrs Zutshi. Sessional.
For B.A. incl. Ger. 4th yr.

397(i) Nineteenth Century German Literature
Mrs Hay. Sessional.
For B.A. incl. Ger. 2nd yr.

397(ii) Twentieth Century German Literature
Mrs Zutshi. Sessional.
For B.A. incl. Ger. 2nd yr.

RUSSIAN

398(i) History of the Russian Language (Class)
Dr Johnson. Sessional. This course will not be given in 1972–73.
For B.A. incl. Russian 2nd yr.

398(ii) History of the Russian Language (Class)
Dr Johnson. Sessional.
For B.A. incl. Russian 4th yr.

399(i) The Nineteenth Century Russian Novel I (Class)
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 1st yr.

399(ii) The Nineteenth Century Russian Novel II (Class)
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 2nd yr.

399(iii) The Twentieth Century Russian Novel (Class)
Dr Johnson. Sessional.
For B.A. incl. Russian 1st yr.

399(iv) Selected Nineteenth Century Russian Authors (Revision Class)
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 4th yr.

400 Nineteenth and Twentieth Century Russian Poetry (Class)
Dr Johnson. Sessional. This course will not be given in 1972-73
For B.A. incl. Russian 2nd yr.

401(i) Translation and Oral Practice (Class)
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 1st yr.; B.Sc. (Econ.) Part I.

401(ii) Translation and Oral Practice (Class)
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

402(i) Russian Composition (Class)
Dr Johnson. Sessional.
For B.A. incl. Russian 1st yr.; B.Sc. (Econ.) Part I.

402(ii) Russian Composition (Class)
Dr Johnson. Sessional.
For B.A. incl. Russian 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

402(iii) Russian Composition (Class)
Dr Johnson. Sessional.
For B.A. incl. Russian 4th yr.

403 Russian Special Subjects
Mrs Gottlieb. Sessional.
For B.A. incl. Russian 4th yr.

Students (including beginners) who wish to study Russian at any level outside the framework of courses for examination, should consult the Secretary of the department as early as possible in the session.

ENGLISH

404 English as a Foreign Language
Mr Chapman. Twenty-four lectures, Sessional.
For students whose native language is not English.

Syllabus The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The verb; questions and negative statements; use of the tenses; auxiliaries; subject and object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.

Recommended reading V. H. Collins, *A Book of English Idioms, with Explanations;* O. Jespersen, *Essentials of English Grammar;* C. L. Wrenn, *The English Language;* S. Potter, *Our Language;* H. W. Fowler, *Modern English Usage; The Concise Oxford Dictionary;* G. H. Vallins, *The Pattern of English;* C. Barber *Linguistic Change in Present-Day English.*

404(a) English as a Foreign Language (Class)
Mr Chapman and others. In connection with Course 404.
Admission will be by permission of Mr Chapman who will allocate students to suitable groups.

405 English Speech
Mr Chapman. Five lectures, Michaelmas Term.
For students whose native language is not English, though this course may be of value to other students.

Syllabus Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading J. R. Firth, *Speech;* D. Jones, *An English Pronouncing Dictionary;* 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.*

406 Written English
Mr Chapman. Eight lectures, Lent Term.
Open to all students. Recommended for candidates for Civil Service and similar public examinations.

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.*

Law

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

416 Public Law I: Elements of Government

Professor Griffith, Mr Thornberry and others. Twenty-four lectures, Sessional.

For LL.B. Intermediate; B.Sc. S.S. and A. Optional for Dip. Soc. Admn. (first yr. and one-yr.).

Syllabus (1) *The special characteristics of public law in England.*
(2) *The institutions of government:*
(a) The Prime Minister, the Cabinet, the central government departments. The civil service. Political parties.
(b) Local authorities: their staff.
(c) Public corporations: their staff.
(d) Parliament: its composition, functions and privileges. Ministerial responsibility. Elections.
(e) The Judiciary: its constitutional position.
(3) *The processes of government:*
The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative.
The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills.
The judicial process: its characteristics. The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading S. A. de Smith *Constitutional and Administrative Law*; A. H. Hanson and M. Walles, *Governing Britain;* G. Wilson, *Cases and Materials on Constitutional and Administrative Law.*
FURTHER READING AND REFERENCE: J. A. G. Griffith and H. Street, *Principles of Administrative Law* (4th edn.); R. F. V. Heuston, *Essays in Constitutional Law;* W. I. Jennings, *The Law and the Constitution* (5th edn.); J. D. B. Mitchell, *Constitutional Law* (2nd edn.); G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* B. R. Crick, *The Reform of Parliament;* R. T. McKenzie, *British Political Parties* (2nd edn.); L. S. Amery, *Thoughts on the Constitution.*
Students should consult the latest editions of these books.

417 Law of Contract

Professor Cornish and Mr Pickering. Forty lectures, Michaelmas and Lent Terms.

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;* 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.

418 Law of Property I

Mr J. W. Harris, Mr S. A. Roberts and Mr J. S. Anderson, Forty lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate.

Syllabus General introduction: purposes of property law; types of property and of property right; nature and historical origin of equitable interests.
Chattels: basis of title; finding; bailment; gift; sale. Trespass to chattels, detinue and conversion.
Land: tenure; estates; uses and trusts; outline of future interests before 1925; easements, covenants etc.; effects in outline of 1925 legislation; conveyance and estate contract.
Choses in action: types; assignment of debts; negotiable instruments (in outline); transfer of shares; assignment of equitable interests.
Devolution on death, including family provision (in outline).
Property as security: pledge; hire purchase etc. (in outline); mortgage.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property;* A. J. Hawkins, *Law Relating to Owners and Occupiers of Land;* R. E. Megarry, *Manual of Real Property;* J. Crossley Vaines, *Personal Property;* H. W. Wilkinson, *Personal Property.*
FURTHER REFERENCE: F. H. Lawson, *The Law of Property;* A. D. Hargreaves, *Introduction to the Principles of Land Law;* G. W. Paton, *Bailment in Common Law;* O. R. Marshall, *Assignment of Choses in Action.*
Students should consult the latest editions of these books.

419 English Legal System

Mr Zander. Thirty-eight lectures, Sessional.

For LL.B. Intermediate.

Syllabus I. *Learning the law* (five lectures in the first week):
The nature of the legal process; case and statute law and the courts; law reports and the library.

Recommended reading G. L. Williams. *Learning the Law.*

Syllabus II.
(a) *Making the law:* sources of law; custom; precedent; statutes and statutory interpretation.
(b) *Changing the law:* the machinery of law reform; codification.
(c) *Historical development of the English legal system:* origins of common law; general outline of the forms of action; development of equity; nineteenth-century reforms.
(d) *The Courts:* their structure, organization, jurisdiction.
(e) *Pre-trial:*
(1) Civil: interlocutory proceedings, pleadings.
(2) Criminal: investigation of crime by the police; the Judges' Rules; police powers of search; arrest; bail.
(f) *The Trial:*
Proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal trials; rules of evidence. The jury.
Remedies; enforcement of judgments. The appeal process. The costs of litigation; legal aid; right to counsel.
(g) *The legal profession:* judges, barristers and solicitors.
PRESCRIBED BOOKS: R. M. Jackson, *The Machinery of Justice in England;* M. Zander, *Cases and Materials in the English Legal System* (when published).

Recommended reading C. K. Allen, *Law in the Making;* G. L. Williams, *Proof of Guilt;* P. A. Devlin, *The Criminal Prosecution in England; Trial by Jury;* W. R. Cornish, *The Jury;* P. Archer, *The Queen's Courts;* S. Bedford, *Faces of Justice; The Best We Can Do;* R. E. Megarry *The Lawyer and Litigant in England;* B. Abel-Smith and R. B. Stevens, *In Search of Justice;* M. Zander, *Lawyers and the Public Interest;* S. Dell, *Silent in Court.*
Students should consult the latest editions of these books.

420 Public Law II

Dr Leigh and Mr Evans. Thirty-seven lectures, Sessional.

For LL.B. Part I.

Syllabus Jurisprudential problems of public law. The concepts of parliamentary

sovereignty and the rule of law. The nature of conventions. The categories of power: legislative, judicial, administrative. Judicial review of administrative action. Legal liability of the Crown and other public authorities.
Civil liberties. Constitutional position of police. Extradition, deportation and the status of aliens and Commonwealth citizens. Emergency powers.
Legal and conventional aspects of Commonwealth relations.

Recommended reading As for 416 Public Law I, with the addition of the following for FURTHER READING AND REFERENCE: J. D. B. Mitchell, *Constitutional Law;* H. Street, *Freedom, the Individual and the Law; Justice in the Welfare State;* S. A. de Smith, *Judicial Review of Administrative Action; The New Commonwealth and its Constitutions* (chap. 1); H. W. R. Wade, *Administrative Law;* J. F. Garner, *Administrative Law;* D. C. M. Yardley, *A Source Book of English Administrative Law;* I. Zamir, *The Declaratory Judgment;* A. Rubinstein, *Jurisdiction and Illegality;* K. C. Wheare, *Constitutional Structure of the Commonwealth;* G. Marshall, *Police and Government;* A. Lester and G. Bindman, *Race Relations and The Law;* C. Turpin, *Government Contracts.*
Students should consult the latest editions of these books.

421 Law of Tort

Mr Dean and Mr Karsten. Forty-five lectures, Sessional.

For LL.B. Part I.

Syllabus *Introduction*
General observations: a brief examination of the various interests protected by the law of tort and the mental element involved in tort generally.
Intentional torts to person and property
(a) Trespass to the person. This should cover assault, battery and false imprisonment and *Wilkinson* v. *Downton.* In addition, however, it is appropriate here to consider and compare malicious prosecution.
(b) Trespass to land.
(c) General defences to intentional torts to persons and property.
Negligent invasions of interests in persons and property
(a) Negligence generally (including *res ipsa loquitur*) and causation and remoteness.
(b) Particular examples of duty to take care:
(i) Chattel liability
(ii) Negligence in relation to premises
(iii) Employer's duty of care to workmen
(iv) Animals
(v) Statement
General topics
Vicarious liability. Action for breach of statutory duty. Damages. Fatal claims. Joint torts. Limitation.
Invasion of interests in persons and property where intentional or negligent conduct need not always be proved
(a) Nuisance.
(b) *Rylands* v. *Fletcher.*
Interference with trading and economic interests
(a) Interference with contract.
(b) Conspiracy.
(c) Intimidation.
(d) Defamation.
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: C. A. Wright, *Cases on the Law of Torts;* J. F. Clerk and W. H. B. Lindsell, *The Law of Torts;* S. Chapman, *Statutes on the Law of Torts;* J. G. Fleming, *The Law of Torts;* W. L. Prosser, *Handbook of the Law of Torts;* J. A. Weir, *Casebook on Torts.*
Students should consult the latest editions of these books.

422 Law of Property II

Dr Valentine, Mr Evans and Professor Cornish. Fifty lectures, Sessional.

For LL.B. Part I.

Syllabus Formation of private trusts; settlements and trusts for sale of land; concurrent interests; perpetuities and accumulations.

Modern functions of the trust; the impact of taxation; charitable trusts.
Letting property; hiring personalty; leaseholds; rent control, security of tenure and other limits.
Land titles; private conveyancing; registration of encumbrances; registration of title; the systems compared.
Remedies; actions protecting interests in chattels, land; breach of trust.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property;* R. E. Megarry, *Manual of Real Property;* J. Crossley Vaines, *Personal Property;* Marshall and Nathan, *Equity through the Cases* (5th edn); D. B. Parker and A. R. Mellows, *The Modern Law of Trusts* (2nd edn.); Hanbury, *Modern Equity* (9th edn. by R. H. Maudsley).

FURTHER REFERENCE: R. E. Megarry and H. W. R. Wade, *Law of Real Property;* P. H. Pettit, *Equity and the Law of Trusts;* J. H. C. Morris and W. B. Leach, *The Rule against Perpetuities;* F. H. Lawson, *The Law of Property;* K. De Schweinitz, *England's Road to Social Security;* W. H. Beveridge, *Voluntary Action;* A. E. Telling, *Planning Law and Procedure;* G. W. Keeton, *Social Change in the Law of Trusts;* G. H. Curtiss and T. B. F. Ruoff, *Registered Conveyancing.*

Students should consult the latest editions of these books.

423 Criminal Law

Mr Hall Williams and Miss Temkin. Forty-six lectures, Sessional.

For LL.B. Part I.

Syllabus A. *General Principles of Responsibility.*
The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea.* Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences.
Specific Problems of Responsibility.
Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability.

B. *Specific Crimes: Legal Definition and Social Pathology.*
The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the use of the criminal law as a means of social control.

C. *Introduction to Criminology.*
Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading BASIC TEXTBOOKS: J. C. Smith and B. Hogan, *Criminal Law,* R. Cross and P. A. Jones, *Introduction to Criminal Law;* C. S. Kenny, *Outlines of Criminal Law;* J. W. C. Turner and A. L. Armitage, *Cases on Criminal Law;* D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law.*
FURTHER READING: 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;* N. Walker, *Crime and Punishment in Britain; Sentencing in a Rational Society;* D. A. Thomas, *Principles of Sentencing;* J. E. Hall Williams, *The English Penal System in Transition;* Report of the Royal Commission on Capital Punishment, 1953 (Cmd. 8932); Report of the Interdepartmental Committee on the Business of the Criminal Courts (Streatfeild Committee) (Cmnd. 1289); Criminal Law Revision Committee, Eighth Report, *Theft and Related Offences,* 1966 (Cmnd. 2977).

Students should consult the latest editions of these books.

Note The lecturer will give guidance at the commencement of the course on the books to be selected for basic reading. Students are accordingly advised to defer final selection until they have consulted the lecturer or their tutors.

424 Sentencing and the Treatment of Offenders

Mr Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Part I; LL.M.

Syllabus The aims of punishment for crime. The sentencing process. A brief account of current trends in the treatment of offenders.

Recommended reading N. Walker, *Crime and Punishment in Britain; Sentencing in a Rational Society;* J. E. Hall Williams, *The English Penal System in Transition;* R. Cross, *The English Sentencing System; Punishment, Prison and the Public (Hamlyn Lectures);* H. L. A. Hart, *Punishment and Responsibility;* Report of the Interdepartmental Committee on the Business of the Criminal Courts (Streatfeild Committee) (Cmnd. 1289); H.M.S.O., *The Sentence of the Court,* 1969; *People in Prison,* 1969.

425 Jurisprudence

Mr J. W. Harris, Mrs Reid and Dr Lapenna. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. Natural Law. Classical and modern theories: the social contract, law and morals, the enforcement of morality.
2. Utilitarianism
3. Theories of punishment
4. Imperative theories of law. Positivism: will, sanction, duty, sovereignty.
5. Rule-theories of law. The pure theory and the science of law; the basic norm and the rule of recognition; primary and secondary rules; normative language.
6. Psychological theories of law: law as fact.
7. Predictive theories of law. The judicial process.
8. Legal terminology. Rights and duties.
9. Marxist theories of law. State and revolution, development of communist law.
10. Sociological theories of law.

Recommended reading will be given during the course.

426 Law of Evidence

Mr Dean. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. Form of trial at Common Law: influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.
2. What may be proved: (i) facts in issue; (ii) facts probative of facts in issue; (iii) facts relevant to reliability and credibility; (iv) facts conditioning admissibility.
3. Rational basis of proof: direct and inferential proof; validity and limitations of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae.*
4. Incidence of proof: burdens; presumptions and standard of proof.
5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Act, 1898; corroboration. (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution, extrinsic evidence. (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.
6. Exclusion of unreliable evidence: (i) best evidence rule; (ii) opinion; (iii) hearsay and its exceptions, including further consideration of *res gestae.*
7. Exclusion of evidence on grounds other than reliability: (i) privilege; (ii) state interest; (iii) judicial control of police investigation; confessions and the Judges' Rules; illegally obtained evidence; (iv) identification evidence.
8. Facts which need not be proved: (i) judicial notice; (ii) formal admissions.
9. Facts which cannot be proved: estoppels, by record, deed and in pais.

Recommended reading TEXTBOOKS: R. Cross, *Evidence;* G. D. Nokes, *An Introduction to Evidence,* may be used in order to become acquainted with the

subject; E. Cockle, *Cases and Statutes on Evidence.*
FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence;* E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation;* J. F. Stephen, *A Digest of the Law of Evidence;* J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law;* J. H. Wigmore, *Science of Judicial Proof;* G. L. Williams, *The Proof of Guilt.*
FOR REFERENCE: J. F. Archbold, *Pleading Evidence and Practice in Criminal Cases;* S. L. Phipson, *The Law of Evidence;* J. P. Taylor, *A Treatise on the Law of Evidence;* J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence.*

Students should consult the latest editions of these books.

427 History of English Law

Professor Milsom. Twenty-two lectures, Sessional.

For LL.B. Part II.

Syllabus The history of the following matters from the Conquest to the Judicature Acts; legal institutions and procedures; the profession and legal literature; property, contract, tort and crime.

Recommended reading S. F. C. Milsom, *Historical Foundations of the Common Law;* T. F. T. Plucknett, *Concise History of the Common Law;* J. H. Baker, *Introduction to English Legal History;* G. R. Y. Radcliffe and G. Cross, *The English Legal System;* C. H. S. Fifoot, *History and Sources of the Common Law* (*Contract and Tort*); A. W. B. Simpson, *Introduction to the History of the Land Law.*
FOR REFERENCE: F. Pollock and F. W. Maitland, *History of English Law;* W. S. Holdsworth, *History of English Law;* T. F. T. Plucknett, *Early English Legal Literature.*

Students should consult the latest editions of these books.

428 Public International Law

Dr Valentine and Mr Thornberry. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus *International Law in Perspective:* Definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law.
Foundations of International Law: Formation of International Law; law-creating processes and law-determining agencies; sources and evidences; principles, rules and standards; international law and municipal law.
International Personality: Subjects of International Law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.
State Jurisdiction: Territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.
Objects of International Law: Territory; land frontiers; maritime frontiers; the high seas; air space; outer space; individuals and the movement towards a wider recognition of human rights; business enterprises; ships; aircraft; spacecraft.
International Transactions: Treaties and other international agreements; unilateral acts; international responsibility.
International Order and Organization: Pacific settlement of international disputes; legal and illegal uses of force; regulation of armed conflicts; war and neutrality; legal organization of international society; patterns for the development of international law.

Recommended reading PRELIMINARY READING: J. L. Brierly, *The Law of Nations* (6th edn. by H. Waldock).
TEXTBOOKS: I. Brownlie, *Principles of International Law;* D. W. Greig, *International Law;* G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals;* J. G. Starke, *Introduction to International Law.*

CASEBOOKS AND MATERIALS: H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (3rd edn.); I. Brownlie, *Basic Documents in International Law.*
FURTHER READING: W. Friedmann, *The Changing Structure of International Law;* H. Lauterpacht, *The Development of International Law by the International Court;* D. P. O'Connell, *International Law*, 2 Vols.; C. Parry, *The Sources and Evidences of International Law;* G. Schwarzenberger, *The Frontiers of International Law;* D. W. Bowett, *The Law of the Sea;* R. V. Jennings, *The Acquisition of Territory;* D. H. N. Johnson, *Rights in Air Space;* F. Vallat, *International Law and the Practitioner.*
Students should consult the latest editions of these books.
PERIODICALS: *The American Journal of International Law; The British Year Book of International Law; The International and Comparative Law Quarterly; International Organisation; Recueil des Cours, Académie de Droit International de la Haye; The Year Book of World Affairs.*

429 Conflict of Laws

Mr Hartley and Mr Karsten. Forty Seminars, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus
General: Introduction; domicile; jurisdiction; foreign judgments; theories of choice of law; procedure and proof of foreign law; characterization; renvoi; the incidental question; public policy.
Contract: Proper law doctrine; essential validity, interpretation, effects and discharge of contracts.
Torts: Choice of law; proper law; American doctrines; place of commission of a tort.
Family Law: Formal and essential validity of marriage; polygamy; divorce jurisdiction; recognition of foreign divorces; nullity jurisdiction; recognition of foreign nullity decrees.
Property: movables and immovables; assignment of movables; matrimonial property.
Succession: Intestate succession; formal and essential validity of wills; construction; administration of estates.

Recommended reading G. C. Cheshire *Private International Law;* J. H. C. Morris, *Conflict of Laws;* J. H. C. Morris, *Cases on Private International Law.* REFERENCE: A. V. Dicey and J. H. C. Morris, *Conflict of Laws.*

Students should consult the latest editions of these books.

430 Mercantile Law: Agency and Sales and Other Dispositions of Goods

Mr Pickering, Mr Dean and Mrs Reid. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus *Agency.* The nature of the principal-agent relationship and the rights and duties of the parties *inter se* and *vis-à-vis* third parties. The scope of the agent's authority. The effect of the Factors Act, 1889, and the termination of agency.
Sales and other dispositions of goods. The nature and special rules relating to sale of goods and hire purchase contracts. C.i.f., f.o.b., and other special forms of international sales. Bills of sale, pledges, bailments, gifts *inter vivos* and *donationes mortis causa.* The effects of bankruptcy and liquidation.

Recommended reading PRELIMINARY: chapters on agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract;* chapters on sale of goods, hire purchase, bailments and bankruptcy in T. M. Stevens, *Elements of Mercantile Law* and J. Charlesworth, *Principles of Mercantile Law;* G. Borrie and A. L. Diamond, *The Consumer, Society and the Law.*
TEXTBOOKS: P. S. Atiyah, *The Sale of Goods;* A. L. Diamond, *Introduction to Hire Purchase Law;* G. H. L. Fridman, *Sale of Goods;* E. R. H. Ivamy, *Casebook on the Sale of Goods; Casebook on Mercantile Law;* C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export publication); J. C. Vaines, *Personal Property;* R. Powell, *The Law of Agency;* G. H. L. Fridman,

Law of Agency; S. J. Stoljar, *The Law of Agency.*
REFERENCE: W. Bowstead, *The Law of Agency;* M. D. E. S. Chalmers, *Sale of Goods Act, 1893; Final Report of the Committee on Consumer Protection, 1962,* parts I and IV (Cmnd. 1781); Consumer Protection—Report of the Committee, 1971 (Cmnd. 4596); R. M. Goode, *Hire-purchase Law and Practice;* A. G. Guest, *The Law of Hire Purchase;* G. W. Paton, *Bailment in the Common Law;* C. M. Schmitthoff, *The Export Trade.*
Students should consult the latest editions of these books.
Copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, and the Hire Purchase Acts, 1964 and 1965, will be provided in the examination room.

431 Labour Law

Professor Wedderburn and Mrs Reid. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The scope and sources of Labour Law. The institutions of Labour Law. "Servant", "employee", "workman", "worker", "independent contractor", "self-employed person". The contract of employment: formation; effect; obligations of employer and employees, express and implied. Termination of the contract and remedies for breach.
Statutes affecting employment: for example in regard to written particulars of terms; payment of wages; minimum remuneration and holidays; notice to terminate; dismissals, including unfair dismissals; hours of work; special groups of workers; redundancy payments; workers' rights to organize or to refuse to join unions, and the status of such unions.
Outline of the law relating to social security: sickness, unemployment and industrial injuries and disablement benefit.
Collective bargaining and legal regulation. Bargaining units and sole bargaining agents. Limits on the right to organize—closed shops and agency shops. Unfair industrial practices in collective bargaining.
Collective agreements and their legal framework: their relationship with the contract of employment.
Disclosure of information to workers' representatives. Fair wages clauses.
Other legislation affecting collective agreements.
Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.
The master's responsibility for the safety of his servant. Negligence and breach of statutory duty. Health, safety and welfare and other conditions of work in factories, shops, mines and transport. The authorities responsible for enforcement.
Compensation for injured employees.
The legal aspects of industrial disputes; strikes, lock-outs and other industrial action. Criminal and civil liability for acts done in connection with industrial conflict, especially unfair industrial practices. The effect of statute. The impact on trade disputes of social security law. Emergencies and the law.
Conciliation, arbitration, committees and courts of inquiry. Voluntary and statutory machinery. The place of the Department of Employment. The influence of the International Labour Office on the development of British labour law.

Recommended reading The Industrial Relations Act 1971; The Code of Industrial Relations Practice; K. W. Wedderburn, *The Worker and the Law;* Department of Employment, *Guide to Industrial Relations Act 1971;* C. G. Heath, *Guide to the Industrial Relations Act 1971;* B. A. Hepple and P. O'Higgins, *Individual Employment Law;* C. Grunfeld, *Modern Trade Union Law;* C. Drake, *Labour Law;* O. L. Aikin and J. M. Reid, *Labour Law,* Vol. I, *Employment Welfare and Safety at Work:* Report of Royal Commission on Trade Unions and Employers' Associations; U.K. Ministry of Labour, *Evidence to Royal Commission on Trade Unions,* 1965; C. Grunfeld, *Law of Redundancy;* H. A. Clegg, *The System of Industrial Relations in Great Britain;* O. Kahn-Freund, *Labour and the Law* (*Hamlyn Lectures 1972*); A. Flanders, *Trade Unions* (1968 edn.); A. Redgrave, *Factories,*

Truck and Shop Acts; N. Citrine, *Trade Union Law;* C. Grunfeld, *Modern Trade Union Law;* K. W. Wedderburn, *Cases and Materials on Labour Law;* H. Vester and H. A. Cartwright, *Industrial Injuries,* Vols. I and II; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts;* K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain;* G. W. Guillebaud, *The Wages Councils System in Great Britain;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Survey;* G. H. L. Fridman, *Modern Law of Employment.*
Students should consult the latest editions of these books.

432 Domestic Relations

Dr Stone and Mr S. A. Roberts. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus (*a*) MARRIAGE. Requirements of a valid marriage. Form of marriage (in outline only). Grounds for nullity. The distinction between void and voidable marriages. Capacity and consent of parties and third persons; consanguinity and affinity. Polygamous marriages.
(*b*) THE EFFECT OF MARRIAGE ON PROPERTY RIGHTS. Common law, equity and statute. Title to and possessory rights in property. Liability in contract and tort. The powers of the Court in respect of financial provision. Matrimonial proceedings in the magistrates' courts. Maintenance and consortium. Rights and liabilities of spouses in relation to third parties.
(*c*) PARENT AND CHILD. The relation of parent and child, including legitimacy, legitimation and adoption. Custody and guardianship; the rights and obligations of parents at common law, in equity and by statute. Rights and obligations in respect of illegitimate children. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.
(*d*) SEPARATION. (i) by agreement; (ii) by order of the court.
(*e*) DIVORCE. Grounds for divorce.
Candidates will not be required to display any knowledge of the details of court procedure.

Recommended reading The latest editions of all books should be used.
PRELIMINARY READING: F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I,* Vol. II, chaps. 6 and 7; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in England During the Nineteenth Century,* chap. 11; Law Commission reports.
TEXTBOOKS: P. M. Bromley, *Family Law;* Sweet and Maxwell's *Family Law Statutes* (1970); W. Clarke Hall and A. C. L. Morrison, *Law Relating to Children and Young Persons.*
Students should also read articles on recent statutes and court decisions in *The Modern Law Review, The Law Quarterly Review* and *The Conveyancer.*
REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court and on Appeal Therefrom;* C. Foote, R. J. Levy and F. E. A. Sander, *Cases and Materials on Family Law.*

433 The Administration of Estates and Trusts

Dr Stone and Mr Nock. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The nature and purpose of the office of personal representative and his powers and duties: the administration of assets of solvent and insolvent estates.
The nature and purpose of the office of trustee and his powers and duties; the administration of the assets of a trust and methods of variation of the terms of a trust.
The capacity, appointment, retirement, renewal, remuneration and reimbursement of personal representatives and trustees and the control of the court over them.
The remedies of a beneficiary for breach of duty by a personal representative or trustee.

An outline of the law of estate duty, income tax and capital gains tax affecting estates and trusts.

Recommended reading A. R. Mellows, *The Law of Succession;* Sweet and Maxwell's *Property Statutes;* D. B. Parker and A. R. Mellows, *The Modern Law of Trusts* or Hanbury, *Modern Equity;* Nathan and Marshall, *A Casebook on Trusts; Snell's Principles of Equity* (Part II, chaps. 6–9, Part III); B. Pinson, *Revenue Law;* C. N. Beattie, *The Elements of Estate Duty* and G. S. A. Wheatcroft (Ed.), *Guide to the Estate Duty Statutes;* D. C. Potter and H. H. Monroe, *Tax Planning.*
FURTHER READING: *Williams on Executors and Administrators;* J. Philip Lawton, *Tax Planning for the Family Solicitor.*
Students should consult the latest editions of all books.

434 The Law of Business Associations

Mr Pickering and Dr Leigh. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus Historical development of the trading association: social and legal reasons for the rise of the modern registered company with limited liability.
Partnerships: the dominant features of partnership law.
Statutory demands for incorporation, and other modern unincorporated commercial groups: the unit trust.
The modern registered company: *a*) Constitution; administration; corporate personality; types of company and their function; capacity and *ultra vires*. (*b*) Flotation; shares and debentures (in outline); protection of investors, creditors and depositors. (*c*) Shareholders as members; protection of the minority. (*d*) Directors and management: as agents and "*alter ego*"; fiduciary and statutory duties; the auditor. (*e*) Maintenance of capital; reconstructions, mergers and problems of take-overs.
Other topics of company law will be touched on only lightly, e.g. details on transfer of securities and priorities; accounts; winding-up.
Other business associations (in outline), e.g. industrial and provident societies; friendly societies; public corporations. Functions of different kinds of commercial associations and comparison of their problems, e.g. control of management; relations with employees; impact of the "public interest", state shareholding etc.
Note Company Law will not normally account for more than two-thirds of this course. Copies of the Companies Acts, 1948 and 1967 will be provided in the examination room.

Recommended reading L. C. B. Gower, *Modern Company Law;* J. F. Northey and L. H. Leigh, *Introduction to Company Law;* M. A. Weinberg, *Take-Overs and Amalgamations;* H. A. J. Ford, *Unincorporated Non-Profit Associations;* N. B. Lindley, *Law of Partnership;* or P. F. P. Higgins, *Law of Partnership;* C. D. Drake, *Laws of Partnership;* H. R. Hahlo and M. J. Trebilcock, *A Casebook on Company Law* (London, 1970); Halsbury, *Laws of England* (on associations not otherwise covered).
Further reading will be recommended during the course.
Students should consult the latest editions of these books.

435 Administrative Law with special reference to Local Government

Professor Griffith. Twenty lectures, Michaelmas Term.

For LL.B. Part 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* (8th edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (4th edn.) and *A Casebook of Administrative Law.*
ADDITIONAL READING: S. A. de Smith, *Judicial Review of Administrative Action* (2nd edn.); R. M. Jackson, *The Machinery of Local Government* (2nd edn.); C. A. Cross, *Principles of Local Government Law* (4th edn.); J. A. G. Griffith, *Central Departments and Local Authorities;* W. A. Robson, *Local Government in Crisis;* H. W. R. Wade, *Administrative Law* (3rd edn.); J. F. Garner, *Administrative Law* (3rd edn.).
GOVERNMENT PUBLICATIONS: Report of Royal Commission on Local Government in Greater London (1960); Report of Committee on the Management of Local Government (1967); Report of Committee on the Staffing of Local Government (1967); Report of Royal Commission on Local Government in England (1969); Report of Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).

436 International Protection of Human Rights

Mr Thornberry. Thirty meetings, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus 1. *International Society and Its Law. Jus naturale* and the growth of the modern law of nations; the rise of positivism and the idealisation of the State; twentieth-century criticisms of consensualism and its qualified rejection; the theories of sovereignty; sovereignty's functions and repercussions in the society of States; the unorganized formal structure of that society; the traditional sources of international law; the law of treaties; "custom" and "general principles": their varying interpretations; the S.W. Africa Case (1966) and its illumination of the problems of traditional international law; the relationship between international and municipal law; the history of the concept of international legal personality.
2. *The Individual in International Law.* Contrast between early and nineteenth-century international law; nationality and protection; the Nottebohm and Barcelona Traction Cases; "minimum standards of civilisation" for aliens; deficiencies of the law of diplomatic protection and its application; the principles of the law of State responsibility and local remedies.
3. *Historical Bases of the Modern Law.* Protection of minorities: slavery; "humanitarian intervention" of the nineteenth century; basis of League of Nations concern; the machinery of the League; the Upper Silesian experiment; were the League's efforts a failure?
The protection of minorities and the prevention of discrimination; minorities and humanitarian intervention under the U.N. Charter; significance of and reasons for the change in emphasis.
Human Rights Standards and the I.L.O.: History, organization, functions of the International Labour Organization; I.L.O. conventions and recommendations; implementation techniques; complaints procedures.
Humanitarian regulation of conduct of hostilities: customary and treaty law in outline; war crimes; significance of post-1945 trials; Geneva Conventions of 1949; genocide; proposals for an international criminal court.
4. *Promotion and Protection by the United Nations.* Charter provisions; organs of the U.N. concerned with the promotion and protection of human rights; the Universal Declaration of Human Rights; domestic jurisdiction and the concept of intervention; standard-setting by U.N. agencies and the juridical character of their activities; U.N. conventions, covenants, declarations, resolutions, recommendations; the variety of enforcement techniques; mandates, trust and non-self-governing territories; the concept of self-determination; the Committee of 24; the U.N. and southern Africa; the right of petition; the "double standard". Refugees and statelessness; development of international standards; the High Commissioner for Refugees.
5. *International Non-Governmental Organizations.* Variety, functions, activities, relevance; the International Committee of the Red Cross; human rights and mass communications.
6. *Regional Human Rights Provisions.* Reasons for development outside western

Europe; the context of international organizations and human rights standards in Western Europe; the European Convention on Human Rights and Fundamental Freedoms; functions of the various organs of the Council of Europe relating to the Convention; machinery and procedure under the Convention; the admissibility of applications; the roles of the Commission and the Court; case-law under particular articles of the Convention and Protocols.
7. *Ideological and Philosophical Foundations.* Leading theoretical attitudes to international protection; civil and political or economic and social emphases; politics and dynamics of human rights.

Recommended reading I. Brownlie, *Basic Documents on Human Rights;* J. E. S. Fawcett, *The Law of Nations; The Application of the European Convention on Human Rights.*
SPECIALIST WORKS: J. Carey, *U.N. Protection of Civil and Political Rights;* A. Eide and A. Schou (Eds.), *The International Protection of Human Rights* (Nobel Symposium); M. Ganji, *The International Protection of Human Rights;* H. Lauterpacht, *International Law and Human Rights;* E. Luard (Ed.), *International Protection of Human Rights;* M. Moskowitz, *The Politics and Dynamics of Human Rights;* P. P. Remec, *Position of the Individual in International Law According to Grotius and Vattel;* E. Schwelb, *Human Rights and the International Community.*
Study notes and detailed reading list will be given at the beginning of the course.

437 Basic Principles of Soviet and Yugoslav Legal Systems

Dr Lapenna. Thirty lectures, Sessional.

For LL.B. Part II.

Syllabus I. *Introduction.* Marxist concept of state and law as ideological foundation of the state organization and the legal system. Impact of Roman Law and influences of pre-revolutionary "bourgeois" law as reflected in some legal notions. The role of legal traditions and local customs. System: legal branches and institutions; codes, statutes and other sources; legislative machinery; the question of hierarchy of legal acts and the concepts of "socialist legality."
II. *Main Features of the Constitutional Structure.* State ("social") property as basis of the economic organization; unity of power; legal status of the Communist Party; Soviets, councils and the Yugoslav commune; national and state sovereignty; federalism; human rights in theory and practice; constitutional courts in Yugoslavia.
III. *Legal Aspects of Economic Relations.* Forms of ownership (state, "social", co-operative, *kolkhoz*, by social organizations, personal, private); legal personality, the role of juristic persons; contracts and torts; planning: state economic plan as opposed to the Yugoslav "social" plan.
IV. *Fundamentals of Criminal Legislation.* Crime as a social phenomenon; the system of the codes; material and formal definition of crime; criminal liability; juvenile delinquency; types of crime, especially crimes against the state, official crimes and economic crimes; rights of the accused in criminal proceedings; system of punishments; correction of offenders: educational measures, social pressure; administrative penalties.
V. *Settling Disputes.* Courts, state and departmental *arbitrazh*, economic courts (in Yugoslavia), arbitration courts, comrades' courts, proceedings in labour disputes; the legal profession: judges, procurators, public prosecutors (in Yugoslavia), advocates, notaries, jurisconsults, state attorneys (Yugoslavia).

Recommended reading H. J. Berman, *Justice in the U.S.S.R.:* V. M. Chkhikvadze (Ed.), *The Soviet State and Law;* A. G. Chloros, *Yugoslav Civil Law;* J. N. Hazard, *Communists and Their Law;* E. L. Johnson, *An Introduction to the Soviet Legal System;* I. Kovacs, *New Elements in the Evolution of Socialist Constitution;* I. Lapenna, *State and Law; Soviet and Yugoslav Theory; Soviet Penal Policy;* P. S. Romashkin, *Fundamentals of Soviet Law.*

Further reading will be given during the course.

438 Legislation

Professor Griffith and Mr Rowlands. Twenty meetings, Sessional.

For LL.B. Part II.

Syllabus The activity of legislating. The language of legislation. The process of legislation. The judicial attitude to legislation.

Recommended reading will be given during the course.

439 The Law Relating to Sentencing in England and Wales

Miss Temkin. Ten meetings, Lent Term.

For LL.B. Part II.

Syllabus Theories of the function and limitations of punishment: legislative framework of sentencing; courts and the sentencing process.
Principles governing the use of imprisonment and fines. The use of individualised sentences: probation, borstal training, hospital orders. Particular problems in sentencing. Current developments in sentencing: foreign systems.

Recommended reading will be given at the beginning of the course.

440 The Law Relating to Civil Liberties in England and Wales

Mr Evans and Dr Leigh. Ten meetings, Michaelmas Term.

For LL.B. Part II.

Syllabus (1) Freedom of expression; public meetings, public order; state security; obscenity.
(2) Pre-trial criminal procedure; arrest; search and seizure; bail.

Recommended reading O. Hood Phillips, *Constitutional and Administrative Law* (4th edn.); H. Street, *Freedom, the Individual and the Law;* I. Brownlie, *Law Relating to Public Order;* D. G. T. Williams, *Keeping the Peace;* Emersen, Haber and Dorsen, *Cases and Materials in Civil Liberties*, Vol. I; S. A. de Smith, *Constitutional and Administrative Law.*
Further reading will be given during the course.

441 Law and the "Underprivileged"

Mr Zander. Ten meetings, Lent Term.

For LL.B. Part II.

Syllabus (1) The low-income tenant: (*a*) private tenants: security of tenure; harassment; rent fixing; repairs and improvements; slum clearance from the slum tenants' point of view; overcrowding. (*b*) local authority tenants: allocation; rents and rent rebates; eviction.
(2) Consumer credit and the indigent.
(3) Social security: the legal position of the recipient of social security; entitlement *versus* discretion; challenges to wrongful decisions. (4) Procedure: judicial review; the class or representative action; the role of *amicus curiae* and written briefs; the legal profession; and the rules of professional etiquette on legal services for the poor.

Recommended reading Rent Act, 1968; Rent Act, 1965, Part III; Housing Act, 1957; Report of the Milner Holland Committee on *Housing in Greater London* (Cmnd. 2605, 1965); Report of the Cullingworth Committee on *Council Housing Purposes, Procedures and Priorities*, 1969; E. Burney, *Housing on Trial;* H. Rose, *The Housing Problem;* Report of the Francis Committee on the Rent Acts 1971 (Cmnd. 4609, 1971); Report of the Crowther Committee on Consumer Credit (Cmnd. 4596, 1971) together with memoranda to the Committee from *inter alia*, the Consumer Council, the Consumers' Association, the Hire Purchase Trade Association, and the Finance Houses Association; D. Caplovitz, *The Poor Pay More;* Social Security Act, 1966; D. Marsden, *Mothers Alone;* A. Delafield Smith, *The Right to Life;* S. A. de Smith, *Judicial Review of Administrative Action* (2nd edn.); W. W. Boulton, *Conduct and Etiquette at the Bar* (4th edn.); T. Lund, *The Professional Conduct and Etiquette of Solicitors.*
BACKGROUND READING: P. Townsend, "On Poverty" (*The British Journal of Sociology*, 1956); P. Townsend, *The Last Refuge* (chaps. 4, 12 and 17); A. Harvey,

Casualties of the Welfare State (Fabian Tract); R. M. Titmuss, *Commitment to Welfare;* A. B. Atkinson, *Poverty in Britain and the Reform of Social Policy;* J. H. Marshall, *Social Policy.*

COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

442 English Legal Institutions

Mr Zander and Mr Jacob. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Soc.

Syllabus Sources of law; case law and the theory of binding precedent; legislation and statutory interpretation; custom. Reform of the law and codification. The organization of the courts: their jurisdiction and the types of cases with which they deal. Administrative tribunals. Arbitration. Civil and criminal cases, including an outline of pre-trial proceedings; evidence and procedure. The personnel of the law including judges, magistrates, juries, barristers and solicitors. Legal aid and advice. Appeals. Students are not expected to have any knowledge of the substantive rules of law in contract, tort, criminal law or in the other branches of the law.

Recommended reading PRELIMINARY READING: G. L. Williams, *Learning the Law;* P. Archer, *The Queen's Courts.* TEXTBOOKS: R. M. Jackson, *The Machinery of Justice in England;* M. Zander, *Cases and Materials in the English Legal System* (when published). FURTHER READING: C. K. Allen, *Law in the Making;* P. A. Devlin, *The Criminal Prosecution in England; Trial by Jury;* G. L. Williams, *The Proof of Guilt;* R. E. Megarry, *Lawyer and Litigant in England;* B. Abel-Smith and R. B. Stevens, *In Search of Justice;* M. Zander, *Lawyers and the Public Interest.*

Students should consult the latest editions of these books.

443 Elements of Commercial Law A: Contract

Mr J. W. Harris. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus

1. Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality (restraint of trade).
2. Content: implied term, control of exemption clauses.
3. Privity: exceptions to the doctrine.
4. Discharge: performance, variation, breach, frustration.
5. Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action.

Note Candidates will be supplied in the examination room with copies of the Misrepresentation Act, 1967.

Recommended reading Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law;* or T. M. Stevens, *Elements of Mercantile Law;* P. S. Atiyah, *Introduction to the Law of Contract.* FOR REFERENCE: J. C. Smith and J. A. C. Thomas, *A Casebook on Contract;* G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract.*

Students should use the latest editions of the above books.

444 Elements of Commercial Law B: Partnership and Company Law

Mr Nock. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and partnerships, and limited partnerships. The law as codified in the Partnership Act, 1890. Proceedings against partners and proof of partnership and separate debts in bankruptcy. Companies registered under the Companies Act, 1948. Formation and flotation. *Ultra vires.* Raising and maintenance of capital and dividends.

Agents and organs of the company and the rule in *Royal British Bank* v. *Turquand.* Shares and debentures. Charges on the company's property. Publicity; annual returns, accounts, and audit. Meetings and resolutions. The duties of directors and problems of enforcement. Protection of the minority and their remedies. Reconstructions, amalgamations and winding-up (in outline only).

Note Candidates will be supplied in the examination room with copies of the Partnership Act, 1890 and the Companies Acts, 1948 and 1967.

Recommended reading A. Underhill, *Principles of the Law of Partnership;* F. Pollock, *A Digest of the Law of Partnership;* J. A. Hornby, *An Introduction to Company Law;* J. Charlesworth, *Company Law;* Leigh and Northey, *Company Law.* FOR REFERENCE: L. C. B. Gower, *The Principles of Modern Company Law;* R. R. Pennington, *The Principles of Company Law.* Students should consult the latest editions of these books.

445 Elements of Commercial Law C: Consumer Protection

Mrs Reid. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr. (Students specialising in Economics, Analytical and Descriptive, Monetary Economics or in Industry and Trade should take *either* this course *or* Course No. 446.)

Syllabus The nature of contracts for the sale of goods and hire-purchase and special rules relating to such contracts. The exclusion of terms implied by legislation. The remedies of parties involved in sale and hire-purchase transactions, and restrictions upon their exercise. An outline of the law relating to weights and measures, merchandise marks, manufacturers' liabilities, advertising and sales practices.

Note Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893 and the Hire Purchase Acts of 1964 and 1965.

Recommended reading R. Lowe, *Sale of Goods and Hire-purchase;* G. J. Borrie and A. L. Diamond, *The Consumer, Society and the Law;* P. S. Atiyah, *The Sale of Goods;* A. L. Diamond, *Introduction to Hire-Purchase Law;* T. M. Stevens, *Elements of Mercantile Law;* J. Charlesworth, *Principles of Mercantile Law;* G. J. Borrie, *A Source Book of Commercial Law;* H.M.S.O. Consumer Council, *Justice out of Reach.* FOR REFERENCE: Final Report of the Committee on Consumer Protection 1962 (Cmnd. 1781), Report of the Committee on Consumer Credit 1971 (Cmnd. 4596); E. R. H. Ivamy, *Casebook on the Sale of Goods; Casebook on Mercantile Law;* C. M. Schmitthoff, *The Sale of Goods;* G. H. L. Fridman, *Sale of Goods.*

Students should consult the latest editions of these books.

446 Elements of Commercial Law D: Income and Capital Taxation of Individuals and Corporations

Mrs Manduke Curtis. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr. Students specialising in Economics, Analytical and Descriptive, Monetary Economics or in Industry and Trade should take *either* this course *or* Course 445.

Syllabus General outline of Income Tax and Surtax, Corporation Tax and Capital Gains Tax; the basis of taxation of individuals and of companies; the Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedules E and F.

Recommended reading will be given during the course.

447 Elements of Labour Law

Mr R. M. Lewis and Mrs Reid. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; Dip. Personnel Management; Trade Union Studies course and other industrial relations students.

Syllabus 1. *Collective labour relations:*
a Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.
b Collective bargaining: strikes and other forms of industrial action; traditional role of Government (conciliation, arbitration, fact-finding); legal effect and enforcement of collective agreements; extension of representative collective agreements (Fair Wages Resolution, fair wages legislation, Terms and Conditions of Employment Act, 1959); substitute machinery for collective bargaining (minimum wages legislation). Legal regulation of bargaining units and agents and of the closed shop. Disclosure of information. Role of the Commission on Industrial Relations and other agencies.
c The effect of the Industrial Relations Act, 1971.

2. *Individual labour relations:*
a Nature of the contract of employment: structure; employment, a voluntary relationship; servant and independent contractor, employed and self-employed persons.
b Wages: Factories Act "Particulars"; checkweighing; non-disciplinary deductions.
c Hours and holidays with pay: women and young persons, children and adult male workers.
d Sickness: common law rights; sickness benefits and sick pay schemes.
e Disciplinary powers of management: common law duties of employees; employers' sanctions; negotiated procedures; dismissals.
f Termination of employment: redundancy; unemployment benefit; unfair and wrongful dismissals.
g Safety and health:
(i) common law duties; common law action for damages;
(ii) principal statutory duties; criminal and administrative sanctions; common law action for damages;
(iii) industrial injury and disablement benefit.
h Prohibition of discrimination on grounds of race and sex: Race Relations Act, 1968, Equal Pay Act, 1970.
i Individual legal rights in respect of union membership.

Recommended reading O. L. Aikin and J. M. Reid, *Labour Law*, Vol. I, *Employment, Welfare and Safety at Work;* C. Drake, *Labour Law;* C. Grunfeld, *Modern Trade Union Law;* K. W. Wedderburn, *The Worker and the Law; Cases and Materials on Labour Law;* Report of Royal Commission on Trade Unions and Employers' Associations; D.E., *Guide to Redundancy Payments Act 1965* (revised edn.); O. Kahn-Freund, "Legal Framework" in A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* O. Kahn-Freund, *Labour Law: Old Traditions and New Developments; Labour and the Law;* H.M.S.O., *Industrial Relations Handbook* and *Research Papers of the Royal Commission on Trade Unions and Employers' Associations.*
For Reference: W. Mansfield Cooper, *Outlines of Industrial Law;* N. Citrine, *Trade Union Law;* H. Samuels, *Trade Union Law;* F. R. Batt, *The Law of Master and Servant;* A. Redgrave, *Factories, Truck and Shops Acts;* J. H. Munkman, *Employers' Liability at Common Law;* O. Kahn-Freund (Ed.), *Labour Relations and the Law;* D. C. L. Potter and D. H. Stansfield, *National Insurance* (Introduction) and *National Insurance (Industrial Injuries) Act* (Introduction); *Written and Oral Evidence to the Royal Commission of C.B.I. and T.U.C.;* B. Hepple, *Race, Jobs and the Law in Britain;* C. Grunfeld, *Law of Redundancy.*
Students should consult the latest editions of these books.

448 Constitutional and Administrative Law

Mr Hartley. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus The nature of constitutional law. Sources and characteristics of British constitutional law. Parliamentary sovereignty. Constitutional conventions The rule of law.
Parliament: its position, functions and powers. Parliamentary privilege and procedure. Control over national finance. The monarchy. The royal prerogative. The Privy Council and the Cabinet. Ministerial responsibility. The civil service. The constitutional position of the judges. The nature of administrative law. The legislative, executive and judicial powers of the Administration. Delegated legislation. Administrative adjudication. Judicial and other controls over the powers of the Administration. The principles of Crown liability.
The structure and financing of local government. The liability of local authorities.
The nature and constitution of public corporations. Relations with Ministers and Parliament. Powers, duties, liabilities and privileges. Consumer bodies.
The liberties of the subject. Emergency powers. Military and martial law.

Recommended reading Textbooks: S. A. de Smith, *Constitutional and Administrative Law* or O. Hood Phillips, *Constitutional and Administrative Law* or E. C. S. Wade and G. G. Phillips, *Constitutional Law;* W. I. Jennings, *The Law and the Constitution;* G. Wilson, *Cases and Materials on Constitutional and Administrative Law* or D. L. Keir and F. H. Lawson, *Cases in Constitutional Law;* O. Hood Phillips, *Leading Cases in Constitutional Law.*
Further Reading and Reference: R. F. V. Heuston, *Essays in Constitutional Law;* J. A. G. Griffith and H. Street, *Principles of Administrative Law;* H. W. R. Wade, *Administrative Law;* D. C. M. Yardley, *A Source Book of English Administrative Law;* S. A. de Smith, *Judicial Review of Administrative Action;* G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* H. Street, *Freedom, the Individual and the Law;* J. D. B. Mitchell, *Constitutional Law;* H. Street, *Justice in the Welfare State;* J. F. Garner, *Administrative Law.*
Students should consult the latest editions of these books.

449 International Law

Dr Nelson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II 3rd yr; B.Sc. c.u. main field Geog.

Syllabus *International Law in Perspective:* definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law, the sources and evidence of international law; the relation between international law and municipal law.
International Personality: subjects of international law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.
State Jurisdiction: territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.
Objects of International Law: territory; land frontiers; maritime frontiers; the high seas; the continental shelf; the ocean floor; airspace; outer space; individuals and the protection of human rights; business enterprises; ships; aircraft; spacecraft.
International Transactions: treaties and other international agreements; unilateral acts; international responsibility.
The Settlement of International Disputes: legal and illegal uses of force.
International Organization: universal and regional institutions; the British Commonwealth in international law (in outline only); the European Communities (in outline only).

Recommended reading Textbooks: M. Akehurst, *A Modern Introduction to International Law;* J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (5th edn.); D. P. O'Connell, *International Law for Students.*
Books of Materials: L. Brownlie, *Basic Documents in International Law;* L. C. Green, *International Law through the Cases* (3rd edn.).
Further Reading: W. Friedmann, *The Changing Structure of International Law;* D. W. Greig, *International Law;* L. Henkin, *How Nations Behave;* C. W. Jenks, *A New World of Law?;* J. G. Starke, *Introduction to International Law*

(6th edn.); J. E. S. Fawcett, *The British Commonwealth in International Law;* M. A. Kaplan and N. D. Katzenbach, *The Political Foundations of International Law;* H. J. Morgenthau, *Politics Among Nations* (2nd edn.); B. V. A. Röling, *International Law in an Expanded World.*

PERIODICALS: *The American Journal of International Law; The British Year Book of International Law; The International and Comparative Law Quarterly; International Organisation; International Relations; The Year Book of World Affairs.*

450 Soviet Law

Dr Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr; graduate students of Law and others interested.

Syllabus Soviet interpretations of the Marxist doctrine of state and law. Unity of the legal system and the position of public international law. Fundamental notions of civil law. Family law. Inheritance. Criminal law. "Socialist" legality. Organs of the judiciary. Criminal procedure. Civil procedure.

Recommended reading TEXTBOOKS: H. J. Berman, *Soviet Criminal Law and Procedure;* V. M. Chkhikvadze (Ed.), *The Soviet State and Law;* K. Grzybovski, *Soviet Legal Institutions;* J. N. Hazard, *Communists and Their Law* (*re* parts); *Settling Disputes in Soviet Society;* E. L. Johnson, *An Introduction to the Soviet Legal System;* H. Kelsen, *The Communist Theory of Law;* A. Kiralfy, *The Russian Civil Code;* I. Lapenna, *State and Law: Soviet and Yugoslav Theory;* I. Lapenna, *Soviet Penal Policy;* P. S. Romashkin, *Fundamentals of Soviet Law;* Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1, 3 and 9.

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.

451 Introduction to Comparative Law

Mr Lazar. Ten lectures, Lent Term.

For LL.B. Part II and for graduate law students. Others will be admitted only by permission of Mr Lazar.

Syllabus A discussion of some of the problems arising from the comparison of "common law" and of "civil law" systems. Although there will be occasional references to other legal systems the course will be mainly concerned with English, American, French and German law. It will include the following topics: the purpose and method of studying "comparative law". Sources of international misunderstandings between lawyers. Meaning of the antithesis of "common" and "civil" law. Significance of Roman law. Codified law *versus* case law. Systematic *versus* casuistic thinking. University-made law *versus* "guild law". The contrast of public and private law and its fundamental importance. "Separation of powers" and "*séparation des pouvoirs*". The role of the courts in law-making. Statutory interpretation. Principle of precedent. Constitutional review. "General clauses" and Equity. "Freedom of contract" *versus* protection of workers and consumers. Influence of technical development on delictual liability. Publicity of property transactions. The meaning of "commercial law".

Recommended reading H. C. Gutteridge, *Comparative Law* (2nd edn.); R. B. Schlesinger, *Comparative Law, Cases and Materials* (2nd edn.); R. C. K. Ensor, *Courts and Judges in France, Germany and England;* R. David, *Traité Elémentaire de Droit Civil Comparé;* R. David and H. P. de Vries, *The French Legal System; Manual of German Law* edited by British Foreign Office (2 Vols.); C. J. Hamson and T. F. T. Plucknett, *The English Trial and Comparative Law;* C. J. Hamson, *Executive Discretion and Judicial Control: an Aspect of the French Conseil d'Etat;* F. H. Lawson, *A Common Lawyer Looks at the Civil Law;* F. W. Maitland, "Trust and Corporation" and "The Corporation Sole" in *Selected Essays;* A. T. Von Mehren, *The Civil Law System, Cases and Materials.*

FOR REFERENCE: P. Arminjon, B. Nolde and M. Wolff, *Traité de Droit Comparé* (3 Vols.); W. W. Buckland and A. D. McNair, *Roman Law and Common Law* (2nd edn.); S. Galeotti, *The Judicial Control of Public Authorities in England and in Italy;* F. H. Lawson, *Negligence in the Civil Law;* D. Lloyd, *Public Policy;* M. Rheinstein (Ed.), *Max Weber on Law in Economy and Society;* J. D. B. Mitchell *The Contracts of Public Authorities;* K. Renner, *The Institutions of Private Law and their Social Functions;* B. Schwartz (Ed.), *The Code Napoléon and the Common-law World;* M. A. Sieghart, *Government by Decree;* H. Street, *Government Liability, A Comparative Study;* C. Szladits, *Guide to Foreign Legal Materials* (*French, German, Swiss*).

Students should consult *The International and Comparative Law Quarterly* and *The American Journal of Comparative Law.*

The following classes will be held for LL.B. and B.Sc. (Econ.) students of the School only.

Subject		*Degrees for which classes are intended*
416(a)	**Public Law I**	LL.B. Intermediate
417(a)	**Law of Contract I**	LL.B. Intermediate
418(a)	**Law of Property I**	LL.B. Intermediate
419(a)	**English Legal System**	LL.B. Intermediate
420(a)	**Public Law II**	LL.B. Part I
421(a)	**Law of Tort**	LL.B. Part I
422(a)	**Law of Property II**	LL.B. Part I
423(a)	**Criminal Law**	LL.B. Part I
425(a)	**Jurisprudence**	LL.B. Part II
426(a)	**Law of Evidence**	LL.B. Part II
427(a)	**History of English Law**	LL.B. Part II
428(a)	**Public International Law**	LL.B. Part II
429(a)	**Conflict of Laws**	LL.B. Part II
430(a)	**Mercantile Law**	LL.B. Part II
431(a)	**Labour Law**	LL.B. Part II
432(a)	**Domestic Relations**	LL.B. Part II
433(a)	**The Administration of Estates and Trusts**	LL.B. Part II
434(a)	**Law of Business Associations**	LL.B. Part II
435(a)	**Administrative Law with special reference to Local Government**	LL.B. Part II
436(a)	**International Protection of Human Rights**	LL.B. Part II
437(a)	**Basic Principles of Soviet and Yugoslav Legal Systems**	LL.B. Part II
438(a)	**Legislation**	LL.B. Part II
442(a)	**English Legal Institutions**	B.Sc. (Econ.) Part I
443(a)	**Elements of Commercial Law: Contract**	B.Sc. (Econ.) Part II
444(a)	**Elements of Commercial Law: Partnership and Company Law**	B.Sc. (Econ.) Part II
445(a)	**Elements of Commercial Law: Consumer Protection**	B.Sc. (Econ.) Part II
446(a)	**Elements of Commercial Law: Taxation**	B.Sc. (Econ.) Part II

Subject		*Degrees for which classes are intended*
447(a)	**Elements of Labour Law**	B.Sc. (Econ.) Part II
448(a)	**Constitutional and Administrative Law**	B.Sc. (Econ.) Part II
449(a)	**International Law**	B.Sc. (Econ.) Parts I and II
452	**African Law**	LL.B. Part II

SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL

453 Legal History

Professor Milsom and Mr Birks.

Syllabus English legal history generally (as in the LL.B. examination) with special reference to its bearing upon the following topics in the prescribed period. The period prescribed until further notice is 1216–1327.
The main movements of legal thought. Characteristics of mediaeval law.
Influence of civil, canon and mercantile law. Legislation. Case law, local customs. Principal sources of legal history (records, year books, treatises).
The courts of law (including parliament). Local courts. The judiciary and the legal profession.
The forms of action and the outline of procedure and pleading. Battle. Wager of law. The jury.
Real property. Tenure. Common law estates. Conveyances and their effects. Feudalism. Seisin. Inheritance. Personal property. Ownership and possession.
Contract at common law and in law merchant. Tort. Trespass. Defamation and its relation to ecclesiastical jurisdiction.
Criminal law (treason, felonies, misdemeanours). Appeals, indictments, pardons, forfeiture and escheat.
Law merchant (its sources, nature and the institutions administering it).

Recommended reading General introductions are T. F. T. Plucknett, *Concise History of the Common Law* and S. F. C. Milsom, *Historical Foundations of the Common Law*. The most detailed study of most of the period, and to be used as a basic text-book, is F. Pollock and F. W. Maitland, *History of English Law* (2nd edn. 1898) reissued with new introduction and bibliography in 1968.
Reference should also be made to the following: W. S. Holdsworth, *History of English Law;* T. F. T. Plucknett, *Legislation of Edward I; Early English Legal Literature; Edward I and Criminal Law;* J. B. Ames, *Lectures on Legal History;* C. H. S. Fifoot, *History and Sources of the Common Law;* A. W. B. Simpson, *Introduction to the History of the Land Law;* J. B. Thayer, *Preliminary Treatise on Evidence at the Common Law*.
Students should consult the latest editions of these books.
Copious original materials are in print, in the publications of the Selden Society and elsewhere, and students should familiarise themselves with the nature of plea rolls, year books, formularies, and of the principal treatises. Attention is drawn to the edition of *Glanvill* by G. D. G. Hall and to the edition of *Bracton* now in course of publication by S. E. Thorne.
The publications of the Selden Society and the Ames Foundation and the year book volumes in the Rolls Series frequently contain introductions of value and those falling within the special period should be studied. Articles and reviews in *The Law Quarterly Review* and *The English Historical Review* should be consulted.

454 Comparative Constitutional Law I

(The Constitutions of the United States, Canada and Australia)
Dr Leigh, Dr Letwin and Mr Chesterman (K.C.)

Also for M.Sc.

Syllabus I General principles of federalism and the constitutional structures of the United States, Canada, and Australia (in outline). The influence of the imperial structure and the American example in the case of Canada and Australia.
II Governmental 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 powers to enter into and implement external obligations. Relations between the states and provinces and foreign governments, and between the federal government and foreign governments.
IX Aspects of the constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

Recommended reading TEXTBOOKS AND CASEBOOKS: G. Sawer, *Modern Federalism;* M. Forkosch, *Constitutional Law;* N. T. Dowling and G. Gunther, *Cases and Materials on Constitutional Law*, or W. B. Lockhart, Y. Kamisar, J. Choper, *The American Constitution: Cases and Materials;* C. Howard, *Australian Federal Constitutional Law;* G. Sawer, *Cases on the Constitution of the Commonwealth of Australia;* B. Laskin, *Canadian Constitutional Law;* N. Lyon and R. Atkey, *Canadian Constitutional Law in a Modern Perspective*.
FOR REFERENCE: V. S. Mackinnon, *Comparative Federalism;* L. W. Levy, *Judicial Review and the Supreme Court;* P. Freund, *On Law and Justice;* C. E. Hughes, *The Supreme Court of the United States;* R. McCloskey, *The Supreme Court;* 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?;* G. Sawer, *Australian Federalism in the Courts;* W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia;* Z. Cowen, *Federal Jurisdiction in Australia;* J. A. Maxwell, *Commonwealth-State Financial Relations in Australia;* 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 Tribuneaux Administratifs et la Constitution;* E. J. Brossard *et al.*, *La Cour Suprême et la Constitution;* A. Lajoie, *Le Pouvoir Declaratoire du Parliament*.
Students should consult the latest editions of these books.

455 Company Law

Professor Wedderburn and Mr Pickering.

Syllabus Meaning of corporate personality and distinction between incorporated and unincorporated associations. The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the

concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies. The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of directors and of the controlling majority and the enforcement of these duties. Reconstructions and amalgamations. Liquidation (in outline only).

Recommended reading L. C. B. Gower, *The Principles of Modern Company Law; Companies Acts 1948* and *1967; Report of the Company Law Committee* (Jenkins Report) (Cmnd. 1749).

FURTHER READING AND REFERENCE: J. Northey and L. Leigh, *Introduction to Company Law;* J. Charlesworth, *Company Law;* M. A. Weinberg, *Takeovers and Mergers;* C. A. Cooke, *Corporation, Trust and Company;* R. R. Pennington, *Company Law; The 'City Code' on Take-Overs and Mergers;* H. R. Hahlo, *Casebook on Company Law;* L. Sealy, *Cases and Materials on Company Law;* F. B. Palmer, *Company Law; Buckley on the Companies Acts;* Earl of Halsbury, *Laws of England* (Simonds Ed.) Vol. 6; A. A. Berle and G. C. Means, *The Modern Corporation and Private Property;*A. Afterman, *Company Controllers and Directors;* H. de Hoghton, *The Company: Law, Structure and Reform in Eleven Countries;* Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.), Vols. 1–20; *Report of the Committee on Company Law Amendment* (Cohen Report) (Cmd. 6659); K. W. Wedderburn, *Company Law Reform;* H. A. J. Ford, *Unincorporated Non-Profit Associations;* K. W. Wedderburn, *Rule in Foss v. Harbottle and Shareholders' Rights* (1957) C.L.J. 194, and (1958) C.L.J. 93; L. Loss, *Fiduciary Concept and Corporate "Insiders" in U.S.A.* (1970) 33 M.L.R. 34; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; K. W. Wedderburn, *Oppression of Minority* (1966) 29 M.L.R. 321; M. A. Pickering, *Shareholders' Voting Rights and Company Control* (1965) 81 L.Q.R. 248; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; A. Boyle, *Minority Shareholders in the Nineteenth Century* (1965) 28 M.L.R. 317; K. W. Wedderburn. *Corporate Personality and Social Policy: the Quasi-Corporation* (1965) 28 M.L.R. 62; *The Death of Ultra Vires* (1966) 29 M.L.R. 673; *Shareholders' Control of Directors' Powers* (1967) 30 M.L.R. 77; *Directors' Bona Fides* (1967) 30 M.L.R. 566; *Collateral Purposes* (1968) 31 M.L.R. 694; *Unreformed Company Law* (1969) 32 M.L.R. 563; R. Baxt, *The Modern Company Auditor* (1970) 33 M.L.R. 413; L. S. Sealy, *Oppression of Shareholders* (1970) C.L.J. 215; L. Leigh, *The Alter Ego Doctrine* (1965) 28 M.L.R. 584, (1966) 29 M.L.R. 568; R. S. Nock, *The Rule of Indoor Management* (1965) 30 Conv. 123; D. Prentice, *Directors' Fiduciary Duties* (1967) 30 M.L.R. 450; *Expulsion of Members* (1970) 33 M.L.R. 700; M. Trebilcock, *Liability of Directors for Negligence* (1969) 32 M.L.R. 499; G. D. Goldberg, *Article 80 Table A* (1970) 33 M.L.R. 177; M. Chesterman, and A. S. Grabiner, *Company Fraud* (1969) 32 M.L.R. 328; K. Polack, *Directors' Contracts and Turquand's Case* (1967) Camb. L.J. 173; J. Gross, *Pre-incorporation Contracts* (1971) 87 L.Q.R. 367; R. Baxt, *Is Ultra Vires Dead?* (1971) 20 I.C.L.Q. 301; C. Schmitthoff, *Multi-National Companies* (1970) Jo.Bus. Law 177; D. Vagts, *Multinational Enterprise* (1970) 83 Harv. L.R. 739. Students should consult the latest editions of the books.

Note The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts. Candidates will be supplied in the examination room with Queen's Printer copies of the *Companies Act, 1948* and the *Companies Act, 1967*.

456 Marine Insurance

Mr Pickering and Mr Dean.

Syllabus General principles and commercial practices. Insurable interest. Insurable value. Disclosure and representations. The policy. Double insurance. Warranties. The voyage. Assignment of the policy. The premium. Loss and abandonment. Partial losses (including salvage and general average

and particular charges). Measure of indemnity. Rights of insurer on payment. Return of premium. Lloyd's form of policy. Institute clauses (in outline only). Reinsurance.

Recommended reading INTRODUCTORY: Lord Chorley and O. C. Giles, *Shipping Law*, Part III.

TEXTBOOKS: E. R. H. Ivamy (Ed.), *Chalmers' Marine Insurance Act, 1906;* Arnould, *The Law of Marine Insurance and Average* (Eds. Lord Chorley and C. T. Bailhache) (Vols. 9 and 10 of *British Shipping Laws*); E. R. H. Ivamy, *Marine Insurance*.

FOR REFERENCE: C. Wright and C. Fayle, *History of Lloyd's;* D. Gibb, *Lloyd's of London;* V. Dover, *Handbook of Marine Insurance;* V. Dover, *Analysis of Marine Insurance Clauses; Journal of Maritime Law and Commerce; Shipowners* (Vol. 13 of *British Shipping Laws*).

Candidates will be supplied in the examination room with Queen's Printer copies of the *Marine Insurance Act, 1906*. Students should consult the latest editions of these books.

457 The Law of Personal Taxation

Mr Lazar.

Syllabus The general structure and administration of Income Tax, Surtax 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 Case 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 Income Tax and Surtax to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying Income Tax and Surtax to income from trusts and estates.

The provisions relating to Income Tax and Surtax 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.

Recommended reading will be given during the course.

458 The Law of Business Taxation

Mr Pickering.

Syllabus The general structure and administration of Income Tax, Surtax, Capital Gains Tax and Corporation Tax: the rules as to residence of companies and partnerships, for tax purposes. The definition, ascertainment and computation of income under Cases I and II of Schedule D and Case V in relation to business profits and the deductions and allowances (including capital allowances and loss relief) which may be set against such income. The definition, ascertainment and computation of other types of income (in outline only).

The definition, ascertainment and computation of capital gains (in outline) and the special provisions of capital gains tax relating to business assets.

The rules for applying Income Tax, Surtax and Capital Gains Tax to partnerships and sole traders and for applying Corporation Tax to companies.

The provisions of Schedule F in relation to companies.

The tax treatment of close companies, groups of companies, reconstructions, amalgamations and the problems raised by legislation relating to dividend stripping and transactions in securities.

Recommended reading will be given during the course.

Candidates will be supplied in the examination room with copies of *Butterworth's Tax Handbook* (edition current on 1 January of the year in which the examination is held).

459 The Law of Restitution

Professor Cornish, Mr Evans and Mr J. S. Anderson.

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.

460 Monopoly, Competition and the Law

Professor Yamey and others.

Syllabus The Restrictive Trade Practices legislation; the competition rules of the E.E.C.; the monopolies legislation and the Common Law.

Part I registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of selected decisions of the Court.

Part II Articles 85 and 86 of the Rome Treaty, and Regulation 17; the relationship between Community and U.K. Law; contrast between Article 85(1) and the definition of agreements subject to registration under the U.K. law; respective advantages of administrative discretion and the more legalistic approach of the U.K. restrictive practices legislation.

Part III The Monopolies Commission: single-firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.

Recommended reading J. Lever (Ed.), chap 11 Vol. II *Chitty on Contracts*, 1968; *The Law of Restrictive Practices and Resale Price Maintenance;* R. B. Stevens and B. S. Yamey, *The Judicial Process and Economic Policy: A Study of the Restrictive Practices Court;* V. Korah, *Monopolies and Restrictive Practices;* A. Sutherland, *The Monopolies Commission in Action;* Reports of the Registrar of Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303.

Candidates will be supplied at the examination with Queen's Printer copies of the *Monopolies and Restrictive Practices (Inquiry and Control) Act, 1948*, the *Restrictive Trade Practices Acts, 1956* and *1968*, and the *Monopolies and Mergers Act, 1965*.

Further references will be given at the beginning of the course, including references to legal developments in the United States of America and the Common Market.

461 The Principles of Civil Litigation

Master Jacob and Mr Zander.

Syllabus The general principles and practice of civil litigation, including: the organization, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil proceedings (both interlocutory and final) including enforcement of judgments and orders.

The procedures adopted in the High Court and in the County Court in ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessments of damages or other consequential relief; the system and right of appeal and the procedure on appeal; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects general procedure).

The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between these procedures and those adopted by the Courts.

The social and economic effects and value of the present system of civil litigation; including some comparison with one or more selected foreign systems.

Recommended reading W. B. Odgers, *Pleading and Practice;* R. M. Jackson, *The Machinery of Justice in England;* M. Zander, *Cases and Materials in the English Legal System;* B. Cardozo, *The Nature of the Judicial Process;* P. A. Devlin, *Trial by Jury;* C. P. Harvey, *The Advocate's Devil;* B. Abel-Smith and R. S. Stevens, *In Search of Justice;* Final Report of Committee on Supreme Court Practice (Cmd. 8878, 1953); Report of the Royal Commission on Assizes and Quarter Sessions (Cmnd. 4153, 1969); Report of the Committee on Personal Injuries Litigation (Cmnd. 369, 1968); Report of the Committee on Enforcement of Judgment Debts (Cmnd. 3909, 1969).

FOR REFERENCE: The Annual Practice; The County Court Practice; Halsbury, *Laws of England*, Vol. 1, *Actions*, Vol. 9, *County Courts and Courts*, Vol. 11, *Crown Proceedings*, Vol. 12, *Discovery and Divorce*, Vol. 16, *Execution*, Vol. 22, *Judgments and Orders*, Vol. 23, *Juries*, Vol. 30, *Pleading and Practice and Procedure;* E. Bullen and S. M. Leake, *Precedents of Pleading;* J. Chitty, *Queen's Bench Forms; Encyclopedia of Court Forms;* W. S. Holdsworth, *History of English Law*, Vol. I and Vol. IX, chap 7; R. Sutton, *Personal Actions at Common Law;* H. C. Gutteridge, *Comparative Law;* R. David and H. P. de Vries, *French Legal System;* A. T. Von Mehren, *The Civil Law System; Legal Aid Handbook* (H.M.S.O.); *Civil Judicial Statistics* (H.M.S.O., annual); *Manual of German Law*, Vol. I (H.M.S.O.); Report of Royal Commission on Despatch of Business at Common Law (Cmd. 5065); 1st, 2nd and 3rd Reports of Committee on County Court Procedure (Cmd. 746 and 7668); 1st, 2nd and 3rd Reports of Committees on Supreme Court Practice (Cmd. 7764, 8176 and 8617); Report of Committee on Administrative Tribunals and Enquiries (Cmd. 218); Report of Law Society on Operation of Legal Aid and Advice Act (1949, annual); Articles on Practice and Procedure in *The Law Quarterly Review*, *The Modern Law Review* and other periodicals.

462 Comparative Criminal Law and Procedure

Dr Leigh and Mr Hall Williams.

Syllabus A consideration of the main principles of the English criminal law, the problems arising in its codification, and the statement of the principles of responsibility and the general defences, together with the position with regard to strict liability offences. These will be examined in comparison with the following penal codes: The Canadian Code of 1954, The Indian Penal Code of 1860, The Norwegian Penal Code of 1902 as amended in 1961, The Penal Code of Nigeria, The Criminal Codes of Nigeria, The Ghana Criminal Code, together with the Penal Code of Kenya or the Penal Codes of any one of the following countries: Uganda, Tanzania, Malawi, Zambia, the Gambia, Botswana. The English Draft Criminal Code of 1879. The American Law Institute's Draft Model Penal Code.

SPECIFIC CRIMES: A comparative examination of the following specific crimes: homicide, theft, and kindred offences, offences against public morality, commercial trading frauds, offences against the state and the administration of justice.

PROCEDURE: A comparative examination of the following topics: Police powers of investigation and interrogation. The discretion to prosecute. Relation of prosecutor to the defence. The position of the accused as a witness. Organization of the criminal courts. Criminal appeals, new trial and post-conviction remedies. The sentencing process.

Recommended reading will be given during the course.

463 Soviet Law

Dr Lapenna and Dr Butler (U.C.)

Note Candidates taking LL.M. subject 25 *Soviet Law* may not take Section (B)3 *Soviet Law* under LL.M. subject 24 *Comparative European Law*.

Candidates are required to offer A and one of B, C or D. It may not be possible to provide courses for each option every year.

Syllabus A. *Introduction*
Resource materials on Soviet law. Legal terminology. Heritage of the Tsarist legal system. Fundamental Marxist concepts of state and law (also with reference to public international law). The sources of Soviet law, and its branches. Concepts of ownership and property in Marxist theory and Soviet legal practice. Legal aspects of the structure and administration of the Soviet economy. Principles of socialist legality. Administration of justice (court organization). The legal profession (jurists, judges, procuracy, advocates, jurisconsults, notaries). Comrades' courts and other social organizations. State arbitrazh.

B. *Civil Law and Domestic Relations*
The law of persons, property, contract, delict, unjust enrichment and succession on death. Marriage, divorce, nullity, parent and child, guardian and ward. Adoption. Basic features of civil procedure.

Note Candidates taking option B may not take LL.M. subject 26 *Comparative Family Law.*

C. *Criminal Law*
Sources and system. Territorial and personal scope of criminal law. Material and formal definition of crime. Constituent elements of crime. Preparation and attempt. Participation. Circumstances excluding criminal offence. Liability and exclusion of liability. Punishments and compulsory measures. Principal criminal offences. Criminology and penal policy. Basic features of criminal procedure: pre-trial proceedings, trial, appeals and supervision, special proceedings.

Section D, Constitutional, Administrative, and Economic Law
Soviet concepts of sovereignty and federalism. Role of the constitution in the U.S.S.R. Organization of the Soviet state. Protection of civil liberties under Soviet law. The principle of dual subordination. The legal status and role of the Communist Party of the Soviet Union. Administrative penalties. Administrative procedures for the redress of grievances. The concept of "economic" law. Legal aspects of economic planning and administration (structure of the Soviet economy; relationship between plan and law; contractual relations among Soviet enterprises and institutions; resolution of economic disputes; administration and regulation of Soviet foreign trade).

Note Although a knowledge of Russian is not required, students taking this course will be required to familiarise themselves with Russian technical legal terms.

Recommended reading W. E. Butler (Ed.), *Writings on Soviet Law and Soviet International Law;* P. S. Romashkin (Ed.), *Literature on Soviet Law: Bibliographic Index.*
SECTION A H. Babb (trans.), *Soviet Legal Philosophy;* H. J. Berman, *Justice in the U.S.S.R.;* K. Grzybowski, *Soviet Legal Institutions;* J. N. Hazard, *Law and Social Change in the U.S.S.R.;* J. N. Hazard, *Settling Disputes in Soviet Society;* H. Kelsen, *The Communist Theory of Law;* S. Kucherov, *The Organs of Soviet Administration of Justice;* M. Jaworskyj, *Soviet Political Thought: An Anthology;* E. Johnson, *An Introduction to the Soviet Legal System;* I. Lapenna, *State and Law: Soviet and Yugoslav Theory;* G. Morgan, *Soviet Administrative Legality.*
SECTION B G. Eorsi, *Fundamental Problems of Socialist Civil Law;* V. Gsovski, *Soviet Civil Law;* A. K. R. Kiralfy (trans.), *The Civil Code and The Code of Civil Procedure of the R.S.F.S.R.*, 1964.
SECTION C H. J. Berman and J. W. Spindler (trans.), *Soviet Criminal Law and Procedure: The R.S.F.S.R. Codes;* G. Feifer, *Justice in Moscow;* F. J. Feldbrugge, *Soviet Criminal Law: General Part;* I. Lapenna, *Soviet Penal Policy.*
SECTION D H. J. Berman and J. B. Quigley (Eds.), *Basic Laws on the Structure of the Soviet State;* O. Bihari, *Socialist Representative Institutions;* V. M. Chkhikvadse (Ed.), *The Soviet State and Law;* A. Denisov and M. Kirichenko, *Soviet State Law;* J. N. Hazard, *The Soviet System of Government;* I. Kovacs, *New Elements in the Evolution of Socialist Constitutions.*
CASEBOOKS J. N. Hazard, I. Shapiro, and P. Maggs (Eds), *The Soviet Legal System;* Z. Zile, *Ideas and Forces in Soviet Legal History.*
Students should consult the latest editions of these books.
JOURNALS AND SERIALS *Law in Eastern Europe* (Z. Szirmai, Ed.); *Osteuropa Recht; Soviet Law and Government; Soviet Statutes and Decisions* (W. E. Butler, Ed.). In addition to these periodicals devoted exclusively to Soviet and Eastern European law, articles frequently appear in *The International and Comparative Law Quarterly* and *Soviet Studies.*

Note Further reading in journals, case materials, and other materials translated especially for the course will be assigned from time to time in supplementation of the books mentioned under Sections B, C and D.

464 Comparative Family Law

Dr Stone and Mr Dicks (S.O.A.S.).
Note When the prescribed option in Comparative European Law is "Persons and Family Law" candidates will not be permitted to offer both Comparative European Law and Comparative Family Law. Candidates taking option B "Civil Law and Domestic Relations" in LL.M. subject 25 *Soviet Law* may not take Comparative Family Law.

Admission by permission of the teachers in charge.

Syllabus A comparison between the judicial concepts and the substantive law regarding: (*a*) family property rights and maintenance obligations (including any law of succession to property on death) and (*b*) infants, minors or children; and their relation to other areas of family law, in representative common law and civil law or community property jurisdictions, and other specified legal systems. Until further notice:
(i) The common law jurisdictions studied will be those of England and Wales, and the States of New York and Pennsylvania.
(ii) The civil law and community property jurisdictions studied will be Western Germany and the North American States of California and Texas.
(iii) The other specified legal systems studied will be the law of the Overseas Chinese communities in Singapore and Hong Kong.

Recommended reading Further reading lists will be issued at the beginning of the course.
1. Common law jurisdictions and general comparative works:
(*a*) BOOKS: P. Bromley, *Family Law;* W. G. Friedmann, *Matrimonial Property Law* (1955); British Institute of International and Comparative Law, *Parental Custody and Matrimonial Maintenance* (1966); Foote, Levy and Sander, *Cases and Materials on Family Law*, esp. chaps. 1, 3, 4, 10 and 11; M. Hubbell, *Law Directory*, Vol. 4.
(*b*) JOURNALS AND ARTICLES: *Journal of Family Law* (University of Louisville, Kentucky).
(*c*) LEGISLATION: New York Estates Powers and Trusts Law; Domestic Relations Law and Family Court Act.
2. Civil law jurisdictions:
(*a*) BOOKS: A. N. Yiannopoulos (Ed.), *Civil Law in the Modern World*, esp. M. Rheinstein, "The Law of Family and Succession"; E. J. Cohn, *Manual of German Law* (2nd edn., 1967), esp. the chap. on Family Law; Charmatz and Daggett, *Community Property* or W. E. Burby, *Cases on Community Property.*
(*b*) LEGISLATION: Relevant parts of the Civil, Probate Codes of California. Revised Family Code of the State of Texas; German Civil Code, 4th book, arts. 1297–1921. (English translations will be provided.)
3. The Overseas Chinese Communities:
(*a*) BOOKS: M. Freedman, *Chinese Family and Marriage in Singapore* (H.M.S.O. 1957); *Chinese Law and Government in Hong Kong* (Government Report, 1953); *Chinese Marriages in Hong Kong (McDouall-Heenan Report)* (Government Report, 1967); G. Jamieson, *Chinese Family and Commercial Law*, 1921, reprinted 1970; V. Y. Chiu, *Marriage*

Laws and Customs of China, 1966; K. Roberts-Wray, *Commonwealth and Colonial Law*, 1966.
(*b*) JOURNALS AND ARTICLES: M. Freedman, "Colonial Law and Chinese Society" (80 *J. Royal Anthropological Institute*, 1950); M. Freedman, "Chinese Family Law in Singapore" in J. N. D. Anderson (Ed.), *Family Law in Asia and Africa* (1968); D. C. Buxbaum, "Chinese Family Law in a Common Law Setting: A note on the Institutional Environment and the Substantive Family Law of the Chinese in Singapore and Malaysia" (*J. Asian Studies*, Vol. XXXV, No. 4, August 1966); H. McAleavy, "Chinese Law in Hong Kong: the Choice of Sources" in J. N. D. Anderson (Ed.), *Changing Law in Developing Countries* (1963); M. B. Hooker, "The Relationship between Chinese Law and Common Law in Malaysia, Singapore and Hong Kong" *J. Asian Studies*, XXVIII, No. 4, August 1969); E. S. Haydon, "The Choice of Chinese Customary Law in Hong Kong" (1962, 11 I.C.L.Q. 231); D. E. Greenfield, "Marriage by Chinese Law and Custom in Hong Kong" (1958, 7 I.C.L.Q. 437).
(*c*) LEGISLATION: The Women's Charter, 1961, Singapore.

465 Law of International Institutions

Professor D. H. N. Johnson and Dr Nelson.

Syllabus (*A*) *General Aspects of International Law:* Definition; Development; Sources; Functions and Types of International Institutions; General Principles of International Institutional Law; Methods.
(*B*) *Non-Comprehensive International Institutions:*
1. Judicial International Institutions, with special reference to Permanent Court of Arbitration and the International Court of Justice: Functions; Organization; Jurisdiction; Procedure; Awards; Judgments; Advisory Opinions; Execution.
2. Administrative International Institutions, with special reference to pre-1914 international unions and international river organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.
3. Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organization: Functions; Membership; Organization; Scope of Jurisdiction; Powers.
(*C*) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organization; Scope of Jurisdiction; Procedure; Powers.
(*D*) *Hybrid International Institutions:*
1. Universalist Single-purpose Institutions, with special reference to the Intergovernmental Organizations related to the United Nations.
2. Regional Institutions. Multi-purpose Institutions, e.g. Organization of American States; Council of Europe. Single-purpose Institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the Commission for Technical Co-operation in Africa (South of the Sahara); Supranational Institutions (the European Coal and Steel Community, the European Economic Community and Euratom).
3. Sectional International Institutions, with special reference to the North Atlantic Treaty and Warsaw Treaty Organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.
(*E*) *Non-Governmental International Organizations:* Arrangements for Consultation with the United Nations under Article 71 of the Charter.
(*F*) *Legal Aspects of the Co-ordination of International Institutions.*
Note Candidates taking this subject will not be expected to have a detailed knowledge of specialised agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.
(*G*) *Constitutional Conditions of World Order.*

Recommended reading TEXTBOOKS: L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, chap. IV: The Legal Organization of the International Community), and Vol. II (with special reference to Part I: Settlement of State Differences); G. Schwarzenberger, *International Law*, Vol. I; *International Law as Applied by International Courts and Tribunals* (with special reference to chaps. 23–30: Treaties and Unilateral Acts) and *Manual of International Law*, chaps. 9–12; D. W. Bowett, *The Law of International Institutions*.
FURTHER READING: M. M. Ball, *NATO and the European Union Movement;* L. M. Goodrich, E. Hambro and A. P. Simons, *The Charter of the United Nations;* S. S. Goodspeed, *The Nature and Function of International Organisation;* C. W. Jenks, *The Proper Law of International Organisations;* H. Kelsen, *The Law of the United Nations;* A. H. Robertson, *European Institutions;* S. Rosenne, *The Law and Practice of the International Court;* G. Schwarzenberger, *Power Politics: A Study of World Society* (with special reference to chaps. 15 and 25–30); J. L. Simpson and H. Fox, *International Arbitration;* L. B. Sohn, *Cases on United Nations Law and Basic Documents of the United Nations;* B. Boutros-Ghali, *The Addis Ababa Charter;* D. W. Bowett, *United Nations Forces;* G. Modelski *et al.*, SEATO; R. Higgins, *The Development of International Law through the Political Organs of the U.N.;* Ann Van Wynen Thomas and A. J. Thomas, Jr., *The Organisation of American States;* United Nations, *Repertory of Practice of United Nations Organs and Supplements; Repertoire of Practice of The Security Council*, 1946–1951, and *Supplements*. Students should consult the latest editions of these books.
PERIODICALS: *The American Journal of International Law; The British Year Book of International Law;* United Nations, *Monthly Chronicle; The International and Comparative Law Quarterly; International Organisation; Year Book* of the International Court of Justice; *Year Book* of the United Nations; *The Year Book of World Affairs*.

466 Law of European Institutions

Dr Valentine.

Also for M.Sc.

Syllabus The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the European Defence Community; the European Political Community (all in outline only).
The European Communities: (i) Constitutional structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.
(ii) Implementation of the Treaties: the creation of a common market; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies.
The relationship between community law and municipal law; incorporation; harmonisation of legislation.
The Council of Europe: structure and functioning of: the Committee of Ministers; the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.
Comparison with other European Economic Organizations: (i) European Free Trade Association; Council of Association; arbitration procedures; aims and achievements. (ii) Comecon: the Council; the Assembly; the Executive Committee; the Secretariat; aims and achievements.

Recommended reading R. Mayne, *The Community of Europe;* A. H. Robertson, *The Council of Europe* (2nd edn.); A. H. Robertson, *European Institutions*.
FURTHER READING: G. Bebr, *Judicial Control of the European Communities;* Campbell, *Law of the European Communities*, 2 Vols with supplements; J. S. Deniau, *The Common Market;* F. Honig and others, *Cartel Law of the European Economic Community;* G. W. Keeton and G. Schwarzenberger (Eds.), *English Law and the Common Market;* R. Pinto, *Les Organisations Européennes;* R. Pryce, *Political Future of the European Communities;* A. H. Robertson, *The Law of International Institutions in Europe;* D. G. Valentine, *The Court of Justice*

of the European Communities (2 Vols.). Reference should also be made to: *The Year Book of the European Convention on Human Rights; Common Market Law Reports; International Law Reports; Common Market Law Review;* F. L. Peyor, "Forms of Economic Co-operation in the European Communist Block" (*Soviet Studies*, Oct. 1959); Institute of Advanced Legal Studies, *Index to Foreign Legal Periodicals;* articles in B.Y.I.L. and I.C.L.Q.
English translations of the three European Community Treaties, the Rules of Procedure of the Communities' Court, E.E.C. Regulations, the E.F.T.A. Treaty and the European Convention on Human Rights are obtainable from Her Majesty's Stationery Office.

467 International Law of the Sea

Professor D. H. N. Johnson.

Syllabus I. *Introduction.* History; sources.
II. *Delimitation of the Relevant Areas.* Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads; islands and low-tide elevations; international straits and waterways; the high seas and the sea-bed; the continental shelf.
III. *The Principle of the Freedom of the Seas.* Ordinary and extraordinary rights of jurisdiction in time of peace, with special reference to piracy and the slave trade; coercive measures short of war; limitations and exceptions.
IV. *Users of the High Seas and the Sea-Bed.* Navigation; fisheries; exploitation of other natural resources; scientific research and experiments; disposal of radioactive waste; naval exercises; pipe lines; cables; mechanical installations; other users.
V. *Jurisdiction over Maritime Areas Adjacent to the Coast.* The regime of ports and internal waters; the regime of the territorial sea and the contiguous zone; the regime of the continental shelf; the right of hot pursuit; ships in distress.
VI. *Access to the Sea for States without a Sea Coast.* Transit between the sea and a state without a sea coast; use of ports and the territorial sea of neighbouring states; right to sail ships on the high seas.
VII. *The Legal Regime of the Ship.* Nationality of ships; flags of convenience; warships and other government-owned ships on non-commercial service; government-owned merchant ships; privately-owned merchant ships; collision, wreck and salvage; stateless ships; pirate ships.
VIII. *The Legal Regime of Crew, Passengers and Cargo.* Jurisdiction; the master; master and crew; conditions of labour; consular jurisdiction over seamen abroad; functional protection of seamen.
IX. *Rules for Securing Safety at Sea.* Rules for the prevention of collisions at sea; assistance at sea; load line conventions; pollution.
X. *Maritime Law in Time of War.* Prize law and prize courts; rules of maritime warfare; the law of maritime neutrality.
XI. *International Maritime Institutions.* Types; functions; organization; jurisdiction.

Recommended reading TEXTBOOKS: C. J. Colombos, *International Law of the Sea;* G. Gidel, *Le Droit International Public de la Mer;* M. S. McDougal and W. T. Burke, *The Public Order of the Oceans;* G. Schwarzenberger, *The Fundamental Principles of International Law*, chap. VIII; *Recueil*, Hague Academy, Vol. 87; G. Schwarzenberger, *International Law; International Law as Applied by International Courts and Tribunals*, Vol. I (with special reference to chaps. 13, 19 and 20); H. A. Smith, *The Law and Custom of the Sea.*
FURTHER READING: J. Andrassy, *International Law and the Resources of the Sea;* L. J. Boucher, *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); 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;* International Law Commission of the United Nations, Relevant *Summary Records, Documents* and *Yearbooks; Report of the First United Nations Conference on the Law of the Sea* (Cmnd. 584).

PERIODICALS: *The American Journal of International Law; The British Year Book of International Law; The International and Comparative Law Quarterly; The Year Book of World Affairs.*

468 International Economic Law

Mr Lazar.

Syllabus I. *Fundamentals.* The province, sources, history and sociology of international economic law.
II. *The principles of international economic law.* Economic sovereignty and the co-existence of sovereign and heterogeneous economies. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty (including freedom of commerce, freedom of land and air communications, freedom of inland navigation, freedom of access to the sea and maritime ports, and freedom of the seas). The problem of international economic public policy.
III. *The standards of international economic law.* Function and types, including the minimum standard of international law, the most-favoured-nation standard, the standard of preferential treatment, the standard of reciprocal treatment, the standard of the open door and the standard of national treatment. The standards of international economic law on the level of international institutions, including the standard of economic good neighbourliness.
IV. *International economic transactions.* General principles. Treaties of friendship, commerce and navigation. Other economic agreements, including double-taxation agreements, development aid agreements and agreements for technological co-operation. Unilateral economic acts. International economic torts, with special reference to the protection of foreign investments. The problem of an international economic law of crime.
V. *The law of economic warfare.* Economic reprisals. Economic warfare, with special reference to the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions.
VI. *Patterns of international economic organization.*
A. On the level of partly organized international society: the representation and protection of economic interests abroad, with special reference to relevant aspects of diplomatic and consular relations. International adjudication of economic claims. Economic and financial unions (e.g. monetary unions, customs unions, free trade areas and common markets).
B. On higher levels of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supranational institutions (e.g. the European Communities).

Recommended reading will be given at the beginning of the course.

469 Industrial and Intellectual Property

Professor Cornish.

Syllabus *Patents* History of patents for inventions. Present system: subject matter; right to apply; employees' inventions; form of application; Patent Office objections and opposition proceedings; grounds of invalidity; infringement; assignments, licences, Crown use; patents of addition; extensions. Comparison with other patent systems. Place of patent protection in the economy.
Trade secrets and the protection of "know-how"; scope of present law; relation to patent system.
Designs Present system: subject matter; registration; invalidity; infringement (in outline). Relation to copyright.
Trade Marks and Names Protection at common law: passing off, slander of title, slander of goods. Trade mark registration: its relation to common law protection; right to apply for registration; purpose of registration; distinctiveness; deception and confusion; division of the register, defensive registrations; certification trade marks; infringement; assignment, registered user, licensing; non-user and use by

competitor. Protection of marks and names under the Trade Descriptions Act. *Copyright* History of copyright protection. Nature of copyright. Works in which copyright exists; periods of copyright, ownership, assignment, licensing; infringement in relation to the different classes of "works". Relation to breach of confidence and the protection of "know-how". Other systems of copyright.

Recommended reading INTRODUCTORY: T. A. Blanco White and R. Jacob, *Patents, Trade Marks, Copyright and Industrial Designs.*
TEXTBOOKS: T. A. Blanco White, *Patents for Inventions and the Registration of Industrial Designs;* D. Falconer, W. Aldous and D. Young, *Terrell on Patents;* A. Turner, *The Law of Trade Secrets;* T. A. Blanco White and R. Jacob, *Kerly on Trade Marks;* E. P. Skone James, *Copinger and Skone James on Copyright.*
(Candidates will be supplied in the examination room with Queen's Printers copies of the Patents Act 1949, Trade Marks Act 1938, Copyright Act 1956 and Design Copyright Act 1968.)
Students should consult the latest editions of these books.

470 Criminology

Mr Hall Williams.

Syllabus I *Introduction.* The legal and criminological conception of crime. Relationship between criminology and criminal law.
II. *Methodology.* Methods of criminological study. Data collection. Theory construction.
III. *Factors and Theories about Crime.*
(a) Physiological factors and theories (including the role of inheritance, chromosome typology, endocrine imbalance etc.).
(b) Psychological factors and theories (including mental disorders, subnormality and their treatment by the law). Personality theories.
(c) Sociological factors and theories (including such environmental influences as the criminal area, gang membership). Cultural theories about crime, the influence of the mass media of communication.
(d) Prediction studies.
IV. *Specific Criminology.* Homicide and violent crime. Female criminality; juvenile crime. Sexual offenders. Drugs, alcohol and crime. Stealing (including shoplifting). Motoring offences. Arson, and crimes of damage to property. Hooliganism and vandalism. Persistent offenders. White collar crime. Organized crime. Political crime. A typology of offences and offenders.
V. *Attitudes and Policies Towards Crime.*
(a) Social defence and crime prevention. Police and public attitudes towards crime. The contribution of scientific criminology.
(b) Dimensions of the crime situation. Criminal statistics, hidden delinquency.

Recommended reading TEXTBOOKS: N. Walker, *Crime and Punishment in Britain;* R. Hood and R. Sparks, *Key Issues in Criminology;* E. H. Sutherland and D. R. Cressey, *Criminology;* H. Jones, *Crime and the Penal System;* D. J. West, *The Young Offender.*

FURTHER READING: H. Mannheim, *Comparative Criminology; Group Problems in Crime and Punishment; Criminal Justice and Social Reconstruction;* S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency; Family Environment and Delinquency; Ventures in Criminology;* S. Glueck, *The Problem of Delinquency;* K. Friedlander, *Psychoanalytical Approach to Juvenile Delinquency;* J. Bowlby, *Child Care and the Growth of Love; Maternal Care and Mental Health;* B. Wootton, *Crime and the Criminal Law; Social Science and Social Pathology;* A. K. Cohen, *Delinquent Boys: The Culture of the Gang;* D. M. Downes, *The Delinquent Solution;* T. P. Morris, *The Criminal Area;* J. B. Mays, *Growing Up in the City; Crime and Social Structure; Crime and its Treatment;* M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency;* H. J. Eysenck, *Crime and Personality;* G. Trasler, *The Explanation of Criminality;* L. Radzinowicz, *Ideology and Crime;* H. Mannheim (Ed.), *Pioneers in Criminology;* R. G. Andry, *Delinquency and Parental Pathology;* J. J. Wiley and K. R. Stallworth, *Mental Abnormality and the Law;* M. E. Wolfgang, *Patterns in Criminal Homicide;*

M. E. Wolfgang (Ed.), *Studies in Homicide;* M. E. Wolfgang and F. Ferracuti, *The Subculture of Violence;* University of Cambridge, Institute of Criminology, *Psychopathic Offenders;* F. H. McClintock, *Crimes of Violence;* F. H. McClintock and E. Gibson, *Robbery in London;* Home Office Research Unit, *Studies of Female Offenders;* T. E. James, *Child Law;* W. E. Cavenagh, *Juvenile Courts, The Child and the Law;* The Cambridge Department's Report on *Sexual Offences;* T. C. Willett, *The Criminal on the Road;* E. M. Schur, *Crimes Without Victims;* W. H. Hammond and E. Chayen, *Persistent Criminals;* D. J. West, *The Habitual Offender;* D. R. Cressey, *Theft of the Nation;* A. K. Cohen and Others, *The Sutherland Papers;* E. H. Sutherland, *White Collar Crime;* L. T. Wilkins, *Social Deviance;* H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training;* Report of the Departmental Committee on Criminal Statistics (Perks Committee) (Cmnd. 3448, 1967); L. Yablonsky, *The Violent Gang;* D. Matza, *Delinquency and Drift; Becoming Deviant;* T. Sellin, *Crime and and Culture;* O. N. Larsen (Ed.), *Violence and the Mass Media;* Home Office Research Studies, *Probationers in Their Social Environment;* M. B. Clinard, *Sociology of Deviant Behaviour;* S. Dinitz, R. R. Dynes and A. C. Clarke, *Deviance;* N. Walker, *Crimes, Courts and Figures.*

470(a) Criminology Class

Miss Temkin. Michaelmas and Lent Terms.

For LL.M.: *Criminology.* Admission by permission of Miss Temkin.

471 Sentencing and Treatment of Offenders

Mr Hall Williams.

Syllabus. The theory of punishment, including a discussion of the aims of sentencers and the goals of penal administrators. Sentencing procedure and policy, the information available to the courts at the sentencing stage and the use they make of it. Pre-trial intervention, bail and remand in custody. The procedure relating to mentally disordered offenders. The history of the penal system. The custodial system for adult offenders. The law relating to imprisonment. The type of institution, the classification of offenders. Different release procedures (remission, pardon and parole). After-care and community resources. The arrangements for dealing with special types of offender (e.g. recidivists, mentally disordered offenders, females). The non-custodial arrangements for dealing with offenders, including probation, suspended sentence, conditional and absolute discharge, bind-overs, fines, compensation and restitution, community service. Problems of dealing with young offenders: (a) over seventeen, including borstal training, detention centres etc. (b) under seventeen; the juvenile court and the welfare services under the Children and Young Persons Act 1969.
Reference will be made throughout the course to the comparative aspects of sentencing and treatment of offenders, insofar as these may assist in the critical examination of the British penal system.
Recommended reading TEXTBOOKS: J. E. Hall Williams, *The English Penal System in Transition;* D. A. Thomas, *Principles of Sentencing;* N. Walker, *Sentencing in a Rational Society;* R. Cross, *The English Sentencing System;* H.M.S.O., *People in Prison; The Sentence of the Court;* D. J. West, *The Young Offender;* N. Walker, *Crime and Punishment in Britain;* R. Hood and R. Sparks, *Key Issues in Criminology.*
FOR REFERENCE: P. W. Tappan, *Crime, Justice and Correction;* R. Korn and L. W. McCorkle, *Criminology and Penology;* Council of Europe, European Committee on Crime Problems publications; U.N. Reports of the First, Second and Third Congress on the Prevention of Crime and the Treatment of Offenders; H. Mannheim, *Comparative Criminology* (2 Vols.); N. Johnston, L. Savitz, M. Wolfgang, *The Sociology of Punishment and Correction;* H. L. A. Hart, *Punishment and Responsibility;* M. Grunhut, *Penal Reform;* R. S. E. Hinde, *The British Penal System;* J. D. McClean and J. C. Wood, *Criminal Justice and the Treatment of Offenders;* K. Devlin, *Sentencing*

Offenders in Magistrates' Courts; L. W. Fox, *The English Prison and Borstal Systems;* H. Mannheim, *The Dilemma of Penal Reform;* B. Wootton, *Crime and the Criminal Law;* H. R. Rollin, *The Mentally Abnormal Offender and the Law;* J. F. S. King, *The Probation Service* (2nd edn.); J. A. F. Watson, *The Child and the Magistrate;* W. E. Cavenagh, *Juvenile Courts, The Child and the Law;* H. J. Klare, *Anatomy of Prison;* F. H. McClintock, *Attendance Centres;* A. Dunlop and S. McCabe, *Young Men in Detention;* A. V. S. de Reuck and R. Porter, *The Mentally Abnormal Offender;* G. Rose, *Schools for Young Offenders;* L. Radzinowicz, *Detention in Remand Homes;* R. Hood, *Borstal Re-Assessed;* T. C. N. Gibbens, *Psychiatric Studies of Borstal Lads;* W. Healy and B. S. Alper, *Criminal Youth and the Borstal System;* D. Miller, *Growth to Freedom;* H. Klare, (Ed.), *Changing Concepts of Crime and Its Treatment;* J. P. Conrad, *Crime and Its Correction;* E. Stockdale, *The Court and the Offender;* R. Hood, *Sentencing in Magistrates' Courts;* T. Grygier, H. Jones, J. C. Spencer, *Criminology in Transition;* T. and P. Morris, *Pentonville;* D. Glaser, *The Effectiveness of A Prison and Parole System;* M. Ancel, *Social Defence;* E. Green, *Judicial Attitudes in Sentencing;* J. Hogarth, *Sentencing as a Human Process.*

472 Estate Duty Class

Mr Bretten. Michaelmas Term.

For LL.M.: *Estate Planning*. Admission restricted to students of the School taking this subject.

473 Law of Management and Labour Relations

Professor Wedderburn. Sessional.

Syllabus This course is concerned primarily with English law as it affects the making of decisions at the place of work and the context of labour relations in which such decisions are made. Comparisons with other systems will be made, in general terms, wherever possible.
I. Structure of corporate enterprise. Control of management; and representation of various interests. Chief executives, directors and governing board. One-tier boards of directors in British law. Other managers. Two-tier arrangements in practice under such laws; and obligatory two-tier systems. Role of shareholders and employees; election or appointment of managers; and the duties of management to act in the interests of the enterprise. "Participation" of employees by profit-sharing or other methods. Current legal and other problems in Britain for "Participation".
II. Management's plans. Legal requirements for disclosure of information to shareholders and public; to Government; to employees and trade unions.
III. Management and labour relations. Recognition of trade unions: the legal duty to bargain. The role of state agencies and collective bargaining structure e.g. the Commission on Industrial Relations. Legal requirements for "participation" by works councils etc.
IV. Collective bargaining. Effect of the law upon collective agreements, and upon objectives of management and trade unions in bargaining. Legal enforceability of agreements; legal "extension" of agreements; legal machinery for arbitration and inquiry. Grievance procedures and the "peace obligation" for employer, trade union and worker. The place of "Labour Courts".
V. Legal problems of managerial functions, industrial discipline and industrial conflict. Collective negotiation and the standard obligations of the employment relationship. Impact of law and practice affecting dismissal or discipline of workers. Law of industrial conflict affecting power of the parties in decision-making in the enterprise. State intervention in industrial conflict. Control of jobs and entry to the trade: effect of the law, for example, on the closed shop, rules of trade unions and employers' associations. Other legal control of decisions e.g. racial or other discrimination.
VI. The problems already described in the special context of the "multi-national" or international corporation.

Recommended reading Industrial Relations Act, 1971, and *Code of Practice* on the Act; Department of Employment,

Guide to the Industrial Relations Act 1971; G. C. Heath, *Guide to the Industrial Relations Act 1971;* G. Harvey, *The Industrial Relations Act;* O. Kahn-Freund, *Labour and the Law* (Hamlyn Lectures); L. C. B. Gower, *The Principles of Modern Company Law* (chaps. 1, 7, 20, 23, 25); C. de Hoghton, *The Company: Law Structure and Reform in Eleven Countries;* K. W. Wedderburn, *The Worker and the Law; Report of the Royal Commission on Trade Unions and Employers' Associations, 1968* (Cmnd. 3623).

FURTHER READING OR REFERENCE: G. Goyder, *The Responsible Company;* A. Berle and G. Means, *The Modern Corporation and Private Property;* M. Fogarty, *Company and Corporation—One Law?;* D. F. Vagts, "Reforming the Modern Corporation—Perspectives from the German" (*Harvard Law Review*, Vol. 80 page 23, 1966); T. Hadden, *Control of Company Fraud;* K. W. Wedderburn "Labour Law and Labour Relations in Britain" (*British Journal of Industrial Relations*, July 1972); A. Frame, "Workers' Participation in Company Management" (*Victoria University of Wellington Law Review*, Vol. 5 page 417, 1970); K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain;* B. Aaron (Ed.), *Disputes Settlement Procedures in Five West European Countries;* B. L. Adell, *Legal Status of Collective Agreements in England, U.S.A. and Canada;* G. de N. Clark, *Remedies for Unjust Dismissal;* H. A. Clegg, *System of Industrial Relations in Great Britain;* "International Symposium on Labour Law" (*British Journal of Industrial Relations*, Vol. 8 pages 307-368, 1970); *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 Law;* Commission of Industrial Relations, *Reports* 1–26; K. W. Wedderburn, *Company Law Reform;* K. Coates and A. Topham (Eds.), *Industrial Democracy in Britain;* "Symposium on Workers' Participation in Management: International Comparisons" (*Industrial Relations*, Vol. 9 pages 117-214, 1970); "Reports on Workers' Participation in Management: France, Germany and U.S.A." (*Bulletin of the International Institute of Labour Studies*, Vol. 6 pages 54-186, 1969) (British report forthcoming); "Participation" (*Supplément de Liaisons Sociales*, Septembre 1968); J. C. Harper, *Profit Sharing in Practice and Law;* B. Aaron (Ed.), *Labor Courts and Grievance Settlement in Western Europe;* B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Survey;* D. F. Vagts, "The Multinational Enterprise" (*Harvard Law Review*, Vol. 83 page 739, 1970); C. Kindleberger (Ed.), *The International Corporation;* L. Turner, *The Politics of the Multi-national Company;* K. W. Wedderburn "Multinational Enterprise and National Labour Law" (*Industrial Law Journal*, March 1972); Folke Schmidt, *Law of Labour Relations in Sweden;* J. Kolaja, *Workers' Councils, Yugoslav Experience;* H. H. Wellington, *Labor and the Legal Process;* F. Meyers, *Ownership of Jobs* (U.S.A., Britain, France); K. Walker, *Industrial Democracy: Fantasy, Fiction or Fact?* Students should consult the latest editions of these books.

Further reading, including articles in journals will be recommended in seminars on particular questions.

474 Human Rights (Seminar)

Mr Thornberry. Sessional.

Syllabus I *Historical, Political and Constitutional Background.* (*a*) Historical and political background; the emergence of the modern State and man's position in it; with particular regard to English and French writers since the Reformation, especially Hobbes, Locke and Rousseau. (*b*) The protection of individual rights in the common law with special reference to the United Kingdom, the United States of America, recently independent and dependent territories of the United Kingdom (e.g. the Republic of Cyprus, Kenya and Mauritius).

II. *Basic Principles.* (*a*) Human rights and customary international law; the legal character of human rights; the influence of the United Nations Charter, the Universal Declaration of Human Rights 1948 and treaties on human rights.

(*b*) The principle of non-discrimination.
(*c*) The principle of self-determination.
(*d*) Grounds for limitation of the enjoyment and exercise of human rights; respect for the rights of others; respect for democracy.

III. *Civil and Political Rights.* Analysis and comparison of the relevant provisions of the Universal Declaration of Human Rights 1948, the European Convention on Human Rights and Fundamental Freedoms 1950 (including its Protocols) and the United Nations International Covenant on Civil and Political Rights 1966, with particular reference to: the right to life; to freedom from inhuman or degrading treatment; to freedom from slavery; to liberty and security of person; to fair trial (including the prohibition on *ex post facto* punishment); to privacy and freedom of communication; to freedom of thought, conscience and religion; to freedom of expression; to freedom of assembly and association; to freedom of movement.

IV. *Economic, Social and Cultural Rights.* Analysis and comparison of the provisions of the United Nations International Covenant on Economic, Social and Cultural Rights 1966 and relevant European treaties.
(*a*) The legal nature of the rights.
(*b*) The right to family life; to health; to education; to culture and the benefits of science; to own and hold property; to work (including rights relating to trade unions).

V. *International Machinery for the Protection of Human Rights*, with particular reference to the United Nations and its International Covenants, the International Labour Organization and the Council of Europe.

Recommended reading G. H. Sabine, *History of Political Theory;* A. V. Dicey, *The Law of the Constitution;* D. G. T. Williams, *Keeping the Peace;* H. Street, *Freedom, the Individual and the Law;* E. C. S. Wade and G. G. Phillips, *Constitutional Law;* T. M. Franck, *Comparative Constitutional Process: Cases and Materials;* P. P. Remec, *The Position of the Individual in International Law according to Grotius and Vattel;* J. H. W. Verzijl, *Human Rights in Historical Perspective;* M. Moskowitz, *The Politics and Dynamics of Human Rights, Human Rights and World Order;* I. Brownlie, *Basic Documents on Human Rights;* C. W. Jenks, *The Common Law of Mankind; Human Rights and International Labour Standards;* H. Lauterpacht, *International Law and Human Rights;* J. E. S. Fawcett, *The Application of the European Convention on Human Rights;* G. Weil, *The European Convention on Human Rights;* K. Vasak, *La Convention Européenne des Droits de l'Homme; Digest of Case Law Relating to the European Convention on Human Rights, 1955-67;* R. Cassin, *Amicorum Discipulorumque Liber* (Collection of Essays in English and French): A. H. Robertson, *Human Rights in National and International Law; Human Rights in Europe; Human Rights in the World;* A. Eide and A. Schou, *The International Protection of Human Rights;* E. Luard, *The International Protection of Human Rights;* E. Landy, *The Effectiveness of International Supervision;* J. Carey, *U.N. Protection of Civil and Political Rights;* M. Ganji, *International Protection of Human Rights.* Students should consult the latest editions of these books.

Further Reading and Reference
Decisions of the European Commission of Human Rights and of the Court of Human Rights; *Yearbook* of the European Convention on Human Rights; United Nations, *Yearbook of Human Rights;* Records of the United Nations Human Rights Commission and other United Nations organs. Periodicals such as the *Human Rights Journal; The American Journal of International Law; American Journal of Comparative Law; The British Year Book of International Law;* Hague Academy, *Recueil des Cours; The International and Comparative Law Quarterly; Year Book* of the United Nations; *The Year Book of World Affairs.*

For information concerning seminars for the LL.M. degree and other graduate seminars in law, given at other Colleges of the University of London, students should consult either the Institute of Advanced Legal Studies, 25 Russell Square, London WC1B 5DR, or the Timetabling Office at the School.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

475 Problems of Civil Litigation

Master Jacob and Mr Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is mainly for students attending Course 461. Current problems in civil litigation will be discussed.

476 Problems in Taxation (Seminar)

Professor Wheatcroft and Professor Prest. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc. Admission by permission of Professor Wheatcroft.

Syllabus The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

477 Legal Medicine and Psychiatry

Mr Hall Williams, Dr Stone and visiting speakers. Lectures followed by discussion, Michaelmas and Lent Terms.

For LL.M.; LL.B. Optional for Dip. Soc. Work Studies. Other students may attend by permission.

Philosophy, Logic and Scientific Method

Philosophy, Logic and Scientific Method

485 Introduction to Scientific Method

Professor Watkins. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths., Maths. and Phil. 1st yr.; M.Sc.

Syllabus The aim of science. Explanation, prediction, technological control. Independent evidence and the avoidance of *ad hoc* hypotheses. Empirical content. Precision and measurement. Testing and corroboration. The empirical basis. Background knowledge. Induction and simplicity. Criteria for scientific progress. Scientific revolutions. Probability. Statistical hypotheses.

Recommended reading K. R. Popper, *Conjectures and Refutations*, especially the introduction and chaps. 1, 2, 3, 5, 7, 8, 10, 11; *The Logic of Scientific Discovery*, especially chaps, 1–7, 10; R. Carnap, *Philosophical Foundations of Physics*, especially Parts I and II; C. G. Hempel, *Philosophy of Natural Science;* T. S. Kuhn, *The Structure of Scientific Revolutions;* I. Lakatos (Ed.), *The Problem of Inductive Logic;* I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowledge.*

485(a) Introduction to Scientific Method Classes

Twenty classes, Sessional.

For B.Sc. (Econ.) Part I.

485(b) Introduction to Scientific Method Classes

Twenty classes, Sessional.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths., Maths. and Phil. 1st yr.

486 Introduction to Scientific Method: Social Sciences

Professor Watkins. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths., Maths. and Phil. 1st yr.; M.Sc. Students are expected to have attended Course 485 Introduction to Scientific Method in preparation for this course.

Syllabus Methodological individualism and the study of unintended social results. Predictability. Observer-interference. Social organicity. Positive feed-back and catastrophe-theories. Social phenomenalism, institutional stability, and sympathetic understanding of social activities. Social laws; macro-theories. Rationality and optimisation; game-theoretical rationality. Indeterminacy and uncertainty. Historical knowledge.

Recommended reading K. R. Popper, *The Poverty of Historicism;* F. A. Hayek, *The Counter-revolution of Science*, Part I; P. Winch, *The Idea of a Social Science;* L. C. Robbins, *The Nature and Significance of Economic Science;* M. Friedman, *Essays in Positive Economics*, chap. 1; F. Machlup, *Essays in Economic Semantics;* R. G. Collingwood, *The Idea of History.* ANTHOLOGIES AND READINGS: I. Lakatos and A. E. Musgrave (Eds.), *Problems in the Philosophy of Science* (pages 305-432); H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*, Part 8; P. Gardiner (Ed.), *Theories of History;* M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences;* L. I. Krimerman (Ed.), *The Nature and Scope of Social Science;* R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences.*

Students are also referred to Course 837.

487 Scientific Method

Professor Lakatos. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths., Maths. and Phil. 1st yr.; M.Sc. Students are expected to have attended Course 485 Introduction to Scientific Method in preparation for this course.

Syllabus The problem of method. The objectivity of science. The appraisal of scientific theories. Research programmes.

The theory of crucial experiments.
Continuity and revolution in science.
Probabilistic hypotheses.
The problem of inductive logic.

Recommended reading ESSENTIAL READING: see Course 485.
FURTHER READING: W. Whewell, *History of the Inductive Sciences*, Books 5, 6 and 7; *Philosophy of the Inductive Sciences;* H. Poincaré, *Science and Hypothesis;* P. Duhem, *The Aim and Structure of Physical Theory;* E. Nagel, *The Structure of Science;* K. R. Popper, "The Aim of Science" (*Ratio*, Vol, 1, 1958); J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind*, Vol. 67, 1958); P. K. Feyerabend, "Explanation, Reduction, and Empiricism" (*Minnesota Studies in the Philosophy of Science*, Vol. 3); J. Agassi, *Towards an Historiography of Science;* M. Polanyi, *Personal Knowledge*. Some useful anthologies are H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science;* M. Bunge (Ed.), *The Critical Approach;* A. J. Ayer (Ed.), *Logical Positivism;* P. A. Schilpp (Ed.), *The Philosophy of Rudolf Carnap;* I. Lakatos (Ed.), *The Problem of Inductive Logic;* M. H. Foster and M. L. Martin (Eds.), *Probability, Confirmation, and Simplicity*. Students should also see the recommended reading for Course 490.

487(a) Scientific Method Class

Fortnightly, Michaelmas and Lent Terms, in conjunction with Course 487.

For B.Sc. (Econ.) Part II, special subject Philosophy (second year).

487(b) Scientific Method Classes

Ten classes, fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

488 History of Modern Philosophy

Professor Watkins. Twenty-four lectures of two hours, Sessional.

For B.Sc. (Econ.) Part II 2nd yr. Optional for 3rd yr.; M.Sc.

Syllabus The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume and Kant considered against the rise of modern science.

Recommended reading TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon;* R. Descartes, *Philosophical Works* (Haldane and Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding;* B. Spinoza, *Correspondence* (Ed. Wolf); *Ethic;* G. W. Leibniz, *Monadology; Discourse on Metaphysics* and *Correspondence with Arnauld; Selections* (Ed. P. P. Weiner); G. Berkeley, *Works* (Eds. A. A. Luce and T. E. Jessop, Vols. II, IV); D. Hume, *Enquiries* and *Treatise* especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics.*
COMMENTARIES: R. H. Popkin, *The History of Scepticism from Erasmus to Descartes;* M. Mandelbaum, *Philosophy, Science and Sense-Perception;* J. W. N. Watkins, *Hobbes's System of Ideas*, chaps. 3, 7, 8; A. Sesonske and N. Fleming (Eds.), *Meta-Meditations: Studies in Descartes;* S. Hampshire, *Spinoza;* C. B. Martin and D. M. Armstrong (Eds.), *Locke and Berkeley;* B. Russell, *The Philosophy of Leibniz;* V. C. Chappell (Ed.), *Hume;* N. Kemp Smith, *The Philosophy of David Hume;* S. Körner, *Kant;* H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

488(a) History of Modern Philosophy Class

Mr Mannu. Twenty meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

489 Philosophy of Science After Kant

Mr Zahar. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. Optional for M.Sc.
Syllabus Problems of demarcation: analytic *versus* synthetic, science *versus* non-science. Euclidean geometry and the

problem of synthetic *a priori* truth. The epistemological status of scientific laws. Positivism and conventionalism (Mach, Duhem, Poincaré). Operationalism (Mach, Bridgman).

Recommended reading I. Kant, *Prolegomena;* E. Mach, *Popular Scientific Lectures;* H. Poincaré, *Science and Hypothesis;* P. Duhem, *Aim and Structure of Physical Theory;* E. Meyerson, *Identity and Reality.*

490 History of Scientific Thought

Mr Zahar. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.; M.Sc.

Syllabus The structure of scientific revolutions, with special reference to the seventeenth century revolution; the main philosophies of science which have accompanied the growth of modern science.

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; Texas Quarterly*, Autumn 1967, X 3 (special issue on Sir Isaac Newton); A. Koyré, *Newtonian Studies; From the Closed World to the Infinite Universe;* E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science;* A. Einstein and L. Infeld, *The Evolution of Physics;* H. Butterfield, *The Origins of Modern Science;* M. Caspar, *Kepler;* A. Koestler, *The Sleepwalkers;* S. Toulmin and J. Goodfield, *The Fabric of the Heavens; The Architecture of Matter; The Discovery of Time;* C. Boyer, *The Concepts 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.*

490(a) History of Scientific Thought Class

Mr Zahar. Sessional.

For B.Sc. (Econ.) Part II.

491 Introduction to Logic

Mr Howson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main fields Maths. and Phil. 1st yr., Maths., Soc.; M.Sc.

Syllabus I An informal analysis of validity of inference, consistency and logical independence. Logical form and interpretation. Syntax and semantics. Truth-functional validity and the existence of an effective decision procedure for it. The absence of a general decision procedure for validity of inference. The introduction of formal rules of proof.
II Axiomatics. The problems of consistency, independence and completeness. Types of consistency proof. Axiomatised logic. The absence of a finite model for arithmetic, and an informal account of the theorems of Gödel and Church.
III The development of semantics, the Liar paradox and the inconsistency of natural languages.

Recommended reading Formal logic: the principal text is P. Suppe's *Introduction to Logic*, of which the first four chapters constitute the formal foundation of the course. Other works which may be consulted are B. Mates, *Elementary Logic*; W. V. O. Quine, *Elementary Logic; Methods of Logic;* I. Copi, *Symbolic Logic*. Other references will be given as the course proceeds.

491(a) Logic Class

Twenty classes. Sessional, in conjunction with Course 491.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Maths. 1st and 2nd yrs., Maths. and Phil. 1st yr., Soc. 1st and 2nd yrs.

491(b) Logic Classes
Ten fortnightly classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

492 Mathematical Logic
Mr Worrall and Mr Howson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Maths.; M.Sc.

Syllabus Elements of informal set theory. Introduction to first order theories. Turing machines. Incompleteness and undecidability. The Completeness Theorem and some of its corollaries.

Recommended reading P. R. Halmos, *Naive Set Theory;* E. Mendelson, *Introduction to Mathemetical Logic;* S. C. Kleene, *Introduction to Metamathematics.* FURTHER READING J. R. Shoenfield, *Mathematical Logic;* A. A. Fraenkel and Y. Bar Hillel, *Foundations of Set Theory;* I. Lakatos, *Infinite Regress and the Foundations of Mathematics* (Arist. Soc. Supplementary Vol., 1962).

492(a) Mathematical Logic Class
Mr Howson and Mr Worrall. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Maths. 2nd yr.

493(i) Boolean Algebras
Dr J. L. Bell. Michaelmas Term.

For M.Sc. Optional for B.Sc. (Maths.) 3rd yr.

Syllabus Lattices. Elementary properties of Boolean algebras. Filters and ultrafilters. Stone representation theorem. Atomic and complete Boolean algebras. Stone spaces of Boolean algebras.

Recommended reading P. R. Halmos, *Lectures on Boolean Algebras;* P. Dwinger, *Introduction to Boolean Algebras.* FURTHER READING R. Sikorski, *Boolean Algebras.*

493(ii) Model Theory
Dr J. L. Bell. Lent Term.

For M.Sc.

Syllabus Gödel-Henkin completeness theorem for first order theories. Löwenheim-Skolem theorems. Ultraproducts and applications.

Recommended reading J. L. Bell and A. B. Slomson, *Models and Ultraproducts: An Introduction.*

493(iii) Axiomatic Set Theory
Dr J. L. Bell. Lent and Summer Terms.

For M.Sc.

Syllabus Axiomatic development of Zermelo-Fraenkel set theory. Definitions by transfinite induction. Constructible sets.

Recommended reading J. L. Krivine, *Théorie Axiomatique des Ensembles;* P. Cohen, *Set Theory and the Continuum Hypothesis.*

494 Philosophy of Mathematics
Professor Lakatos and Mr Worrall. Ten lectures and seminars, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Maths.; M.Sc.

Syllabus Mathematical heuristic. Selected topics in the history of mathematics. The idea of a foundation for mathematics in set theory; the work of Frege, Dedekind and Cantor. The paradoxes of Russell, Cantor and Burali-Forti and the resultant formation of three principal schools: Russell's, Hilbert's and Brouwer's. The decline of Russell's programme for the reduction of mathematics to logic. Hilbert's programme as a positive challenge to Brouwer's intuitionism and the concept of finitary mathematics. Gödel's incompleteness theorems and their effects on Hilbert's programme.

Recommended reading G. Polya, *Mathematics and Plausible Reasoning; Mathematical Discovery;* I. Lakatos, "Proofs and Refutations" (*The British Journal for the Philosophy of Science,* 1963–64); S. Körner, *Introduction to the Philosophy of Mathematics;* H. Putnam

and P. Benacerraf (Eds.), *Readings in the Philosophy of Mathematics;* I. Lakatos (Ed.), *Problems in the Philosophy of Mathematics;* J. Hintikka (Ed.), *Philosophy of Mathematics;* J. van Heijenoort (Ed.), *From Frege to Gödel.*

500 Logic and Methodology I
Mr Worrall. Ten meetings, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

501 Logic and Methodology II
Mr Howson. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

SEMINARS

495 Philosophy and Scientific Method
All members of the department. Sessional.

For M.Sc. and other graduate students. Attendance by permission of Professor Watkins or Professor Lakatos.

496 Scientific Method and Epistemology
Professor Watkins, Mr Howson, Mr Zahar and Mr Worrall. Michaelmas and Lent Terms.

For M.Sc.

497 History of Science
Professor Lakatos, Mr Zahar and Mr Maxwell. Michaelmas and Lent Terms.

For M.Sc.

498 Philosophy of the Social Sciences
Professor Watkins, Mr Klappholz and Mr Latsis. Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Students are expected to have attended Course 486 Introduction to Scientific Method: Social Sciences.

499 Philosophical Problems
Professor Watkins and Mr Zahar. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

The following courses are taught at Chelsea College of Science and Technology and constitute part of the teaching for the M.Sc. in Logic and Scientific Method

Theory of Computability (Recursion Theory)
Dr Machover.

Syllabus Introduction. Recursive functionals and functions; machine computable functionals and functions; equivalence of recursiveness and computability. Fundamental theorems; the arithmetic hierarchy; the recursion (fixed point) theorem. Recursively enumerable sets; recursively separable sets; creative sets; productive sets; discussion of Tarski's theorem on the indefinability of truth and of the Gödel-Rosser incompleteness theorem. Degrees of unsolvability; Post's problem and its solution.

Proof Theory
Dr Machover.

Philosophy of Probability and Statistics
Dr Gillies and Dr Solari.

Mathematical Logic I
Dr Machover.

Mathematical Logic II
Dr Machover.

Topics in the Foundations of Mathematics
Dr Machover.

Political Studies

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465 Government
480 International Relations

Government

(A) Political Theory and the History of Political Thought

510 Political Thought

Mr Minogue. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

Recommended reading will be given at the beginning of the course.

510(a) Classes

Note In addition to Courses 511 to 513, students are referred to Course 569 The Political Philosophy of Plato and Aristotle.

511 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.

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.

512 Political Thought from Hobbes to Burke

Mr Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

Syllabus The course is designed to examine some of the main issues arising in Hobbes, Spinoza, Locke, Rousseau, Hume, Bentham and Burke, particularly the problem of individuality and its political significance. The political thought of these philosophers will be related, where relevant, to their ethical and epistemological positions.

Texts James I, *The Trew Law of Free Monarchies;* F. Bacon, *The Advancement of Learning;* R. Descartes, *Discourse on Method;* T. Hobbes, *Leviathan* (Ed. M. Oakeshott); J. Locke, *Two Treatises of Government* (Ed. P. Laslett); B. Spinoza, *The Political Works* (Ed. W. Wernham); J. Milton, *Areopagitica;* B. de Mandeville, *Fable of the Bees* (Ed. B. Kaye); D. Hume, *Treatise of Human Nature;* Montesquieu, *The Spirit of Laws;* J. J. Rousseau, *The Social Contract;* J. Bentham, *Introduction to the Principles of Morals and Legislation* (Ed. W. Harrison); E. Burke, *Conciliation with the Colonies;* T. Paine, *Rights of Man;* J. Harrington, *Oceana;* G. Savile (Halifax), *The Character of a Trimmer;* J. Swift, *Gulliver's Travels;* W. Godwin, *Political Justice.*

513 Political Thought (Texts)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

Plato: Dr Morrall
Aristotle: Dr Morrall
Marsilius: Dr Morrall
Machiavelli: Mr Minogue
Hobbes: Dr Orr
Locke: Professor Cranston
Rousseau: Mr Charvet
Hegel: Professor Kedourie (not given in 1972-73)
Mill: Mr Thorp

514 Political Philosophy

Professor Cranston, Dr Orr and Dr Rosen. Fourteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus Philosophy: its nature and methods and its place in the study of politics. The origins and grounds of moral judgments. Authority and power. Compulsion, persuasion and consent. Responsibility and punishment. Political obligation. Organic and individualistic theories of political society. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom. Social change and the problem of determinism. Positive and normative laws

in political science. Property and distributive justice. The idea of equality. The nature of ideology. Theoretical foundations of democratic and non-democratic political orders.

Recommended reading C. G. Field, *Political Theory;* J. L. Lucas, *The Principles of Politics;* S. Benn and R. S. Peters, *Social Principles and the Democratic State;* J. D. Mabbott, *The State and the Citizen;* B. Barry, *Political Argument;* H. L. Hart, *The Concept of Law;* T. D. Weldon, *The Vocabulary of Politics;* M. Oakeshott, *Rationalism in Politics;* S. Wolin, *Politics and Vision;* M. Cranston, *Freedom;* E. F. Carritt, *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.*

514(a) Class

Dr Orr. Fortnightly, Lent and Summer Terms, in connection with Course 514.

For *second-year* students.

514(b) Class

Dr Rosen. Fortnightly, Michaelmas and Lent Terms, in connection with Course 514.

For *third-year* students.

515 Contemporary Political Thought

Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms. This course will not be given in 1972-73. It will be given in 1973-74.

For B.Sc. (Econ.) Part II.

Syllabus The European political thinking that has followed upon the rise of popular politics and the growth of industrial society. The part played in this thinking by increased knowledge of the natural world and its technological applications, and by the belief in the existence of laws of history. It thus covers the period from the French and the industrial revolutions to the present day.

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); S. T. Coleridge, *Second Lay Sermon;* St. Simon, *Selected Writings* (Blackwell); K. Marx, *The Communist Manifesto* (Introduction by H. J. Laski); K. Marx and F. Engels, *Basic Writings on Politics and Philosophy* (Ed. L. S. Feuer); J. S. Mill, *On Liberty;* J. S. Mill, *Representative Government;* 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.*
GENERAL READING OR FOR REFERENCE: J. H. Randall, *The Making of the Modern Mind;* J. Schumpeter, *Capitalism, Socialism and Democracy;* J. S. Mill, *Bentham and Coleridge;* J. S. Mill, *Utilitarianism;* J. Talmon, *Political Messianism;* R. H. Tawney, *The Acquisitive Society;* A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in the Nineteenth Century;* R. H. Soltau, *French Political Thought in the Nineteenth Century;* G. de Ruggiero, *The History of European Liberalism;* B. Croce, *History as the Story of Liberty;* R. A. Nisbet, *The Sociological Tradition;* I. M. Zeitlin, *Ideology and the Development of Sociological Theory;* W. Bagehot, *Physics and Politics;* M. Arnold, *Culture and Anarchy;* R. Williams, *Culture and Society 1750–1950;* E. Wilson, *To the Finland Station;* L. T. Hobhouse, *Elements of Social Justice;* G. Wallas, *Human Nature in Politics; Fabian Essays* (Introduction by Asa Briggs); E. Kedourie, *Nationalism;* H. R. G. Greaves, *Foundations of Political Theory;* H. J. Laski, *Grammar of Politics* (chap. 7).

515(a) Class

Mr Thorp and others. In connection with Course 515.

For *second-year* students.

515(b) Class

Mr Thorp and others. Fortnightly, Michaelmas and Lent Terms, in connection with Course 515.

For *third-year* students.

516 Contemporary Political Analysis

Dr Letwin, Mr Barnes and Dr G. F. D. Dawson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and other students by permission.

Syllabus The scientific method and the social sciences. The relevance of scientific method to politics. Politics and the sister social sciences. Behavioural method of analysis: application to politics. Formal theory of decision. Theory of elections. Theory of constitutions. Game theory. Systems analysis. General theory of organizations; structure and function; criteria of optimal organization. Group dynamics. The applicability of theoretical models to political phenomena. Current research.

517 French Political Thought

Professor Cranston. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr. and all interested graduate and undergraduate students.

Syllabus Aspects of French political thought from the late Renaissance until the twentieth century.

Recommended reading will be given at the beginning of the course.

Note The following course will be given in 1973-74.

The Political Thought of Hegel and Marx

Professor Kedourie. Twenty lectures, Sessional.

For undergraduate and postgraduate students.

Syllabus The main lines of Hegel's political thought; the Hegelian tradition and its transformations. The political thought of Marx.

For Marx lectures in 1972-73 see Course 521.

GRADUATE COURSES (*A*)

518 History of Political Thought (Seminar)

Professor Kedourie, Professor Oakeshott, Mr Minogue, Dr Orr and Mr Charvet. Sessional.

For M.Sc.

519 The Philosophy of Ideology

Mr Minogue. Five lectures, Summer Term.

For M.Sc. and other interested students.

Syllabus A discussion of ideological discourse taken as a specific form of political thinking.

520 Political Philosophy (Seminar)

Professor Cranston, Dr Rosen and Dr Orr. Fortnightly, Sessional.

For graduate and other students by permission.

521 Karl Marx: His Life and Thought

Dr McLellan. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and other interested undergraduate and other graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

522 Marxism after Lenin (Seminar)

Mrs de Kadt. Ten meetings, Lent Term.

For all interested graduates. Undergraduates may attend by permission.

523 Russian Political Thought
Mrs de Kadt. Ten lectures, Lent Term; in connection with Course 543.

For graduate students; B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

(B) Politics and Public Administration

525 British Government: an Introduction to Politics
Dr Donoughue, Dr G. W. Jones and Professor Self. Sessional

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Maths., Soc.

Syllabus A study of constitutional government in Britain with some reference, by way of comparison and contrast, to the experience and traditions of other countries (not excluding autocracies); to be treated as a study both of institutions and of the concepts associated with them and their interaction with changes in the social order.
The Revolution of 1688; constitutional monarchy, parliamentary supremacy, separation and balance of power, judicial independence, the rule of law, rights and liberties. Cabinet government and other forms of executive government. Representation and legislation; the House of Commons; parties, opinion, special interests and pressure groups; the House of Lords; second chambers. The expansion of administration; the civil service; departments and statutory bodies; armed forces and police; state economic and social action; discretionary power and safeguards. Local government, decentralisation, federalism. Extension of constitutional government in the Commonwealth.
The double title of this subject is central to it. The juxtaposition is perhaps insufficiently self-explanatory. Those who have studied the government of Britain at 'A' level should not be misled into thinking that they have covered the subject. Although they will be much helped—particularly in what they have learnt about the political institutions of the U.K., where there is certainly a significant overlap—they would do well to appreciate the wider and deeper approach shown below. That approach is analytical rather than descriptive, seeking reasons, explanations and justifications. It may also compare alternative ways of solving specific problems or of recognising what have come to be regarded as basic needs of modern societies, and meeting them. Political studies are concerned with the aims which society, judging from its history, ethic and organization, would seem to set itself in ordering its affairs; with its ways of expressing and developing them; and with the methods or institutions through which they are sought to be achieved—sometimes called the process of government. Political study, regarded as a discipline of enquiry, borrows from several others—such as philosophy, psychology, ethics, history and law or jurisprudence. It deals in "concepts" or ideas (as well as "machinery" or institutions), such as rights, liberties, representation, rule of law, equality, leadership, communication and education. The government of Britain is to be seen as a case-study in this context.

Recommended reading Students will be given details of recommended reading shortly before or after the beginning of the course.

525(a) Classes

526 English Constitutional History since 1660
Mrs Bennett. Thirty lectures of one-and-a-half hours, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus The Restoration: relations between King, Lords and Commons; religious issues. Ministries under Charles II. Impeachment. Ministerial responsibility. Popish Plot, Exclusion Crisis and Royalist reaction. *Habeas corpus*. Prerogative, the suspending and dispensing powers. The armed forces. James II and the Revolution of 1688. The Bill of Rights and the Act of

Settlement. Toleration. William III, ministers and party. Parliament and finance. The Cabinet in the reign of Anne. Politics in the early eighteenth century. The problem of the succession.
The Hanoverians. The King and the Heir Apparent and the Cabinet. Whigs and Tories. Walpole, the premiership and the Commons. The structure of politics.
The constitutional position of George III: his aims and motives. Ministerial instability. The executive and the legislature. Wilkes, the press and parliamentary privilege. The American controversy. Fox-North coalition and the election of 1784. Pitt, George III, the premiership and party in the late eighteenth century. Parliamentary reform. England and the French Revolution. Radicalism and repression. Reform agitation after 1815. The 1832 Reform Bill. Chartism and the Anti-Corn Law League. The electoral system 1832–1867. The reforms of 1867 and 1884. The development of party organization. The monarchy, the premiership and the cabinet in the nineteenth century. Local government. The civil service. Lords and Commons. The rise of the Labour Party. The constitutional crisis of 1911. Ireland and Home Rule. Dominion status.

Recommended reading will be given at the beginning of the course.

527 History of British Politics in the Twentieth Century
Mr Barnes and Dr Donoughue. Fifteen lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

528 The British Parliament
Dr Barker. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

529 The British Cabinet (Seminar)
Dr Regan and Mr Barnes. Lent Term.

For B.Sc. (Econ.) Part II 2nd yr. Graduate students may attend by invitation.

Syllabus Administrative, constitutional and political aspects of the British Cabinet in the twentieth century. Topics covered will include the Cabinet as initiator of legislation, co-ordinator of policy and arbitrator of disputes. Special attention will be paid to the development and operation of the Cabinet Secretariat and the Cabinet Office, Cabinet committees defence machinery, the Cabinet in war.

Recommended reading R. K. Alderman and J. A. Cross, *The Tactics of Resignation: A Study in British Cabinet Government;* L. S. Amery, *Thoughts on the Constitution;* J. Anderson, *The Machinery of Government;* C. R. Attlee, *The Labour Party in Perspective;* F. A. Bishop, *The Administration of Foreign Policy;* J. Bray, *Decision in Government;* S. Brittan, *Steering The Economy;* R. G. S. Brown, *The Administrative Process in Britain;* D. N. Chester (Ed.), *Lessons of the British War Economy;* D. N. Chester and F. M. G. Willson, *The Organization of British Central Government;* R. H. S. Crossman (Ed.), *Walter Bagehot: The English Constitution;* H. Daalder, *Cabinet Reform in Britain;* H. Dalton, *High Tide and After;* J. Ehrman, Cabinet Government and *War 1890–1940;* P. Gordon Walker, *The Cabinet;* W. K. Hancock and M. M. Gowing, *The British War Economy;* Lord Hankey, *Government Control in War; Science and Art of Government;* D. Howell, *A New Style of Government;* N. Hunt (Ed.), *Whitehall and Beyond;* Lord Ismay, *The Memoirs of Lord Ismay;* F. A. Johnson, *Defence by Committee;* T. Jones, *Whitehall Diary;* A. King (Ed.), *The British Prime Minister;* K. Loewenstein, *British Cabinet Government;* W. J. M. Mackenzie and J. Grove, *Central Administration in Britain;* J. P. Mackintosh, *The British Cabinet;* H. Macmillan, *Tides of Fortune;* G. Mallaby, *From My level;* R. K. Middlemas and J. Barnes, *Baldwin: A Biography;* H. Morrison, *Government and Parliament;*

R. K. Mosely, *The Story of the Cabinet Office;* J. C. Ries, *The Management of Defense;* J. H. Robertson, *Reform of British Central Government;* S. W. Roskill, *Hankey: Man of Secrets;* T. Sorenson, *Decision-Making in the White House;* Earl of Swinton, *Sixty Years of Power;* F. Williams, *The Triple Challenge; A Prime Minister Remembers.*

530 British Government and Bureaucracy

Dr G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr. Recommended for B.A./B.Sc. (Soc.) Branch III 2nd yr.

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. The influence of science and technology upon British government. The education of administrators. Comparison with other governmental systems.

Recommended reading A. H. Hanson and M. Walles, *Governing Britain;* J. A. Cross, *British Public Administration;* The Fulton Committee, *The Civil Service* (Cmnd. 3638); R. G. S. Brown, *The Administrative Process in Britain;* R. A. Chapman, *The Higher Civil Service in Britain;* C. H. Sisson, *The Spirit of British Administration;* G. K. Fry, *Statesmen in Disguise;* D. N. Chester and F. M. G. Willson, *The Organisation of British Central Government;* W. J. M. Mackenzie and J. W. Grove, *Central Administration in Britain;* H. Parris, *Constitutional Bureaucracy;* Haldane Report, *Report of the Machinery of Government Committee,* (Cmnd. 9230); H.M.S.O., *The Reorganisation of Central Government* (Cmnd. 4500); S. H. Beer, *Treasury Control;* P. J. O. Self and H. J. Storing, *The State and the Farmer;* H. H. Eckstein, *Pressure Group Politics;* C. P. Snow, *Science and Government;* N. Walker, *Morale in the Civil Service;* P. J. O. Self, *Bureaucracy or Management;* Richard Clarke, *New Trends in Government.*

531 British Political Parties and the Electorate

Mr Barnes and Dr Barker. Nine lectures, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr. and graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

532 British Political Parties and the Electorate (Seminar)

Mr Pickles and Mr Barnes. Summer Term.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and graduate students.

533 Politics and Government of the United Kingdom (Second Year) Class

Dr Barker, Dr Donoughue and Mr Barnes, Michaelmas Term. Mr Barnes, Mrs Bennett and Dr G.F.D. Dawson, Lent Term. Professor Self, Dr J. B. Bourn and Dr Regan, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.

534 Electoral Sociology and Democracy

Dr Nossiter. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and other interested undergraduate and graduate students.

Syllabus The reformed electoral system in nineteenth century Britain: political background; influence, the purse and the social dimensions of voting; radicalism at the poll and on the streets; constituency, region and the nationalisation of politics. Continuities in traditional sources of authority: Bagehot, Shils,

Young and the Monarchy; the deference voter.
Universal suffrage: the debate—political man or sociological man; socialisation and learning; the young voter. The floating vote; opinion polls; mass communications and elections. Changing perspectives on cleavage and consensus in recent research.

Recommended reading B. M. Barry, *Sociologists, Economists, and Democracy;* R. Dahl, *Preface to Democratic Theory;* H. Daudt, *Floating Voters;* V. O. Key, Jr. *The Responsible Electorate;* P. Pulzer, *Political Representation and Elections in Britain;* H. J. Hanham, *Elections and Party Management;* M. Kinnear, *The British Voter;* H. Pelling, *Social Geography of British Elections;* R. T. Mackenzie and A. Silver, *Angels in Marble;* D. Butler and D. Stokes, *Political Change in Britain;* J. G. Blumler and D. McQuail, *Television and Politics;* E. Allardt and S. Rokkan, *Mass Parties;* A. Campbell, *The American Voter.*

535 The Growth and Character of Local Government

Professor Griffith, Dr G. W. Jones and Dr Regan. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; Overseas Service Officers; Dip. Development Admin.; M.Sc. Recommended for B.A./B.Sc. (Soc.) Branch III, 3rd yr. and other graduate students.

Syllabus Principles and practice of the system of local government in England and Wales, including historical development, the structure of local government, internal organization and administration, politics in local government, local finance, functions and areas, local government and the community, regional government, the pattern of local-central relations, local government and politics in big cities, the administration of education, police and other local services, the reform of local government.

Recommended reading K. B. Smellie, *A History of Local Government;* J. Redlich and F. W. Hirst, *The History of Local Government in England* (Ed. B. Keith-Lucas); C. H. Wilson (Ed.), *Essays on Local Government;* P. G. Richards, *The New Local Government System;* R. M. Jackson, *The Machinery of Local Government;* J. G. Bulpitt, *Party Politics in English Local Government;* Mallaby Committee on Staffing, *Report,* 1967; Maud Committee on Management, *Report,* 1967; Evelyn Sharp, *The Ministry of Housing and Local Government;* J. A. G. Griffith, *Central Departments and Local Authorities;* N. P. Hepworth, *The Finance of Local Government;* G. Rhodes, *The Government of London: The Struggle for Reform;* R. Nottage and S. H. H. Hildersley, *Sources of Local Revenue;* J. P. Mackintosh, *The Devolution of Power;* W. A. Robson, *Local Government in Crisis;* Royal Commission on Local Government in London, *Report,* 1960 (Cmnd. 1164); Royal Commission on Local Government in England, *Report,* 1969, Vols. I and II (Cmnd. 4040).

535(a) Class

Dr G. W. Jones and Dr Regan. Lent and Summer Terms in connection with Course 535.

For B.Sc. (Econ.) Part II 2nd yr.

536 Aspects of Comparative Local Government

Dr G. W. Jones. Ten lectures. Lent Term.

For B.Sc. (Econ.) Part II 2nd yr. Overseas Service Officers; Dip. Development Admin.; M.Sc. Recommended for other graduate 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. The first four lectures will deal with the systems of local government in the U.S.A. and France.

Recommended reading S. Humes and E. M. Martin, *The Structure of Local*

Government; A. F. Leemans, *Changing Patterns of Local Government;* A. H. Marshall, *Local Government Finance;* H. F. Alderfer, *Local Goverment in Developing Countries;* M. J. Campbell, T. G. Brierly and L. F. Blitz, *The Structure of Local Government in West Africa;* Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad;* G. S. Blair, *American Local Government;* B. Chapman, *Introduction to French Local Government;* W. A. Robson (Ed.), *Great Cities of the World;* A. H. Walsh, *The Urban Challenge to Government.* Other books and articles will be recommended at the beginning of the course.

537 Comparative Local Government
Dr G. W. Jones. Ten seminars, Lent Term.

For M.Sc. Recommended for graduate and other students interested.

538 Comparative Political Institutions

For B.Sc. (Econ.) Part II 2nd yr.

(i) U.S.A.
Dr Letwin. Five lectures, Michaelmas Term.

(ii) France
Dr Wright. Five lectures, Michaelmas Term.

(iii) U.S.S.R.
Mr Reddaway. Five lectures of one-and-a-half hours, Lent Term.

(iv) Introduction to the Methods of Comparison
Mr Wolf-Phillips. Five lectures of one-and-a-half hours, Lent Term.

(v) Selected Key Topics
Professor Schapiro and other members of the department. Eight lectures of one-and-a-half hours, Summer Term.

538(a) Comparative Political Institutions (Second Year) Classes
Professor Schapiro and other members of the department. Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.

538(b) Comparative Political Institutions (Third Year) Classes
Professor Schapiro and other members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

539 Politics in Africa
Mr Panter-Brick. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.; M.A. area studies—Africa, and others interested.

Syllabus The problem of establishing political authority in a new state, considered analytically and historically. The use made of typologies in explaining the new political system; recent criticisms of these typologies. The role of ideology and theories of elites applied to the politics of new states. An examination of current problems and recent trends, especially military intervention, representative institutions, efficient administration.

Recommended reading L. P. Mair, *New Nations;* R. Emerson, *From Empire to Nation;* A. R. Zolberg, *One-Party Government in the Ivory Coast;* A. R. Zolberg, *Creating Political Order;* J. S. Coleman and C. G. Rosberg (Eds.), *Political Parties and National Integration in Tropical Africa;* W. J. Hanna (Ed.), *Independent Black Africa;* E. Shils, *Political Development in the New States;* Van Den Berghe, *Africa: Social Problems of Change and Conflict;* J. La Palombara, *Bureaucracy and Political Development;* T. Hodgkin, *Nationalism in Colonial Africa;* T. Hodgkin, *African Political Parties;* C. Geertz (Ed.), *Old Societies and New States;* D. E. Apter, *The Politics of Modernisation;* S. P. Huntington, "Political Development and Political Decay" (*World Politics*, January, 1965);

C. S. Whitaker Jr., "The Politics of Tradition" (*World Politics*, January, 1967); D. A. Rustow, *A World of Nations;* M. Kilson, *Political Change in a West African State: Sierra Leone;* P. C. Lloyd, *Africa in Social Change;* M. Janowitz, *The Military in the Political Development of New Nations;* J. M. Lee, *African Armies and Civil Order;* S. Andreski, *The African Predicament: A Study in the Pathology of Modernisation;* S. K. Panter-Brick (Ed.), *Nigerian Politics and Military Rule;* A. R. Luckham, *The Nigerian Military;* S. P. Huntington, *Political Order in Changing Societies;* G. L. Almond and J. S. Coleman, *The Politics of the Developing Areas;* R. O. Collins (Ed.), *Problems in the History of Colonial Africa, 1860-1960.*

540 Politics and Government of New and Emergent States (Class)
Mr Panter-Brick. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

541 Politics and Government of France
Mr Pickles and Dr Wright. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc. and other interested graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

541(a) Politics and Government of France (Class)
Dr Wright. Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.

542 Politics and Government of the U.S.A.
Dr Letwin. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

542(a) Class
Dr Letwin and Dr Rosen. Fortnightly, Michaelmas and Lent Terms, in connection with Course 542.

For *third-year* students.

543 Politics and Government of Russia
Professor Schapiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr. and other interested undergraduate and graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

543(a) Class
Mrs de Kadt. Fortnightly, Michaelmas and Lent Terms, in connection with Course 543.

For *second-year* students.

543(b) Class
Professor Schapiro and Mr Reddaway. Fortnightly, Michaelmas and Lent Terms, in connection with Course 543.

For *third-year* students.

544 Politics and Government of Scandinavia (Denmark, Norway and Sweden)
Dr G. F. D. Dawson. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

544(a) Class
Dr G. F. D. Dawson, Weekly, Summer Term, in connection with Course 544.

For *second-year* students.

545 The Politics and Government of Germany

Dr G. R. Smith. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr. and interested 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 religous balance. Extra-parliamentary opposition. The changing class structure. The division of Germany and its impact on the political scene. The course of relations with the German Democratic Republic. The evolution and implications of the 'Ostpolitik'.

Recommended reading M. Balfour, *West Germany:* K. D. Bracher, *The German Dictatorship;* A. Bullock, *Hitler: A Study in Tyranny:* R. Dahrendorf, *Society and Democracy in Germany;* L. J. Edinger, *Politics in Germany;* E. Eyck, *A History of the Weimar Republic;* A. Grosser, *Germany in Our Time: A Political History of the Post-War Years;* A. J. Heidenheimer, *The Governments of Germany;* G. Lowenberg, *Parliament in The German Political System;* P. M. Merkl, *The Origins of the West German Political System;* F. Neumann, *Behemoth: The Structure and Practice of National Socialism.* A. Nicholls and E. Matthias (Eds.), *German Democracy and the Triumph of Hitler;* J. P. Payne (Ed.), *Germany Today;* G. K. Roberts, *West German Politics:* L. Whetten, *Germany's Ostpolitik.*

GRADUATE COURSES (*B*)

546 Politics and Government of the United Kingdom (Seminar)

Mr Thorp, Dr Barker, Dr Donoughue and Mr Barnes. Sessional.

For M.Sc.

547 Contemporary British History (Seminar)

Mr Barnes, Dr Donoughue and Dr Cook. Michaelmas Term.

For graduate students and second and third year undergraduates by permission.

548 British Politics (Seminar)

Dr Barker and Mr Beattie. Lent and Summer Terms.

For graduate students.

549 Comparative Government (Seminar)

Professor Schapiro, Dr Letwin, Mr Wolf-Phillips and Dr Wright. Sessional.

For M.Sc.

550 The Aims and Methods of Governmental Planning

Professor Self. Eight lectures, Michaelmas Term.

For M.Sc. and other graduate students; Dip. Development Admin. Optional for B.Sc. (Econ.) Part II 2nd yr.; Dip. Soc. Admin. (second year); Dip. Soc. Admin., including Overseas Option (one-year).

Syllabus The modern scope of state activity. Theories of democratic planning and of the relations between the economic process and the political process. Types and levels of governmental planning. The location and functioning of planning units, and the organization of planning machinery. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Methods of planning and the implementation of plans.

Recommended reading will be announced weekly.

550(a) The Machinery of Governmental Planning (Seminar)

Dr G. W. Jones. Michaelmas Term, in conjunction with Course 550.

For Dip. Development Admin.; M.Sc.

Syllabus The seminar will discuss the organization of governmental planning in a number of countries developed and developing.

551 An Introduction to Administrative Theories

Professor Self and Dr Regan. Ten lectures, Summer Term.

For M.Sc.; B.A./B.Sc. (Soc.) Branch III 2nd yr. and other graduate and undergraduate students interested.

Syllabus An introduction to the theoretical approach to public administration, including concepts of scientific management, organization theories and administrative sociology. Administrative issues considered in the light of theories.

Recommended reading P. Meyer, *Administrative Organisation;* L. Gulick and L. Urwick, *Papers on the Science of Administration;* H. A. Simon, *Administrative Behaviour* (2nd edn.); C. E. Lindblom and D. Braybrooke, *The Policy Making Process;* Rosemary G. Stewart, *The Reality of Management;* J. G. March and H. A. Simon, *Organisations;* K. Boulding, *The Organisational Revolution;* D. Waldo, *The Administrative State;* R. Likert, *New Patterns of Management;* G. Vickers, *The Art of Judgement; Towards a Sociology of Management;* A. Etzioni, *Modern Organisations,* M. Albrow, *Bureaucracy;* N. P. Mouzelis, *Organisation and Bureaucracy;* M. Crozier, *The Bureaucratic Phenomenon.* Further reading will be given during the course.

552 Administrative Organization and Behaviour

Professor Self. Eight lectures, Michaelmas Term.

For M.Sc. and other interested graduate students. Suitable for third year undergraduates.

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 a performance; administrative reform.

Recommended reading P. Self, *Administrative Theories and Politics;* J. D. Millet, *Organization for the Public Service;* F. Heady, *Public Administration: A Comparative Perspective;* A. Etzioni, *Modern Organisations;* R. G. S. Brown, *The Administrative Process in Britain;* H. Seidman, *Politics, Position and Power;* L. C. Gawthrop, *Bureaucratic Behaviour in the Executive Branch;* F. F. Ridley and J. Blondel, *Public Administration in France;* M. Crozier, *The Bureaucratic Phenomenon;* Richard Clarke, *New Trends in Government.*

553 Urban and Regional Planning: Politics and Administration

Professor Self, Dr G. W. Jones and Dr Regan. Fifteen lectures, Lent and Summer Terms.

For M.Sc.

Syllabus (a) The history and development of urban and regional planning. The evolution of public policies, legislation and government organization.
(b) The present system of planning administration, including plan making and implementation, and central-local relations.
(c) The politics of urbanisation and of the planning process.
(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.
(e) Theories of the purposes and character of urban and regional planning. Methods of regional planning. Comparisons between British and other systems.

Recommended reading

A. Town and Country Planning

A. Altshuler, *The City Planning Process;* W. Ashworth, *The Genesis of Modern British Town Planning;* J. B. Cullingworth, *Town and Country Planning in England and Wales* (2nd edn.); D. Foley, *Controlling London's Growth;* H. J. Gans, *People and Plans;* S. Greer, *The Emerging City;* J. A. G. Griffith, *Central Departments and Local Authorities* (chap. 5); Peter Hall, *London 2,000* (2nd edn.); D. Heap, *An Outline of Planning Law* (5th edn.); Jane Jacobs, *The Life and Death of Great American Cities;* D. R. Mandelker, *Green Belts and Urban Growth;* M. Meyerson and E. Banfield, *Politics, Planning and Public Interest;* Ministry of Housing and Local Government, *The Future of Development Plans;* F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis;* F. F. Rabinovitz, *City Politics and Planning;* P. Self, *Cities in Flood: the Problems of Urban Growth* (2nd edn.); Metropolitan Planning: *The Planning System of Greater London;* Skeffington Committee, *People and Planning;* J. Tetlow and A. Goss, *Homes, Towns and Traffic* (2nd edn.).

B. Regional and Economic Planning

J. R. Boudeville, *Regional Economic Planning;* G. C. Cameron and B. D. Clark, *Industrial Movement and the Regional Problem;* G. C. Cameron and G. L. Reid, *Scottish Economic Planning and the Attraction of Industry;* R. E. Dickinson, *The City Region in Western Europe;* J. Friedman and W. Alonso, *Regional Development and Planning;* J. and A. M. Hackett, *Economic Planning in France;* Hunt Committee, *The Intermediate Areas* (Cmnd. 3998); G. McCrone, *Regional Policy in Britain;* Joan Mitchell, *Groundwork to Economic Planning;* G. Myrdal, *Economic Theory and Underdeveloped Regions;* F. Oules, *Economic Planning and Democracy;* S. C. Orr and J. B. Cullingworth (Eds.), *Regional and Urban Studies;* P.E.P., *Regional Development in the European Economic Community;* B. C. Smith, *Regionalism in England,* 3 Vols.; J. Tinbergen, *Central Planning;* T. Wilson, *Papers on Regional Development; Policies on Regional Development;* Peter Hall, *The Theory and Practice of Regional Planning;* T. McGee, *The Urbanisation Process in the Third World;* F. Shaffer, *The New Town Story;* Ray Thomas, *London's New Towns; Aycliffe to Cumbernauld;* M. M. *Watson, Regional Development Policy and Administration in Italy;* R. E. Wraith and G. B. Lamb, *Public Inquiries as an Instrument of Government.*

553(a) Urban and Regional Planning: Politics and Administration (Seminar)

Professor Self, Dr G. W. Jones and Dr Regan. Sessional.

For M.Sc. Other students may attend only by permission.

554 Public Enterprise

Professor Robson. Eight lectures, Michaelmas Term.

For M.Sc.; Dip. Development Admin. Also for B.Sc. (Econ.) Part II 3rd yr.

Syllabus The distinctive features of public enterprise. Ideological and material influences determining the extent and scope of public enterprise in different countries. The principal spheres of public

undertakings. The motives of State intervention. The role of public enterprise in a mixed economy.
The principal types of institution used for administering public enterprises. Government departments, local authorities, joint stock companies etc. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board.
The theory and practice of public corporations. Mixed enterprise.
International public enterprise and mixed enterprise. The impact of the E.E.C. on nationalised industry.
The organization and management of public undertakings. Types of structure. Control and accountability. Financial and price policy. Relations with Parliament, Ministers, the courts etc. Consumers and consumer councils. Labour relations and joint consultation. Competition, conflict and monopoly in the public sector.
The aims and purposes of public enterprise. Rival concepts. The criteria of performance. Favourable and adverse conditions for the operation of public enterprise. Recent developments and new approaches.

Recommended reading W. A. Robson, *Nationalized Industry and Public Ownership;* W. A. Robson (Ed.), *Problems of Nationalized Industry;* A. H. Hanson (Ed.), *Nationalization;* A. H. Hanson, *Parliament and Public Ownership;* A. H. Hanson, *Public Enterprise and Economic Development;* C. Foster, *Politics, Finance and the Role of Economics;* M. Shanks (Ed.), *The Lessons of Public Enterprise;* M. V. Posner and S. J. Woolf, *Italian Public Enterprise;* A. Chazel and H. Poyet, *L'Economie Mixte;* D.Coombes, *The Member of Parliament and the Administration; State Enterprise—Business or Politics;* R. Pryke, *Public Enterprise in Practice;* W. Thornhill, *The Nationalised Industries;* W. Friedmann and J. F. Garner (Eds.), *Government Enterprise;* Select Committee on Nationalised Industries, *Report on the Post Office,* 1967; *Report on Ministerial Control,* session 1967-68; G. S. Bhalla, *Financial Administration of Nationalised Industries in U.K. and India;* Centre Européen de l'Entreprise Publique, *Les entreprises dans la communauté économique Européenne;* Collège d'Europe, *Public Enterprises and Competition; Rapport sur les Entreprises Publiques* (NORA Report, Paris, 1967).

555 Problems of Public Enterprise (Seminar)

Professor Robson. Eight meetings, Michaelmas Term.

For M.Sc.
Undergraduates may be admitted by permission.

556 Public Administration (Seminar)

Professor Self, Professor Griffith, Dr G. W. Jones and Dr Regan. Sessional.

For M.Sc.

557(i) The British Civil Service (Seminar)

Professor Self, Dr G. W. Jones and Dr Regan. Lent Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II 3rd yr.; M.Sc.
The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

557(ii) Local Government (Seminar)

Dr G. W. Jones. Five meetings, Summer Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II 2nd yr; M.Sc.
Contributors will include those with experience of local government.

558 International Politics of Africa

Mr Panter-Brick and Mr Mayall. Ten lectures, Michaelmas Term.

For M.Sc.; M.A. Area Studies—Africa.

Syllabus The various groupings, associations and alignments within the Pan-African movement. Problems of national integration and of state frontiers. The present basis, character and extent of inter-state co-operation. The concepts of

non-alignment, neutralism and neo-colonialism. Special relationships with the Commonwealth, Britain, France, the European Economic Community. Problems concerning foreign trade and foreign aid. Policies within the United Nations. Great Power policies towards Africa.

Recommended reading C. Legum, *Pan-Africanism;* Doudou Thiam, *The Foreign Policy of African States;* R. C. Lawson, *International Regional Organisations, Part V: Africa;* N. J. Padelford and R. Emerson (Eds.), *Africa and World Order;* V. McKay (Ed.), *African Diplomacy: Studies in the Determinants of Foreign Policy;* K. Nkrumah, *Africa Must Unite;* I. Wallerstein, *Africa: the Politics of Unity;* Ali Mazrui, *Towards a Pax Africana;* I. W. Zartman, *International Relations in the New Africa;* A. Hazlewood (Ed.), *African Integration and Disintegration;* Z. Cervenka, *The Organisation of African Unity and its Charter;* C. G. Widstrand, *African Boundary Problems;* G. de Lusignan, *French Speaking Africa since Independence*, Part 3; Z. Bezenski, *Africa and the Communist World;* A. Tevoedjre, *Pan-Africanism in Practice;* P. Robson, *Economic Integration in Africa;* W. A. Nielsen, *The Great Powers and Africa;* J. Mayall, *Africa: The Cold War and After;* I. W. Zartman, *The Politics of Trade Negotiations Between Africa and the European Economic Community;* D. Rothchild (Ed.), *Politics and Integration: An East African Documentary.*
For articles consult *International Affairs; World Today; International Organisation; Journal of Modern African Studies* and *Africa Report.*

Students should also attend Course 621 Foreign Relations of African States.

559 France: Politics and Administration (Seminar)

Dr Wright. Lent and Summer Terms.
See also Course 541.

For M.Sc. and other interested graduate students.

560 West European Studies (Interdepartmental Seminar)

Dr G. F. D. Dawson, Mr Taylor and Dr Wright. Fortnightly, Sessional.

For interested graduate students.
The purpose of this seminar will be to explore problems of modernisation and change in contemporary Western Europe.

561 Politics and Government of Scandinavia (Seminar)

Dr G. F. D. Dawson. Fortnightly, Sessional.

For M.Sc.
Students may have difficulty without at least some knowledge of one of the Scandinavian languages.

562 Soviet Problems

Professor Schapiro and Mr Reddaway will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under their supervision. Others may attend strictly by invitation.

563 Government and Politics in Eastern Europe (Seminar)

Mr Blit. Michaelmas and Lent Terms.

For graduate students. Undergraduates may attend by permission.

564 Russian Politics and Political Thought (Seminar)

Professor Schapiro, Mr Reddaway and Mrs de Kadt. Sessional.

For M.Sc. and other graduate students.
The seminar will be concerned mainly with the syllabus for M.Sc.: *The Politics and Government of Russia*, but other interested graduate students may attend by arrangement.

565 Seminar

Professor Greaves. Michaelmas and Lent Terms, on a subject to be arranged. This course will not be given in 1972-73. It will be given in 1973-74.

For graduate students.

566 Politics and Government of the Middle East

Professor Kedourie. Ten lectures. This course will not be given in 1972-73.

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. Farki, "*Şeriat* as a Political Slogan" (*Middle Eastern Studies*, Vol. 7. No. 3. October 1971); H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck and B. Winder (Eds.), *The World of Islam;* S. G. Haim, *Arab Nationalism;* A. Hourani, *Arabic Thought in the Liberal Age, 1798-1939;* A. Hertzberg, *The Zionist Idea;* J. C. Hurewitz, *The Struggle for Palestine;* K. Karpat, *Turkey's Politics;* N. R. Keddie, *An Islamic Response to Imperialism;* E. Kedourie, *England and the Middle East; The Chatham House Version; Afghani and 'Abduh;* 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;* 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).

567 Government and Politics in Latin America

Mr Moseley-Williams. Fifteen lectures, Michaelmas and Lent Terms.

For graduate students. Also recommended for B.Sc. (Econ.) Part II 3rd yr.

Syllabus Political institutions, parties and major elites of the countries of Latin America.

Recommended reading will be given at the beginning of the course.

568 Contemporary Politics in Selected Latin American Countries

Mr Moseley-Williams. Ten seminars, Lent Term.

For graduate students. Undergraduates may be admitted by arrangement.

569 The Political Philosophy of Plato and Aristotle

Dr Rosen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.). Part II 3rd yr. and other interested undergraduate and graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

International Relations

580 Structure of International Society

Mr James. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

Syllabus The purpose of this course is to promote a deeper understanding of international relations. It will examine the context within which sovereign States are able to engage in continuous and complex relations with one another, discuss the character of those relations, analyse the ingredients of foreign policy and the means by which it is executed, enquire into the circumstances which engender harmony and discord between States, and consider some proposals which have been made for the better ordering of the international society.

Recommended reading C. A. W. Manning, *The Nature of International Society;* J. Frankel, *International Politics: Conflict and Harmony;* R. Aron, *Peace and War;* K. J. Holsti, *International Politics;* H. J. Morgenthau, *Politics Among Nations;* E. H. Carr, *Twenty Years' Crisis;* F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations;* R. J. M. Wight, *Power Politics;* G. Barraclough, *An Introduction to Contemporary History;* L. Henkin, *How Nations Behave;* O. J. Lissitzyn, *International Law Today and Tomorrow;* J. Frankel, *National Interest;* F. S. Northedge (Ed.), *The Foreign Policies of the Powers;* L. J. Halle, *The Nature of Power;* A. Wolfers, *Discord and Collaboration;* I. L. Claude, *Power and International Relations;* A. Buchan, *War in Modern Society;* J. Herz, *International Politics in the Atomic Age;* R. Ogley (Ed.), *The Theory and Practice of Neutrality in the Twentieth Century;* P. A. Reynolds, *An Introduction to International Relations;* A. M. Scott, *The Revolution in Statecraft;* E. Kedourie, *Nationalism;* G. Stern, *Fifty Years of Communism;* M. D. Shulman, *Beyond the Cold War;* H. Bull, *The Control of the Arms Race;* M. Wright, *Disarm and Verify;* M. Katz, *The Relevance of International Adjudication;* K. J. Twitchett (Ed.), *International Security;* I. L. Claude, *The Changing United Nations;* H. G. Nicholas, *The United Nations as a Political Institution;* H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations;* K. N. Waltz, *Man, the State and War.*

580(a) Structure of International Society (Class)

Members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ) Part I.

581 The International Political System

Professor Northedge. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Geog.; M.Sc. and other graduate students.

Syllabus The emergence and organization of the modern system of sovereign States. The political process in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the forms of political relationship between States. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

Recommended reading F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations;* S. Hoffmann (Ed.), *Contemporary Theory in International Relations;* H. and M. Sprout, *Foundations of International Politics;* M. A. Kaplan (Ed.), *The Revolution in World Politics;* F. H. Hinsley, *Power and the Pursuit of Peace;* F. S. Northedge and M. D. Donelan, *International Disputes: The Political Aspects;* R. Niebuhr, *The Structure of Nations and Empires;* E. M. Winslow, *The Pattern of Imperialism;* H. Seton-Watson, *The New Imperialism*; R. Emerson, *From Empire to Nation;* A. Cobban, *National Self-Determination;* C. J. H. Hayes, *The Historical Evolution of*

Modern Nationalism; I. Claude, *Power and International Relations;* F. H. Hartmann, *The Relations of Nations* (2nd edn.); A. B. Bozeman, *Politics and Culture in International History;* L. J. Halle, *The Nature of Power;* E. V. Gulick, *Europe's Classical Balance of Power;* A. F. K. Organski, *World Politics* (2nd edn.); G. A. Lipsky (Ed.), *Law and Politics in the World Community;* L. C. V. Crabb, *Nations in a Multi-polar World;* C. L. Robertson, *International Politics Since World War II;* A. Wolfers, *Discord and Collaboration;* R. Aron, *Peace and War;* K. J. Holsti, *International Politics.*

581(a) International Politics (Class)

Mr G. H. Stern and others. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs., B.Sc. c.u. main field Geog.

582 Foreign Policy Analysis

Professor Goodwin. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. and other graduate students.

Syllabus A discussion of the nature of foreign policy as an activity. Such aspects as the following will be considered: the terms used in the analysis and practice of foreign policy; purposes, aims and determinants of foreign policy; internal and external influences; problems of co-operation, conflict and dispute with other states; methods of implementing foreign policy; problems of organization.

Recommended reading F. S. Northedge (Ed.), *The Foreign Policies of the Powers;* J. Frankel, *The Making of Foreign Policy;* P. Renouvin and J. B. Duroselle, *An Introduction to the History of International Relations;* R. E. Jones, *Analysing Foreign Policy;* D. Wilkinson, *Comparative Foreign Relations;* H. Nicolson, *Diplomacy;* R. Osgood and R. Tucker, *Force, Order and Justice;* M. Beloff, *Foreign Policy and Democratic Politics;* K. London, *The Making of Foreign Policy, East and West;* V. McKay (Ed.), *African Diplomacy;* K. Deutsch, *The Nerves of Government;* J. N. Rosenau (Ed.), *International Politics and Foreign Policy,* revised edn; K. Waltz, *Foreign Policy and Democratic Politics;* J. H. de Rivera, *The Psychological Dimension of Foreign Policy;* R. C. Snyder *et al*, (Eds.), *Foreign Policy Decision Making.*

582(a) Foreign Policy Analysis (Class)

Professor Goodwin, Mr G. H. Stern and Dr Leifer.

For B.Sc. (Econ.) Part II 3rd yr.

583(i) The Foreign Policies of the Powers

Members of the department and Mrs Pickles. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc. and other graduate students.

Syllabus An analysis of the foreign policies of a selected group of major States, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period. The United States, the United Kingdom, the Soviet Union, France, China, India, the German Federal Republic and Indonesia will be considered in the session 1972–73.

Recommended reading

(a) THE UNITED STATES: J. W. Spanier, *American Foreign Policy since World War II;* M. Donelan, *The Ideas of American Foreign Policy;* B. Sapin, *The Making of United States Foreign Policy;* A. Scott and R. Dawson, *Readings in the Making of American Foreign Policy;* R. Neustadt, *Presidential Power;* H. Jackson (Ed.), *The National Security Council;* J. Robinson, *Congress and Foreign Policy Making;* F. Wilcox, *Congress, The Executive, and Foreign Policy;* R. Bauer *et al*, *American Business and Public Policy;* A. Yarmolinsky, *The Military Establishment;* E. Plischke, *The Conduct of American Diplomacy.*

(b) THE UNITED KINGDOM: Lord Strang,

Britain in World Affairs; Lord Strang, *The Foreign Office;* F. S. Northedge, *British Foreign Policy, 1945–1961*; D. G. Bishop, *The Administration of British Foreign Relations;* F. S. Northedge, *The Troubled Giant.*

(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.*

(d) FRANCE: G. de Carmoy, *The Foreign Policies of France, 1944–1968;* F. R. Willis, *France, Germany and the New Europe, 1945–1963;* J. Newhouse, *De Gaulle and the Anglo-Saxons;* N. Waites (Ed.), *Troubled Neighbours.* J. Furniss, *France Troubled Ally;* W. W. Kulski, *De Gaulle and the World;* A. Grosser, *Foreign Policy Under de Gaulle.*

(e) CHINA: J. Chen, *Mao and the Chinese Revolution;* S. R. Schramm, *Political Thought of Mao Tse-tung;* D. Barnett, *Communist China and Asia;* D. Zagoria, *The Sino-Soviet Conflict;* A. M. Halpern, *Policies Towards China;* C. P. Fitzgerald, *The Chinese View of their Place in the World.*

(f) INDIA: A. Appadorai, "The Foreign Policy of India" in J. E. Black and K. W. Thompson (Eds.), *Foreign Policies in a World of Change;* A. Appadorai, "Indian Diplomacy" in S. D. Kertesz and M. A. Fitzsimons (Eds.), *Diplomacy in a Changing World;* J. S. Bains, *India's International Disputes;* J. V. Bondurant, *Conquest of Violence: The Gandhian Philosophy of Conflict;* R. N. Berkes and M. S. Bedi, *Diplomacy of India;* M. Brecher, *Nehru, a Political Biography;* C. A. Fisher, *South-East Asia: A Social, Economic and Political Geography;* A. Lamb, *The China-India Border;* Neville Maxwell, *India's China War;* K. Satchidananda Murty, *Indian Foreign Policy;* J. Nehru, *An Autobiography;* J. Nehru, *The Discovery of India;* J. Nehru, *Speeches* (various edns., but especially the single-volume collection, 1947–1961); Lok Sabha Secretariat, *Foreign Policy of India*, Texts of Documents, 1947–1959; T. G. P. Spear, *India: A Modern History.*

(g) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy;* R. Hiscocks, *Democracy in Western Germany;* A. Grosser, *Western Germany;* K. Deutsch and L. Edinger, *Germany Rejoins the Powers;* G. Freund, *Germany between Two Worlds;* H. Plessner, *Die verspätete Nation.*

(h) 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;* A. Lijphart, *The Trauma of Decolonization: The Dutch and West New Guinea;* G. Modelski (Ed.), *The New Emerging Forces;* A. C. Brackman, *Southeast Asia's Second Front;* D. E. Weatherbee, *Ideology in Indonesia: Sukarno's Indonesian Revolution;* F. B. Weinstein, *Indonesia Abandons Confrontation.*

583(ii) Sino-American Relations

Dr Kalicki. Five lectures, Summer Term.

For undergraduate and graduate students interested.

Syllabus China and the West; the clash of values. The traditional modes of Sino-American relations. The crisis mode of Sino-American relations. China, the United States and the international system.

Recommended reading J. K. Fairbank, *The United States and China* (1958 edn.,); H. Feis, *The China Tangle: The American Efforts in China from Pearl Harbor to the Marshall Mission;* Fred Greene, *U.S. Policy and the Security of Asia;* A. W. Griswold, *The Far Eastern Policy of the United States;* Richard Harris, *America and East Asia: A New 30 Years War?;* A. Huck, *The Security of China: Chinese Approaches to Problems of War and Strategy;* G. F. Kennan, *American Diplomacy, 1900–1950;* Ssu-yü Teng and J. K. Fairbank (Eds.), *China's Response to the West: A Documentary Survey 1839–1923;* A. T. Steele, *The American People and China;* A. S. Whiting, *China Crosses the Yalu: The Decision to Enter the Korean War.*

584 New States in World Politics

Dr Lyon. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc. and other graduate students.

Syllabus The central theme of the course will be the part played by new states in international order. Modern international history presents three main waves of new state making and these have each been consequent upon the collapse of imperial orders: (1) in Latin America in the early nineteenth century; (2) in Eastern Europe at the end of the First World War and in its aftermath; (3) in Asia and Africa, and elsewhere, since 1945. This course will mostly be concerned with the third of these phases, but it will begin by looking briefly at the two earlier phases to provide a historical perspective and some bases for comparison.

Recommended reading C. E. Black, *The Dynamics of Modernization, A Study in Comparative History;* P. Calvocoressi, *New States and World Order;* K. W. Deutsch and W. S. Foltz (Eds.), *Nation-Building;* S. E. Finer, *The Man on Horseback;* S. Huntington, "Political Development and Political Decay" (*World Politics*, April 1965); P. H. Lyon, *Neutralism;* F. R. von der Merden, *Politics of Developing Nations;* J. D. B. Miller, *The Politics of the Third World;* W. C. McWilliams, *Garrisons and Government, Politics and the Military in New States;* D. Rustow, *A World of Nations;* D. Apter, *The Politics of Modernization;* G. H. Jansen, *Afro-Asia and Non-Alignment;* E. Kedourie, *Nationalism.*

585 The International Relations of Southern Asia

Dr Leifer. Ten lectures, Michaelmas Term.

For M.Sc. and other graduate students.

Syllabus Regional conventions and political realities. World order and regional order. Transfers of power and problems of international status. Great powers' interests and sponsorship: (i) Communist ideas and practice (ii) The American alliance system. Asian responses: alignment and non-alignment. Irredenta, ideology and intraregional conflicts. Internal war and external intervention. National security and intra-regional association.

Recommended reading M. Brecher, *The New States of Asia;* G. Myrdal, *Asian Drama*, Vol. I; D. E. Kennedy, *The Security of Southern Asia;* C. B. McLane, *Soviet Strategies in S.E. Asia;* H. C. Hinton, *Communist China in World Politics;* R.I.I.A., *Collective Defence in S.E. Asia;* G. Modelski (Ed.), *SEATO: Six Studies;* F. Greene, *U.S. Policy and The Security of Asia;* B. K. Gordon, *The Dimensions of Conflict in S.E. Asia;* W. Levi, *The Challenge of World Politics in South and Southeast Asia;* P. H. Lyon, *War and Peace in S.E. Asia;* G. H. Jansen, *Afro-Asia and Non-Alignment;* A. Lamb, *Asian Frontiers.*

586 The Great Powers and the Middle East

Dr Hirszowicz. Seven lectures, Lent Term.

For undergraduate and graduate students interested.

Syllabus A survey and analysis of the contemporary significance of the Middle East within a context of great power relations. Concentration upon basic great power interests and relations in the area and upon the interplay between Middle East domestic and international politics.

Recommended reading will be given at the beginning of the course.

587 International Institutions

Mr James and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.; M.Sc. and other graduate students.

Syllabus The place of international institutions, both quasi-universal (e.g. the League of Nations and the United Nations) and regional, in the international political system and in the foreign policies of their members. The growth and forms of international institutional co-operation:

association, co-ordination and integration. Collective security and the balance of power. The development of international "peace-keeping" forces. Factors making for cohesion and disintegration in regional diplomatic systems and in military alliances. The role of international economic institutions in international trade and economic development. The policy-making role of international secretariats.

Recommended reading J. G. Plano and R. E. Riggs, *Forging World Order;* L. M. Goodrich, *The United Nations;* R. B. Russell, *The United Nations and United States Security Policy;* A. Boyd, *United Nations: Piety, Myth, and Truth*, 2nd edn., 1964; N. J. Padelford and L. M. Goodrich (Eds.), *The United Nations in the Balance: Accomplishments and Prospects;* K. J. Twitchett (Ed.), *The Evolving United Nations: A Prospect for Peace?;* I. L. Claude, *Swords into Plowshares*, 4th edn., 1971; A. Zimmern, *The League of Nations and the Rule of Law*, 2nd edn., 1939; C. A. Cosgrove and K. J. Twitchett (Eds.), *The New International Actors;* J. G. Stoessinger, *The United Nations and the Super Powers*, 2nd edn., 1969; M. S. and L. S. Finkelstein (Eds.), *Collective Security;* J. Larus (Ed.), *From Collective Security to Preventive Diplomacy;* H. G. Nicholas, *The United Nations as a Political Institution*, 4th edn., 1970; F. P. Walters, *A History of the League of Nations;* L. P. Bloomfield (Ed.), *International Military Forces;* A. James, *The Politics of Peace-keeping;* L. Gordenker, *The United Nations Secretary-General and the Maintenance of Peace;* A. W. Rovine, *The First Fifty Years: The Secretary-General in World Politics 1920-1970;* I. L. Claude, *The Changing United Nations;* D. A. Kay, *The New Nations in the United Nations 1960-1967;* Y. El-Ayouty, *The United Nations and Decolonisation: The Role of Afro-Asia;* S. Wells, *International Economics;* K. Kock, *International Trade Policy and the GATT;* F. Hirsch, *Money International*, revised edn., 1970; Stephen Cohen, *International Monetary Reform, 1964–69: the Political Dimension;* R. Gardner and M. Millikan (Eds.), *The Global Partnership: International Agencies and Economic Development;* C. Kindleberger, *Power and Money;* M. Camps, *European Unification in the Sixties;* A. Hazlewood, *African Integration and Disintegration;* G. Adler-Karlsson, *Western Economic Warfare: A Case Study in Foreign Economic Policy;* R. Cooper, *Economics of Interdependence;* G. Liska, *Nations in Alliance;* R. E. Osgood, *Alliances and American Foreign Policy;* R. Hunter, *The Security of Europe;* M. Mackintosh, *The Evolution of the Warsaw Pact;* R. E. Neustadt, *Alliance Politics;* J. Slater, *The O.A.S. and U.S. Foreign Policy;* O. C. Stoetzer, *The Organization of American States;* G. Connell-Smith, *The Inter-American System;* I. W. Zartman, *International Relations in the New Africa;* Z. Cervenka, *The Organization of African Unity and its Charter;* B. K. Gordon, *Towards Disengagement in Asia;* S. D. Bailey, *Prohibitions and Restraints in War;* E. Luard (Ed.), *The International Protection of Human Rights;* U.N., *Basic Problems of Disarmament: Reports of the Secretary-General; The United Nations and Disarmament, 1945–1970.*

587(a) International Institutions (Class)

Fifteen Classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

587(b) International Institutions (Class)

Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

588 Theories of International Institutional Co-operation

Mr Taylor. Ten lectures, Lent and Summer Terms.

For M.Sc.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.

Syllabus An examination of the major theories about the origins, shape and purpose of international institutions in international society. Theories linking the tasks of international institutions with the problems of world order: international

integration, sovereignty and community building; multilateral diplomacy, peaceful change and the compatibility of state interests.

Recommended reading A. Etzioni, *Political Unification: A Comparative Study of Leaders and Forces;* E. B. Haas, *Beyond the Nation State;* J. P. Sewell, *Functionalism and World Politics;* G. Myrdal, *Beyond the Welfare State;* W. Foote, *Dag Hammarskjold: Servant of Peace;* C. W. Jenks, *The Common Law of Mankind;* K. Deutsch, *Political Community in the North Atlantic Area;* G. Clark and L. Sohn, *World Peace through World Law.*

588(a) Theories of International Institutional Co-operation (Class)

Mr Taylor. Four or five meetings, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

589 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus The emergence of the European Community: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.–O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supra-nationality. The Federalist, the Con-federalist and the Functionalist approaches to the integration of the Six. European security and European integration.

Recommended reading M. Beloff, *Europe and the Europeans; Europe Unites; The Story of the Campaign for European Unity;* C. Grove Haines (Ed.), *European Integration;* Political and Economic Planning, *European Unity;* M. Camps, *Britain and the European Economic Community;* M. Camps, *European Unification in the Sixties: From the Veto to the Crisis;* J. Deniau, *The Common Market;* L. N. Lindberg and S. Scheingold, *Europe's Would-Be Polity;* U. W. Kitzinger, *The Challenge of the Common Market;* W. Pickles, *Not With Europe; How Much Has Changed?;* S. Holt, *The Common Market;* A. Spinelli, *The Eurocrats;* J. Newhouse, *Collision in Brussels: the Common Market Crisis of 30 June 1965;* S. Bodenheimer, *Political Union: a Microcosm of European Politics.*

589(a) The Politics of Western European Integration (Class)

Mr Taylor. Four or five meetings, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

590 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their inter-relations and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform, Comecon and the Warsaw Pact; the effectiveness of these organizations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Recommended reading F. Borkenau, *World Communism;* Z. K. Brzezinski, *The Soviet Bloc;* E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919–1939;* W. C. Clemens, *The Arms Race and Sino-Soviet Relations;* J. Degras (Ed.), *The Communist International 1919–1943: Documents*, Vols. I, II and III; I. Deutscher, *Stalin;* K. Grzybowski, *The Socialist Commonwealth of Nations;* M. Kaser, *Comecon;* J. H. Kautsky, *Communism and the Politics of Development;* G. F. Kennan, *Russia and the West under Lenin and Stalin;* R. Loewenthal, *World Communism: the Disintegration of a Secular Faith;* R. H. McNeal (Ed.), *International Relations Among Communists;* S. Schram, *The Political Thought of Mao Tse-tung;*

G. H. N. Seton-Watson. *The Pattern of Communist Revolution;* R. F. Staar, *The Communist Regimes in Eastern Europe;* G. H. Stern, *Fifty Years of Communism;* D. W. Treadgold (Ed.), *Soviet and Chinese Communism: Similarities and Differences;* G. Wint, *Communist China's Crusade.*

591 Sovereignty

Mr James. Five lectures, Lent Term.

For second and third-year undergraduate and graduate students.

Syllabus An examination of the uses and implications of the concept of sovereignty as applied to the state in its international aspect.

Recommended reading will be given during the course.

Note Courses 592-601 are open to all students taking the special subject International Relations in Part II of the B.Sc. (Econ.) degree as well as to M.Sc. and other graduate students.

592 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus (i) the growth of the international economy and its political implications (ii) economic nationalism and regionalism in the international economy (iii) problems of political control of the contemporary international economy (iv) economic factors in the formulation of foreign policy (v) economic resources and foreign policy (vi) economic instruments of foreign policy.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850;* C. Kindleberger, *Power and Money;* A. Harrison, *The Framework of Economic Activity;* K. Polanyi, *The Great Transformation;* H. Arndt, *The Economic Lessons of the 1930s;* R. Gardner, *Sterling-Dollar Diplomacy;* G. Curzon, *Multilateral Commercial Diplomacy;* A. Nove and D. Donnelly, *East-West Trade;* S. Dell, *Trade Blocs and Common Markets;* D. Fieldhouse, *The Theory of Capitalist Imperialism;* J. M. Keynes, *The Economic Consequences of the Peace;* A. Hirschman, *National Power and the Structure of Foreign Trade;* H. Aubrey, *The Dollar in World Affairs;* S. Strange, *Sterling and British Policy;* R. Walters, *American and Soviet Foreign Aid;* M. Doxey, *Economic Sanctions and International Enforcement.*

592(a) The Politics of International Economic Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

593 Contemporary Strategic Problems

Mr Windsor. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc. and other graduate students interested.

Syllabus Developments in military technology since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of military doctrine in the United States, the Soviet Union and Western Europe. The idea of deterrence. The idea of limited war. The military problems of alliances. Revolutionary and guerrilla warfare. The theory of disarmament and arms control negotiations, the historical experience of arms control systems and problems of the working of arms control systems.

Recommended reading A. Buchan, *War in Modern Society;* L. Beaton, *The Struggle for Peace;* B. Brodie, *Strategy in the Missile Age;* E. M. Earle (Ed.), *Makers of Modern Strategy;* M. Howard, "War as an Instrument of Policy" in H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations;* R. Aron, *On War;* B. Liddell Hart, *Strategy: The Indirect Approach; Deterrence or Defence;* H. Kissinger, *Nuclear Weapons and Foreign Policy; The Necessity for Choice; Problems of National Strategy; NATO: The Troubled Partnership;* T. C. Schelling, *Arms and Influence; The Strategy of Conflict;* T. C. Schelling and M. H. Halperin, *Strategy and Arms Control;* M. H. Halperin, *Limited War in the Nuclear Age;* H. Bull, *The Control of the Arms Race;* L. Beaton, *Must the Bomb Spread?; The Western Alliance and the McNamara Doctrine;* A. Herzog, *The War-Peace Establishment;* K. von Clausewitz, *War, Politics and Power;* P. Paret and J. W. Shy, *Guerillas in the 1960s;* A. Buchan (Ed.), *Problems of Modern Strategy.*

593(a) The Strategic Aspects of International Relations (Class)

Mr Windsor. Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

594 Strategic Theory and Military Policy since 1945

Professor Martin (King's College). Michaelmas and Lent Terms.

For M.Sc.

Syllabus The evolution of strategic doctrine and military policy since 1945 with special reference to the United States, the Soviet Union, Western Europe and China. Elements of continuity and change in strategic thought. Ideas of deterrence, strategic stability and limited war. The development of technology and its impact on thought and practice. Problems of alliances. Theories of revolutionary and guerrilla war. Counter-insurgency. The practice of coercive diplomacy. Insurgency and domestic violence. Problems of disarmament and arms control. Special problems of the smaller powers.

595 The Foreign Relations of the West European States

Mr Bone. Eight lectures, Lent Term.

For M.Sc.

Syllabus The position of Western Europe after the Second World War and problems of reconstruction: O.E.E.C., the Council of Europe, E.C.S.C., and the abortive E.D.C. The construction of 'Little Europe': E.E.C. and Euratom. Europe and the Third World. The problem of Berlin and German reunification. Europe and East-West relations. Domestic factors in West European foreign policies. The enlargement of the European Communities and the problem of a common foreign policy.

Recommended reading J. L. Richardson, *Germany and the Atlantic Alliance;* A. Grosser, *La IVe République et sa Politique Exterieur; French Foreign Policy under De Gaulle; Germany in Our Time: A Political History of the Postwar Years;* W. W. Kulski, *De Gaulle and the World;* F. R. Willis, *France, Germany, and the New Europe,* 1968 edn.; *Italy Chooses Europe;* N. Kogan, *The Politics of Italian Foreign Policy;* G. de Carmoy, *The Foreign Policies of France, 1944–1968;* A. W. De Porte, *De Gaulle's Foreign Policy 1944–45;* F. S. Northedge, *The Foreign Policies of the Powers;* W. F. Hanrieder, *The Stable Crisis: Two Decades of German Foreign Policy.*

596 Theories of International Politics

Mr Donelan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus The ideas of various statesmen and theorists about the right organization of the world and about right conduct in world politics.

Recommended reading P. Seabury (Ed.), *Balance of Power;* F. Gentz, *Fragments upon the Balance of Power in Europe* (See M. Forsyth *et al.*, *The Theory of International Relations*); C. Holbraad, *The Concert of Europe;* G. Bennett (Ed.), *The Concept of Empire, Burke to Attlee;* M. Perham, *Lugard;* A. Cobban, *The Nation State and National Self-Determination;* G. Salvemini, *Mazzini;* C. Hibbert, *Garibaldi and His Enemies;* A. Zimmern, *The League of Nations and the Rule of Law;* Cecil, *A Great Experiment;* H. Rauschning, *Germany's Revolution of Destruction;* R. Sterling,

Ethics in a World of Power, *The Political Ideas of Friedrich Meinecke;* J. Muirhead, *German Philosophy in Relation to the War;* E. Sidgwick *et al.*, *The International Crisis in its Ethical and Psychological Aspects;* Thucydides, "The Melian Debate" (*Peloponnesian War*, V, 7); J. Tooke, *The Just War in Aquinas and Grotius;* P. Ramsey, *The Just War*, *Force and Responsibility;* R. Tucker, *The Just War*, *A Study in Contemporary American Doctrine;* Castlereagh's State Paper (See K. Bourne, *The Foreign Policy of Victorian England* Doc. 2); R. Cobden, *Political Writings;* A. Wolfers and L. Martin (Eds.), *The Anglo-American Tradition in Foreign Affairs;* F. Hinsley, *Power and the Pursuit of Peace;* W. Schiffer, *The Legal Community of Mankind.*

596(a) Theories of International Politics (Class)

Mr Donelan and Mr Taylor. Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

597 Conflict

Mr Sims. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus Types of conflict theory; origins, incidence, correlates, dynamics and outcomes of international conflict; rank-disequilibrium theory and perceptual distortion. Special theories of conflict; neutrality, neutralism, third-party intermediaries; international frontier conflict. Methods of analysis and research; problems in the application of theory to contemporary conflict processes. Functions of conflict in international relations.

Recommended reading M. Barkun, *Law Without Sanctions;* K. E. Boulding, *Conflict and Defence;* J. W. Burton, *Conflict and Communication; Systems, States, Diplomacy and Rules;* J. D. Carthy and F. J. Ebling (Eds.), *The Natural History of Aggression;* L. A. Coser, *The Functions of Social Conflict;* L. Kriesberg (Ed.), *Social Processes in International Relations;* E. Luard, *Conflict and Peace in the Modern International System;* P. H. Lyon, *Neutralism;* E. B. McNeil (Ed.), *The Nature of Human Conflict;* T. Mathisen, *Research in International Relations;* M. B. Nicholson, *Conflict Analysis;* R. C. Ogley, *The Theory and Practice of Neutrality in the Twentieth Century;* N. Ørvik, *The Decline of Neutrality;* T. H. Pear (Ed.), *Psychological Factors of Peace and War;* D. G. Pruitt and R. C. Snyder (Eds.), *Theory and Research on the Causes of War;* Q. Wright, *A Study of War;* O. R. Young, *The Intermediaries;* A. Curle, *Making Peace;* F. Edmead, *Analysis and Prediction in International Mediation;* E. Luard (Ed.), *The International Regulation of Frontier Disputes;* C. G. Widstrand (Ed.), *African Boundary Problems.* Also articles in *Journal of Conflict Resolution* (Ann Arbor); *Journal of Peace Research* (Oslo); *Proceedings of the International Peace Research Association.*

598 Philosophical Aspects of International Relations

Professor Manning. Five or more lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc.

Recommended reading J. L. Brierly, *The Basis of Obligation in International Law;* K. Boulding, *The Image;* E. H. Carr, *The Twenty Years' Crisis;* B. de Jouvenel, *On Power;* W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations;* G. L. Goodwin, *The University Teaching of International Relations;* F. Gross, *Foreign Policy Analysis;* S. H. Hoffman, *Contemporary Theory in International Relations;* M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law;* P. Laslett (Ed.), *Philosophy, Politics, and Society* (1st edn.); C. A. W. Manning, *The Nature of International Society;* T. Mathisen, *Methodology of the Study of International Relations;* F. Meinecke, *Machiavellism;* J. Plamenatz, *On Alien Rule and Self-Government;* K. Popper, *The Poverty of Historicism;* J. N. Rosenau, *International Relations and Foreign Policy;* K. Waltz, *Man, The State, and War;* R. Sterling, *Ethics in a World of Power;* T. D. Weldon, *The Vocabulary of Politics;* P. Winch, *The Idea of a Social Science.*

599 Psychological Aspects of International Relations

Professor Northedge. Ten lectures, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc.

Syllabus An examination of the more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the interested control of public opinion; the emotional functions of nationalism and other collective symbols of international bearing; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-state conflict.

Recommended reading M. and C. W. Sherif, *An Outline of Social Psychology;* I. L. Horowitz, *Radicalism and the Revolt against Reason;* R. 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. Kohn, *Prophets and Peoples;* D. Lerner, *Sykewar;* N. Berdyaev, *The Russian Idea;* W. Röpke, *The German Question;* B. Schaffner, *Fatherland;* K. Z. Lorenz, *On Aggression;* R. Niebuhr, *The Irony of American History;* R. Benedict, *Race and Racism;* A. K. Weinberg, *Manifest Destiny;* J. H. de Rivera, *The Psychological Dimension of Foreign Policy.*

600 The Sociology of International Law

Mr James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus The purpose of this course is to examine the role of international law in international society. The topics which will be considered are: power and international law; peaceful change; the sources of international law; the international judicial process; the legal status of international law; the relevance of the concept of "the rule of law"; sanctions and international law; the United Nations and international law; ideology and international law; law and order in international society.

Recommended reading J. L. Brierly, *The Basis of Obligation in International Law and Other Papers; The Outlook for International Law;* P. E. Corbett, *Law in Diplomacy;* H. L. A. Hart, *The Concept of Law;* M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law;* A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); C. N. Ronning, *Law and Politics in Inter-American Diplomacy;* G. Schwarzenberger, *The Frontiers of International Law; The Inductive Approach to International Law; International Law and Order;* O. J. Lissitzyn, *International Law Today and Tomorrow;* J. Stone, *Aggression and World Order; Quest for Survival;* C. de Visscher, *Theory and Reality in Public International Law;* Q. Wright, *The Role of International Law in the Elimination of War;* W. Friedmann, *The Changing Structure of International Law;* L. Henkin, *How Nations Behave;* R. A. Falk and S. H. Mendlovitz (Eds.), *The Strategy of World Order*, Vol. II; W. D. Coplin, *The Functions of International Law;* K. W. Deutsch and S. Hoffman (Eds.), *The Relevance of International Law;* C. W. Jenks, *Law, Freedom and Welfare; Law in the World Community.*

600 (a) The Sociology of International Law (Class)

Mr James. Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

601 Imperialism

Mr E. A. Roberts. Ten lectures, Michaelmas Term.

For B.Sc. (Econ) Part II 2nd yr.; M.Sc.

Syllabus Empires and imperialism as a factor in international politics, particularly in the nineteenth and twentieth centuries.

The various concepts attached to the words "empire" and "imperialism". The various attempts, Marxist, neo-Marxist and others, to explain the causes of imperialism. Security problems and their interrelationship with empires. The ideological bases of imperialism. Patterns of imperial control and anti-imperial struggle. The dissolution of empires, and the concept of "neo-colonialism". The future of imperialism. Imperialism as a "single-factor" explanation of international politics.

Recommended reading Shlomo Avineri (Ed.), *Karl Marx on Colonialism and Modernization;* C. Cross, *The Fall of the British Empire;* S. C. Easton, *The Rise and Fall of Western Colonialism;* H. E. Egerton, *A Short History of British Colonial Policy;* H. Gollwitzer, *Europe in the Age of Imperialism;* E. J. Hobsbawm, *Industry and Empire;* J. A. Hobson, *Imperialism: A Study;* T. Kemp, *Theories of Imperialism;* V. G. Kiernan, *The Lords of Human Kind;* R. Koebner and H. D. Schmidt, *Imperialism: The Story and Significance of a Political Word;* V. I. Lenin, *Imperialism, The Highest Stage of Capitalism;* H. Magdoff, *The Age of Imperialism;* R. E. Robinson and J. Gallagher, *Africa and the Victorians;* J. A. Schumpeter, *Imperialism and Social Classes;* B. Semmel, *Imperialism and Social Reform;* G. H. N. Seton-Watson, *The New Imperialism;* L. L. Snyder (Ed.), *The Imperialism Reader;* A. P. Thornton, *Doctrines of Imperialism;* E. M. Winslow, *The Pattern of Imperialism.*

602 Disarmament and Arms Limitation

Mr E. A. Roberts and Mr Sims. Ten lectures, Lent Term.

For undergraduate and graduate students interested.

Syllabus Theories and cases of disarmament, and negotiations about it. (The term 'disarmament' is used to include not only complete disarmament, but also the various forms of arms limitation and control.) Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; the impact of enforced unilateral disarmament, as in Germany after the first world war; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological warfare; proposals for limitation of land forces; the problems of verification, inspection, and control of armaments. The political, institutional and intellectual context of disarmament and arms limitation. Public opinion and other non-governmental influences on disarmament; institutional framework of policy formation and international negotiation; international behavioural assumptions underlying disarmament ideas.

Recommended reading R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament;* L. Beaton, *Must the Bomb Spread?;* L. Beaton and J. Maddox, *The Spread of Nuclear Weapons;* B. G. Bechhoefer, *Postwar Negotiations for Arms Control;* D. G. Brennan (Ed.), *Arms Control, Disarmament, and National Security;* A. Buchan (Ed.), *A World of Nuclear Powers?;* H. Bull, *The Control of the Arms Race;* A. Carter (Ed.), *Unilateral Disarmament;* G. Fischer, *The Non-Proliferation of Nuclear Weapons;* J. Garnett (Ed.), *Theories of Peace and Security;* A. Gotlieb, *Disarmament and International Law;* J. Klein, *L'Entreprise du Désarmement depuis 1945;* E. Luard, *Conflict and Peace in the Modern International System;* E. Luard (Ed.), *First Steps to Disarmament;* P. J. Noel-Baker, *The Arms Race;* H. A. Nutting, *Disarmament: An Outline of the Negotiations;* C. E. Osgood, *An Alternative to War or Surrender;* Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament;* R. W. Terchek, *The Making of the Test-Ban Treaty;* United Nations, *The United Nations and Disarmament, 1945–1970;* Sir Michael Wright, *Disarm and Verify;* Elizabeth Young, *The Control of Proliferation.*

603 Resistance in International Conflict

Mr E. A. Roberts. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

Syllabus The use of various methods of resistance, both violent and non-violent, in movements against colonialism and foreign military occupation. The main emphasis is on twentieth century cases, and on the various theories attaching to them. The interactions between resistance and domestic political and economic structures; also between resistance and international relations generally.

Recommended reading J. V. Bondurant, *Conquest of Violence;* C. von Clausewitz, *On War;* E. Guevara, *Guerilla Warfare;* T. R. Gurr, *Why Men Rebel;* Mao Tse-tung, *Selected Works;* F. M. Osanka (Ed.), *Modern Guerilla Warfare;* P. Paret and J. W. Shy, *Guerillas in the 1960s;* A. Roberts (Ed.), *Civilian Resistance as a National Defence;* M. Q. Sibley (Ed.), *The Quiet Battle;* G. K. Tanham, *Communist Revolutionary Warfare.*

604 Current Issues in International Relations (Seminar)

Mr Sims and Mr Windsor. Lent and Summer Terms.

For interested students.

A weekly discussion on the current diplomatic scene and the issues it raises for the academic student of international relations.

605 International Business in the International System

Miss Strange. Ten lectures, Lent Term.

For interested students.

SEMINARS FOR M.Sc. AND OTHER GRADUATE STUDENTS

608 Research Methods

Professor Northedge. Michaelmas Term.

For all first-year M.Phil., and Ph.D. students in International Relations.

609 International Politics

Mr Donelan and Mr G. H. Stern. Michaelmas Term.

For M.Sc. and other first-year graduate students.

610 Foreign Policy Analysis

Professor Goodwin. Lent Term.

For M.Sc.

611 National Attitudes and Foreign Policy

Professor Northedge and Dr Tint. Five seminars, Lent Term.

For M.Sc. and other graduate students. Also open to third-year undergraduates.

612 International Institutions

Professor Goodwin. Michaelmas Term.

For M.Sc.

613 European Studies

Professor Goodwin, Mr Windsor and Mr Taylor. Sessional.

For staff and graduate students by invitation.

614 European Institutions

Professor Goodwin and Mr Taylor. Lent and Summer Terms.

For M.Sc. and other graduate students.

615 The International Relations of the Western Powers

Professor Northedge. Lent Term.

For M.Sc. and other graduate students.

616 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Lent Term.

For M.Sc. and other graduate students.

617 The Politics of International Economic Institutions
Miss Strange. Lent Term.
For M.Sc. and other graduate students.

618 International Politics: The Communist Powers
Mr G. H. Stern. Lent and Summer Terms.
For M.Sc. and other graduate students.

619 The Politics of International Law
Mr James. Lent Term.
For M.Sc. and other graduate students.

620 Asia and the Pacific in International Relations
Dr Leifer. Lent and Summer Terms.
For M.Sc. and other graduate students.

621 Foreign Relations of African States
Mr Panter-Brick and Mr Mayall. Lent Term.
For M.Sc. M.A. Area Studies—Africa, and other graduate students.

622 Africa and World Politics
Mr Mayall. Fortnightly, Summer Term.
For staff and research students by invitation.

623 International Politics of the Middle East
Dr Hirszowicz. Summer Term.
For M.Sc. and other graduate students.

624 Strategic Studies
Mr Windsor. Sessional.
For M.Sc. and other graduate students.

625 War as a Social Requirement
Mr Windsor and Mr Mayall. Summer Term.
For staff and graduate students.

626 Imperialism
Mr E. A. Roberts. Lent Term.
For M.Sc. and other graduate students.

627 Theories of International Politics
Professor Goodwin, Mr Donelan and Mr Taylor. Lent and Summer Terms.
For staff and M.Sc. and other graduate students.

Note The attention of students is drawn to the following:

Interdepartmental courses of the International Relations and Government departments:

558 International Politics of Africa

560 West European Studies (Seminar)

Other sections and courses:

Economics (International Economics Courses)
International History

449 **International Law**

465 **Law of International Institutions**

466 **Law of European Institutions**

Sociological Studies

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495 Anthropology
501 Demography
505 Psychology
512 Social Science and Administration
519 Personnel Management
520 Social Work Studies
525 Sociology

Anthropology

(*i*) *General*

640 Introduction to Social Anthropology

Professor Lewis. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc.; Soc. Psych.; B.Sc. (Econ.) Part I; Part II 2nd yr.; Dip. Soc. Anth. 1st yr.; Dip. Soc. Admin., Overseas Option only (one year); graduate students taking qualifying examinations.

Syllabus The scope of social anthropology and its links with other subjects; different ways of understanding social institutions; race and culture. Characteristics of tribal religious beliefs and ritual (witchcraft, cosmology, rituals). Environmental resources and their utilisation in tribal economies. Family, marriage and kinship organization; unilineal and non-unilineal descent. Politics and social control; centralised and decentralised tribal government; the settlement of disputes.

Essential reading L. P. Mair, *An Introduction to Social Anthropology;* B. Malinowski, *Argonauts of the Western Pacific;* A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage;* I. M. Lewis, *A Pastoral Democracy;* L. P. Mair, *Primitive Government;* N. A. Chagnon, *Yanomamö: the Fierce People;* M. Gluckman, *Politics, Law and Ritual in Tribal Society;* E. E. Evans-Pritchard, *Witchcraft, Oracles, and Magic among the Azande;* R. Fox, *Kinship and Marriage.*

640(a) Classes

In connection with Course 640.

For B.Sc. c.u. main fields Soc. Anth. 1st. yr., Geog., Soc. Psych.

641 Man, Race and Culture

Mr McKnight, Dr Woodburn and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st. yr., Geog.

Syllabus An outline of human evolution in the context of the study of animal (especially primate) social behaviour. The nature, origin and development of culture. The significance of racial differences. Introduction to human ecology.

Recommended reading will be given during the course.

641(a) Classes

In connection with Course 641.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.

642 Outlines of Ethnography

Dr H. S. Morris and other members of the department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.; B.Sc. (Econ.) Part II 2nd yr.; Dip. Soc. Anth. 1st yr.

Syllabus The course will offer an introduction to cultural history and ethnography selected from several culture areas—West Africa, the Mediterranean and Malayo-Polynesia. A number of ethnographies will be considered in detail because of their intrinsic value and by way of example.

Recommended reading will be given during the course.

642(a) Classes

In connection with Course 642.

For B.Sc. c.u. main fields Soc. Anth. 1st yr.; Geog.

643 Family and Kinship

Dr La Fontaine and Dr H. S. Morris. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

Syllabus The analysis of institutions of kinship, marriage and the family.

Essential reading R. Fox, *Kinship and Marriage*, and relevant parts of the following (as indicated during the course): P. Bohannan and J. Middleton (Eds.), *Kinship and Social Organisation; Marriage, Family and Residence;* I. R. Buchler and H. A. Selby, *Kinship and Social Organisation;* M. Fortes, *Kinship and the Social Order;* M. Fortes (Ed.), *Marriage in Tribal Societies* (*Cambridge Papers in Social Anthropology*, No. 3); J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (*Cambridge Papers in Social Anthropology*, No. 1); E. R. Leach, *Rethinking Anthropology;* C. Lévi-Strauss, *The Elementary Structures of Kinship;* A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage.*
Further reading will be given during the course.

643(a) Classes
In connection with Course 643.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.

644(i) Economic Institutions
Dr Bloch. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus The aim of these lectures is to examine the cultural framework of different economic systems and the working of these systems. The reaction of these systems to technological change will also be examined. Topics discussed will include: the economic organization of peasant and primitive production units; economic structure and kinship structure; land tenure; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

Essential reading R. Firth, *Primitive Polynesian Economy; Malay Fishermen: their Peasant Economy;* R. Firth (Ed.), *Themes in Economic Anthropology;* E. E. Le Clair and H. K. Schneider (Eds.), *Economic Anthropology;* T. S. Epstein, *Capitalism, Primitive and Modern;* J. Goody, *Death, Property and the Ancestors;* J. M. Potter, M. N. Diaz and G. M. Foster, *Peasant Society;* P. Hill, *The Migrant Cocoa-Farmer in S. Ghana;* R. F. Salisbury, *From Stone to Steel; Vunumami.*

644(ii) Political Anthropology
Dr Loizos. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 1st yr.; graduate students taking qualifying examinations.

Syllabus Political organization and political community; order and social control in non-centralised societies; power and sanctions; stratification and centralised power; patronage, networks, factions; plural society; political field and process.

Essential reading L. P. Mair, *Primitive Government;* D. Easton, "Political Anthropology" in B. J. Siegel (Ed.), *Biennial Review of Anthropology*, 1959; F. Barth, *Political Leadership among Swat Pathans;* R. Cohen and J. Middleton, *Comparative Political Systems;* W. J. M. Mackenzie, *Politics and Social Science;* F. Bailey, *Stratagems and Spoils;* G. Balandier, *Political Anthropology;* E. R. Leach, *Political Systems of Highland Burma;* P. H. Gulliver, *Tradition and Transition in East Africa;* A. Cohen, *Custom and Politics in Urban Africa.*

644(a) Classes
In connection with Courses 644(i) and 644(ii).

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.

645 Magic, Religion and Morals
Professor Pitt-Rivers and Mr McKnight. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth.

3rd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism; divination; ancestor worship. Religion and the structure of society. Religion and morals.

Essential reading H. F. Hertz, *Death and the Right Hand;* E. E. Evans-Pritchard, *Nuer Religion;* G. Lienhardt, *Divinity and Experience;* K. Burridge, *New Heaven, New Earth;* J. Middleton (Ed.), *Gods and Rituals: Readings in Religious Beliefs and Practices;* I. M. Lewis, *Ecstatic Religion;* M. Douglas, *Purity and Danger;* C. Lévi-Strauss, *Totemism;* E. Durkheim, *The Elementary Forms of the Religious Life;* V. Turner, *The Forest of Symbols.* Further reading will be suggested during the course.

645(a) Classes
In connection with Course 645.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

646 Advanced Ethnography: Latin America
Professor Pitt-Rivers and Dr Cutileiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 1st yr.

Syllabus Through the discussion of recent ethnographies key topics in Latin America will be analysed, including dual organizations, the condition of the Indians, land tenure, rural unrest, urban immigration, compadrazgo, caudillismo, race relations.

Recommended reading will be given during the course. Teaching *may* be available by arrangement at either University College or the School of Oriental and African Studies for the following ethnographic areas: East Africa, West Africa, India, South-East Asia, Melanesia.

646(a) Classes
In connection with Course 646.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 1st yr.

647(i) Anthropological Linguistics: Introduction to General Linguistics
Twenty-five lectures. Sessional.

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr. This course will be taught in the Department of Language Studies. (See Course 365).

647(ii) Anthropological Linguistics: Linguistics and Anthropological Problems
Dr Bloch and others. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

Syllabus A general survey of the ways in which linguistics may contribute to the solution of anthropological problems.

Essential reading Relevant parts of the following works will be indicated during the course: J. A. Fishman, *Readings in the Sociology of Language;* J. Goody (Ed.), *Literacy in Traditional Societies;* J. J. Gumperz and D. Hymes (Eds.), *The Ethnography of Communication* (*American Anthropologist* Special Publication, 1964); E. A. Hammel (Ed.), *Formal Semantic Analysis* (*American Anthropologist* Special Publication, 1965); D. Hymes (Ed.), *Language in Culture and Society;* C. Lévi-Strauss, *Structural Anthropology;* A. K. Romney and R. G. D'Andrade (Eds.), *Transcultural Studies in Cognition* (*American Anthropologist* Special Publication, 1964); S. A. Tyler (Ed.), *Cognitive Anthropology.*

Further reading will be given during the course.

647(a) Classes
In connection with Courses 647(i) and 647(ii).

For B.Sc. c.u. main field Soc. Anth.

3rd yr. Optional for Dip. Soc. Anth. 2nd yr.

648 Primitive Art

Mr Forge. Twenty lectures, Michaelmas and Lent Terms. This course will not be given in 1972-73.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr. Optional for B.Sc. (Econ.) Part II 3rd yr.; Dip. Soc. Anth. 2nd yr.

Syllabus The functions of art in society, and more particularly its relationship to ritual. The position of the artist and his role in non-literate societies. Criticism, judgment and aesthetics will be considered in their social and cultural contexts. Various approaches will be discussed, but particular attention will be paid to the analysis of art as a symbolic system and its relations with cosmology and other verbal and non-verbal symbolic systems of the society. Concentration will be on the plastic arts and architecture from various parts of the world; there will be no attempt at an exhaustive coverage.

Essential reading E. H. Gombrich, *Art and Illusion;* R. Arnheim, *Art and Visual Perception;* E. Panofsky, *Meaning in the Visual Arts;* C. Lévi-Strauss, *The Savage Mind;* V. Turner, *The Forest of Symbols;* A. A. Gerbrands, *Wow-ipits;* R. Berndt (Ed.), *Australian Aboriginal Art;* C. F. Jopling (Ed.), *Art and Aesthetics in Primitive Societies;* A. and M. Strathern, *Self Decoration in Mount Hagen;* R. Brain and A. Pollock, *Bangwa Funerary Sculpture.*

648(a) Classes

In connection with Course 648.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr. Optional for B.Sc. (Econ.) Part II 3rd yr.; Dip. Soc. Anth. 2nd yr.

649(i) Advanced Theory of Social Anthropology: History of Social Anthropology

Dr La Fontaine. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus The nineteenth-century background to the development of "social anthropology". The early posing and rephrasing of problems in kinship, religion, politics, morals, law and economics. The development of methods. The state of the subject on the eve of the Second World War.

Essential reading R. H. Lowie, *History of Ethnological Theory;* T. K. Penniman, *A Hundred Years of Anthropology;* A. R. Radcliffe-Brown, *Method in Social Anthropology* (Ed. M. N. Srinivas); E. E. Evans-Pritchard, *Social Anthropology;* Sol Tax, "From Lafitau to Radcliffe-Brown: A Short History of the Study of Social Organization" in F. Eggan (Ed.), *Social Anthropology of North American Tribes* (enlarged edn.); D. G. MacRae, "Darwinism and the Social Sciences" in S. A. Barnett (Ed.), *A Century of Darwin;* F. C. Bartlett *et al.* (Eds.), *The Study of Society*, Part III; J. W. Burrow, *Evolution and Society;* M. Harris, *The Rise of Anthropological Theory.*

649(ii) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory

Dr Bloch. Ten lectures, Lent Term.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; Dip. Soc. Anth. 2nd yr.; graduate students taking qualifying examinations.

Syllabus Types of explanation used in social anthropology.

Essential reading S. A. Tyler (Ed.), *Cognitive Anthropology;* F. Barth, *Models of Social Organization;* C. Lévi-Strauss, *The Savage Mind; The Scope of Social Anthropology;* R. Firth, *Essays on*

Social Organization and Values; R. A. Manners and D. Kaplan, *Theory in Anthropology;* P. Winch, *The Idea of a Social Science;* R. Needham, *Structure and Sentiment;* J. Piaget, *Structuralism.*

649(a) Classes

In connection with Courses 649(i) and 649(ii).

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

650 Social Anthropology (Classes)

Sessional.

For B.A./B.Sc. (Soc.), Branch I; B.Sc. (Econ.) Part I; Part II 2nd and 3rd yrs.; B.Sc. c.u. main field Soc. Psych. 2nd yr.

(ii) Applied

651 Social Aspects of Political and Economic Development (Class)

Mr Ellen. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.; Dip. Soc. Admin., Overseas Option only (one year); Dip. Soc. Anth. 2nd yr.

Syllabus A review of anthropological contributions to the study of social change, primarily in ex-colonial and developing countries. The effects of political, economic and technological intrusions, colonial and post-colonial, into tribal and peasant societies, especially upon indigenous political, economic, religious and kinship systems.

Essential reading L. P. Mair, *Anthropology and Social Change; New Nations;* P. Worsley, *The Third World;* P. C. Lloyd, *Africa in Social Change;* A. Southall (Ed.), *Social Change in Modern Africa;* I. M. Lewis (Ed.), *History and Social Anthropology;* C. Belshaw, *Traditional Exchange and Modern Markets;* P. H. Gulliver (Ed.), *Tradition and Transition in East Africa;* R. Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies.*

Other reading will be suggested in the course of the classes.

Note Students should also attend Course 849 Social Change and Development in Contemporary Africa.

(iii) Special

652 A Programme of Ethnographic Films

Dr Loizos and Dr Woodburn. Sessional.

For all students, undergraduate and graduate, taking Anthropology as any part of their course.

653 Kinship among the Australian Aborigines

Mr McKnight. Ten lectures, Lent Term.

FOR GRADUATE STUDENTS

655 Seminar on Anthropological Theory

Professor Lewis and other members of the department. Sessional.

For senior graduate students. Admission by permission of Professor Lewis. This seminar is not open to first-year graduate students.

656 Seminar on Current Anthropological Themes

Dr H. S. Morris and Dr Cutileiro. Michaelmas and Lent Terms.

For first- and second-year graduate students. Admission by permission.

657 Thesis-Writing Seminar

Dr Loizos and other members of the department. Sessional.

For all graduate students currently engaged in preparing theses.

658 Regional Seminars

Seminars on the anthropological study of (i) Asia (ii) Melanesia and (iii) Africa *may* be arranged.

659 Teaching Seminar

Dr La Fontaine. Michaelmas and Lent Terms.

For first-year Diploma students and graduate students taking qualifying examinations.

Reference should also be made to the following course:

876 **Sociology of Islam (Seminar)**

Intercollegiate Seminars for Staff and Senior Graduate Students:

Fieldwork Training

Chairman: Professor Pitt-Rivers
Michaelmas Term. At L.S.E.

Initiation Rituals

Chairman: Dr La Fontaine
Summer Term. At L.S.E.

Admission by permission of Seminar Chairmen.

Demography

680 Introduction to Demography

Mr Carrier. Twenty lectures and twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.; Dip. Stats.

Syllabus Sources and reliability of population statistics. Development of censuses and vital statistics. The interpretation of population statistics. The analysis of mortality, nuptiality and fertility.

Recommended reading GENERAL: A. M. Carr-Saunders, *World Population;* F. Lorimer and F. Osborn, *Dynamics of Population;* Royal Commission on Population, *Report* (Cmd. 7695); J. J. Spengler and O. D. Duncan (Eds.), *Population Theory and Policy: Selected Readings;* P.E.P., *World Population and Resources*.
METHODS: D. V. Glass, *Population Policies and Movements in Europe* (Appendix); I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life;* M. Spiegelman, *Introduction to Demography;* U.K. Royal Commission on Population, *Selected Papers of the Statistics Committee;* J. J. Spengler and O. D. Duncan (Eds.), *Demographic Analysis: Selected Readings;* G. W. Barclay, *Techniques of Population Analysis*.
SOURCES: The General Reports of the various Censuses of England and Wales; The Registrar-General, *Statistical Review of England and Wales;* United Nations, *Demographic Yearbook;* United Kingdom, Interdepartmental Committee on Social and Economic Research, Guides to Official Sources, No. 2, *Census Reports of Great Britain*, 1801-1931; P. R. Cox, *Demography;* S.S.R.C., *The Population Census*.
References to articles and works of specialised interest will be given in the lectures.

681 Mathematics of Population Growth

Mr Carrier. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats. Optional for M.Sc. Recommended for other graduate students.
Students will be expected to have attended Course 680 Introduction to Demography, and to possess some knowledge of the calculus and of linear algebra.

Syllabus A study of certain aspects of stationary and stable populations with practical applications. Application of matrix algebra.

Recommended reading E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940); United Nations Bureau of Social Affairs, Population Studies, No. 22, *Age and Sex Patterns of Mortality*; No. 25, *Methods of Population Projections by Sex and Age;* No. 26, *The Aging of Populations and its Economic and Social Implications;* N. Keyfitz, *Introduction to the Mathematics of Population*.
Detailed references will be given as the course proceeds.

682 Elements of Demographic Analysis I

Mr Langford and Dr Thapar. Twenty hours, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main fields Geog., Soc.

Syllabus Sources and reliability of population statistics. The life table and its applications. Simple techniques of population projection. Cohort analysis. The study of mortality, nuptiality and fertility. The effect of vital rates on age structure and population growth.

Recommended reading GENERAL: A. M. Carr-Saunders, *World Population;* Royal Commission on Population, *Report* (Cmd. 7695); P.E.P., *World Population and Resources*.
METHODS AND SOURCES: G. W. Barclay, *Techniques of Population Analysis;* P. R. Cox, *Demography;* B. Benjamin, *Health and Vital Statistics;* Interdepartmental Committee on Social and Economic Research, Guides to Official Sources, No. 2, *Census Reports of Great Britain* 1801-1931; Census 1951, England and Wales, *General Report;* Census 1961, Great Britain, *General Report;* General

Register Office, *Matters of Life and Death; Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes). Further references will be given in the lectures.

683 Elements of Demographic Analysis II

Mr Langford and Dr Thapar. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

684 Population Trends and Policies

Professor Glass. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. (Maths.) 2nd yr.; B.Sc. c.u. main fields Geog., Soc.; M.Sc.; Dip. Stats.; Dip. Development Admin.
Recommended for other graduate students.

Syllabus The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of underdeveloped territories. Population theory and policy.

A reading list will be given at the first lecture in the course.

684(a) Population Trends and Policies Class

Professor Glass. Michaelmas Term.

For B.Sc. (Econ.) Part II: *Demography I* 2nd and 3rd yrs.; B.A./B.Sc. (Soc.) Branch I 3rd yr.; B.Sc. c.u. main fields Geog., Soc. Optional for B.Sc. (Econ.) Part II: 2nd and 3rd yrs.; B.Sc. (Maths.) 2nd and 3rd yrs.; Dip. Stats.

685 Mathematical Techniques for the Manipulation and Analysis of Demographic Data

Mr Carrier. Ten lectures of two hours each, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats. Optional for M.Sc. Other students will be admitted only by permission.

Syllabus Manipulation of data classified by age and similar variables. The measurement of infant mortality and fertility. Mathematical models.

Recommended reading will be given during the course.

686 Demography Revision Class

Mr Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.); Dip. Stats.

FOR GRADUATE STUDENTS

687 Formal Demography

Mr Hobcraft and Dr Thapar. Twenty hours, Michaelmas Term.

For M.Sc.

Syllabus The construction and use of life tables and other indices of mortality. The concepts of stationary and stable populations. The measurement of fertility and replacement.

688 The Collection and Analysis of Demographic Data on Underdeveloped Countries

Mr Brass and Mr Britton. Sixty hours, Sessional.

For M.Sc.

Syllabus The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organization. Recruitment and training of field staff. Enumeration problems. The design of special inquiries for the determination of birth and death

rates and of population growth. Processing techniques and problems. Analysis of age-sex distributions. Estimation of fertility and mortality rates from census and survey data. Use of model life tables and stable population models.

Recommended reading U.N., *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries;* Norma McArthur, *Introducing Population Statistics;* 1960 Census of Ghana, Volume V, *General Report;* 1965–66 School of Public Health, Turkey, *Vital Statistics from the Turkish Demographic Survey;* W. Seltzer, "Some Results from Asian Population Growth Studies" (*Population Studies*, Vol. XXIII); W. Brass *et al.*, *The Demography of Tropical Africa;* U.N., *Methods of Estimating Basic Demographic Measures from Incomplete Data* (*Population Studies*, No. 42, 1967); W. Brass, "Disciplining Demographic Data" (I.U.S.S.P. *Conference Proceedings*, 1969); U.N., *Principles and Recommendations for the 1970 Censuses* (Statistical Papers, Series M, No. 44, 1967).

689 The Detection and Reduction of Errors in Demographic Data

Mr Hobcraft. Twenty hours, Lent Term.

For M.Sc.

Syllabus Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Use of survivorship ratios. Under-enumeration at young ages and overstatement of age at old ages. Sex ratio tests. Testing birth and death registration. Application of stable and quasi-stable population models.

Recommended reading N. H. Carrier and J. N. Hobcraft, *Demographic Estimation for Developing Societies.*

690 Population Trends and Policies (Seminar)

Professor Glass and others. Fortnightly, Sessional.

For M.Sc.

Syllabus Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

691 Design and Analysis of Investigations relating to Fertility and Birth Control (Seminar)

Professor Glass, Mr Langford, Dr Thapar and others. Fortnightly, Sessional.

For M.Sc.

Syllabus Purpose and design of fertility surveys. The use of surveys in connection with the formulation and implementation of birth control programmes. Problems of questionnaire design in fertility and other demographic surveys.

692 Techniques of Demographic Analysis

Dr Thapar. Twenty hours, Lent Term.

For M.Sc

Syllabus Examination, analysis and interpretation of data collected through censuses, vital registration and demographic surveys.

Recommended reading will be given during the course.

693 Social and Demographic Problems in Medicine

Dr Douglas and Mr Wadsworth. Five lectures, Michaelmas Term. Seven lectures, Lent Term. Five classes, Summer Term.

For M.Sc. and other graduate students.

Syllabus Early studies of environment and health. The pattern of illness and growth related to demographic and social changes. High-risk groups in the population, problems of identification. Comparisons of the health of populations. Use of sociological methods in the study of disease. Introduction to sociological studies in medicine.

Recommended reading A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine;* G. W. Brown and J. Wing, *Comparative Clinical and Social*

Survey of a Mental Hospital (Soc. Rev. Monog. No. 5, Keele); F. M. Burnet, *Natural History of Infectious Disease;* N. R. Butler and D. G. Bonham, *Perinatal Mortality;* J. W. B. Douglas and J. M. Blomfield, *Children Under Five;* H. Eckstein, *English Health Service;* S. E. Finer, *Life and Times of Sir Edwin Chadwick;* T. McKeown, *Medicine in Modern Society;* J. N. Morris, *Uses of Epidemiology;* M. Rutter, *Children of Sick Parents;* M. Rutter, J. Tizard and K. Whitmore, *Education, Health and Behaviour;* M. W. Susser and W. Watson, *Sociology in Medicine;* J. M. Tanner, *Growth at Adolescence;* World Health Organization, *Trends in the Study of Morbidity and Mortality;* J. Bryant, *Health in the Developing Countries;* R. H. Strycck, *The Development of Modern Medicine;* I. Kosa, A. Antonavsky and I. Zola (Eds.), *Poverty and Health;* J. E. Meade and A. S. Parkes (Eds.), *Biological Aspects of Social Problems;* M. E. J. Wadsworth, W. J. H. Butterfield and R. Blaney, *Health and Sickness: the Choice of Treatment.*

Psychology

695 Introduction to General and Social Psychology

Sections (i), (ii) and (iii) for B.Sc. c.u. main field Soc. Psych. 1st yr. Section (i) for B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Anth. 1st yr. Sections (i) and (iii) for B.Sc. S.S. and A.; Dip. Soc. Admin. 1st yr. and one-yr. (incl. Overseas Option).

(i) Introduction to General and Social Psychology

Mrs Geber and others. Twenty-five lectures. Sessional.

Syllabus Learned and unlearned patterns of behaviour in man and animals. Ways of perceiving and comprehending the environment. Modes and development of thinking, concept formation and categorisation. Development of individual differences in ability and personality. The process of socialisation: social learning, imitation and modelling; societal and familial influences. Attitudes and social behaviour: their development and organization; decision making and attitude change. Social interaction: behaviour in small and large groups. Throughout the lecture course stress will be laid on the methodology of psychological enquiry. Experience in acting as a subject for a psychological experiment can be obtained. Reference to simple statistics will be made. Students not attending a statistics course are advised to consult an elementary book on statistics for reference purposes.

(ii) Context of Psychology

Mr Hotopf. Seven lectures, Lent Term.

Syllabus Relationship of psychology to other sciences. Its history seen in terms of its relation to philosophy, the social and natural sciences. Behaviourism *versus* introspectionism, a conceptual and methodological confrontation. The independent origin of Freudian theory. Later historical developments.

Recommended reading D. S. Wright *et al.*, *Introducing Psychology;* D. Krech and P. Zimbardo, *Psychology and Life;* D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society;* R. Brown, *Social Psychology.*

(iii) Psychoanalytic Theories and their Application

Five lectures, Lent and Summer Terms

Syllabus Introduction to Freudian and post-Freudian theories; implications of these theories for the study of individual and social behaviour.

695(a) Introduction to General and Social Psychology (Classes)

Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

695(b) Introduction to General and Social Psychology (Classes)

Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Anth. 1st yr.

695(c) Introduction to General and Social Psychology (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.

696 Foundations of Experimental Psychology

Dr Seaborne. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus Processes of information intake, psychophysical judgment, signal detection, perceptual organization, selective attention. Conditions for the acquisition of learned behaviour: classical and instrumental conditioning, generalisation, discrimina-

tion and transfer of training. The role of incentives and motivation in learning, problems of reinforcement, reward schedules, brain mechanisms in reinforcement. Extinction and forgetting, interference theories, autonomous changes in memory, short-term memory. Development of learning capacity, learning sets, critical learning periods. Social learning, observational learning, social reinforcers.

Recommended reading will be given during the course.
Students taking this course should also attend Course 919.

697 Fundamental Approaches to the Study of Behaviour

For B.Sc. c.u. main field Soc. Psych. 1st yr.

(i) Biological Bases of Behaviour

Professor Wolpert (Middlesex Hospital Medical School). Twenty-five lectures, Sessional.

Syllabus Basic cell structure and function of the nervous system including sense organs. The effects of drugs on the nervous system. Genetics: Mendelism, linkage, population and quantitative aspects.

(ii) Practical Course

Dr Stockdale. Twenty-five laboratory sessions.

698 Basic Processes of Behaviour

Dr Stockdale and other members of the department. Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus This is a seminar course examining the relationships between physiological and psychological mechanisms. Specific topics to be discussed will include physiological aspects of motivation, neurological disorders of cognitive processes, psychopharmacology, animal behaviour, genetic aspects of intellectual abnormality, physiological determinants of perception.

699 Social Psychology: Cognition, Attitudes and Social Behaviour

Sections (i) and (ii) for B.Sc. c.u. main field Soc. Psych. 2nd yr. Sections (i) and (iii) for B.Sc. (Econ.) Part II 3rd yr.; B.A./B.Sc. (Soc.) Branch I 3rd yr., Branch III 2nd yr.; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Geog., Soc.

(i) Attitudes and Social Behaviour I

Mr A. D. Jones. Ten lectures, Michaelmas Term.

Syllabus The nature of attitudes. Cognitive, emotional and behavioural aspects of attitudes. The functional basis of attitude formation. Social processes of attitude elicitation. Stereotypes and prejudice attitudes. The basis of attitude measurement. The principle of consistency of attitudes.

(ii) Attitudes and Social Behaviour II

Mr A. D. Jones. Six lectures, Lent Term.

Syllabus Social influence processes. Co-operation and competition. Dyadic interaction and exchange theory. Norms and conformity. Leadership and social power. Group decision making and the physical properties of groups. Intergroup conflict.

(iii) Psychological Approaches to the Study of Society

Mr A. D. Jones. Ten lectures, Lent Term.

Syllabus Personality and social behaviour. The processes of socialisation, personality traits and their relationship to racial conflict, economic organization and development. The relationship between cultural and social class characteristics and intelligence, perception and attitudes etc. Rules and behaviour in institutions. Selected topics from industrial psychology, mass media studies, exchange theory, interpersonal communication and group dynamics.

Recommended reading will be given during the course.

699(a) Social Psychology: Cognition and Attitudes (Classes)

Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

699(b) Social Psychology: Cognition and Attitudes (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr. B.A./B.Sc. (Soc.) Branch I 3rd yr.

699(c) Social Psychology: Psychological Approaches (Classes)

Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Geog., Soc. Anth., Soc.

700 Assumptions and Methods of Social Psychological Research

Mr Gaskell, Dr Oppenheim, Dr Stockdale and other members of the department. Twenty-four lectures and laboratory sessions. Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus Theory and practice of interviewing; introduction to further aspects of survey methodology, especially attitude scaling and questionnaire design. Experimental methods in social psychology, especially in relation to attitude change, interpersonal influence and group decision making. Statistical methods relevant to social psychological research, particularly analysis of variance and correlation.

701 Psychological Statistics

Dr Stockdale. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

701(a) Classes

Sessional, in connection with Course 701.

702 Learning, Memory and Thinking

Dr Seaborne and Dr Stockdale. Twenty-five lectures, Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus The course will deal with recent studies of learning especially those concerned with complex behavioural processes such as social learning, changes in cognitive functioning with age, language development applications to clinical psychology and perceptual learning.

702(a) Learning, Memory and Thinking (Classes)

Fortnightly, Sessional.

703 Personality, Motivation and Development I

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

(i) Personality and Motivation I

Dr A. P. E. L. Sealy. Twenty lectures, Michaelmas and Lent Terms.

Syllabus Clinical *versus* statistical prediction in the study of personality; individual differences in personality as revealed by description, self-report, behaviour, physiological reactions and symptom clusters. Concepts of trait, type and dimension. Structure of personality; defence and coping mechanisms; human motivations and emotion. Introduction to the theory and practice of personality measurement by questionnaire, projective techniques and repertory grid methods.

Recommended reading I. Janis, R. Holt, I. Kagan and G. F. Mahl, *Personality;* S. Maddi, *Personality Theories: a Comparative Analysis;* C. Hall and G. Lindzey, *Theories of Personality: Readings;* G. W. Allport, *Pattern and Growth in Human Personality;* R. Munroe, *Schools of Psychoanalytic Thought;* S. Freud, *New Introductory Lectures;* A. Freud, *The Ego and the Mechanisms of Defence;* P. Fraisse and J. Piaget, *Motivation, Emotion and Personality;* R. S. Lazarus and E. Opton (Eds.),

Personality; C. N. Cofer and M. H. Appley, *Theories of Motivation;* P. E. Vernon, *Personality Assessment: a Critical Review;* W. Mischel, *Personality Measurement;* D. E. Fiske, *Measuring the Concepts of Personality;* I. Murstein, *Handbook of Projective Techniques.*

(ii) Child Development I

Mrs Geber. Twenty lectures, Michaelmas and Lent Terms.

Syllabus Processes of growth and maturation; neonatal behaviour. Social attachments; social and emotional development. The psychology of play. Cognitive growth and the development of intelligence. The acquisition of language and grammar. Societal influences on development with particular reference to crosscultural and intracultural variations in child rearing practices. The development of moral behaviour.

Recommended reading P. Mussen, J. Kagan and J. Conger, *Child Development and Personality;* H. W. Maier, *Three Theories of Child Development;* J. H. Flavell, *The Developmental Psychology of Jean Piaget;* J. Bruner, R. R. Olver and P. M. Greenfeld, *Studies in Cognitive Growth;* S. Isaacs, *Social Development in Young Children;* R. Sears, L. Rau and R. Alpert, *Identification and Child Rearing;* J. McV. Hunt, *Intelligence and Experience;* J. Bowlby, *Attachments and Loss,* Vol. 1.
Other reading will be given during the course.

703(a) Personality, Motivation and Development (Classes)

Sessional.

704 Perception and Skill

Mr Hotopf. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.

Syllabus Perceptual organization. Constancies. Visual illusions. Frame of reference and set as organizing factors. Phoneme perception. Temporal relationships in perception.

Theories of perception: Gestalt, Hebb and information theory approaches. The characteristics of skilled behaviour. Control and adaptive system models of skill. Theories of attention. Anticipation, short-term storage and information-processing in skill. Reception and production of language.
Motor theories of perception. Theories of pattern recognition.

Recommended reading INTRODUCTORY: R. L. Gregory, *Eye and Brain;* J. E. Hochberg, *Perception;* G. A. Miller, E. Galanter and K. H. Pribram, *Plans and the Structure of Behaviour;* M. D. Vernon, *The Psychology of Perception;* A. Summerfield (Ed.), *Experimental Psychology (Brit. Med. Bull.,* 1964, XX); TEXTBOOKS: R. H. Day, *Human Perception;* P. M. Fitts and M. I. Posner, *Human Performance;* J. J. Gibson, *Perception of the Visual World;* D. Legge (Ed.), *Skills;* D. O. Hebb, *The Organization of Behaviour;* U. Neisser, *Cognitive Psychology;* D. A. Norman, *Memory and Attention.*
FURTHER READING: D. E. Broadbent, *Perception and Communication;* W. N. Dember, *The Psychology of Perception;* N. F. Dixon, *Subliminal Perception;* C. W. Eriksen (Ed.), *Behaviour and Awareness;* C. Cherry (Ed.), *Information Theory;* R. N. Haber (Ed.), *Contemporary Theory and Research in Visual Perception;* I. P. Haward and W. B. Templeton, *Human Spatial Orientation;* F. P. Kilpatrick (Ed.), *Human Behaviour from the Transactional Point of View;* K. Koffka, *Principles of Gestalt Psychology;* L. Uhr (Ed.), *Pattern Recognition;* M. D. Vernon (Ed.), *Experiments in Visual Perception;* A. T. Welford, *Fundamentals of Skill;* H. A. Witkin *et al., Personality through Perception.*

704(a) Perception and Skill (Classes)

Mr Hotopf. Fortnightly, Sessional.

705 Abnormal Psychology

Various lecturers. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. main field Soc. Psych. 2nd yr. Optional for M.Sc.

Syllabus A set of lectures by invited specialists on several aspects of abnormal psychology, including abnormalities in childhood.

706 Advanced Social Psychology (Seminar)

Professor Himmelweit and others. Forty seminars, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus The emphasis of this course will be on present theoretical and methodological concerns in social psychology.
A selection will be made from the following: social and cultural factors in social perception of people and events; cognitive complexity and its bearing on attitude organization and belief systems; attitude and behaviour change; the conflict between stability and change. Cross-cultural research. The process of adaptation to norms and values. An analysis of the theoretical and empirical approaches to the study of interaction in groups. Interaction of the individual and the social system.
Students are expected to attend Course 716(iii).

707 Child Development II (Seminar)

Mrs Geber. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus The development of attitudes and of social concepts. Adjustment to society, the process of socialisation. An examination of theories of development including psychodynamic and learning theory approaches. Adolescence, maturity and ageing. Students taking this course are expected to attend Course 705.

708 Information Processing (Seminar)

Dr Seaborne and Dr Stockdale. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr. Optional for M.Sc.

Syllabus This course is concerned with the acquisition, retention and utilisation of information in a variety of situations. In particular it will deal with models for the development and operation of form perception, the acquisition of perceptual-motor skills, short-term memory, decision making and the effects of stress on performance.

709 Personality and Motivation II (Seminar)

Dr A. P. E. L. Sealy. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus An analysis of the relationships between personality and psychopathology, especially schizophrenia and deviance. Self theory. Psychoanalytic and other theories of affect. Multivariate approaches to personality assessment. Self-concept and alienation. Students taking this course are expected to attend Course 705.

Recommended reading B. Maher, *Principles of Psychopathology;* J. Wiggins *et al., The Psychology of Personality;* M. Arnold, *Emotion and Personality;* R. B. Cattell (Ed.), *Handbook of Multivariate Experimental Research.*

710 Psycholinguistics (Psychology Seminar)

Mr Hotopf. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.

711 Cognitive Psychology (Seminar)

Mr Hotopf, Dr Seaborne and Dr Stockdale. Weekly, Lent Term.

Optional for B.Sc. main field Soc. Psych. 2nd and 3rd yrs. and graduate students. Papers will be presented by members of staff and outside speakers.

B.Sc. c.u. main field Soc. Psych. third-year students are also referred to Courses 713, 714, 716(iii), 720, 724 and 725.

FOR GRADUATE STUDENTS

713 The Role of the Mass Media
Professor Himmelweit. Five lectures, Michaelmas Term.

For graduate students and B.Sc. c.u. main field Soc. Psych. 3rd yr. Optional for students in other departments.

714 Communication and Attitude Change (Seminar)
Professor Himmelweit. Sessional.

For M.Sc. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr. Students taking this course must attend Course 713.

715 Language, Thought and Communication (Seminar)
Mr Hotopf. Sessional.

For M.Sc.

716 Social Psychological Methods of Research
Sessional.

Sections (i), (ii) and (iii) for psychology graduates. Section (iii) for B.Sc. c.u. main field Soc. Psych. 3rd yr.

(i) Advanced Survey Methodology
Dr Oppenheim. Michaelmas Term.

(ii) Experimental Methods
Mr Gaskell. Lent Term.

(iii) Techniques of Data Analysis and Data Processing
Dr Stockdale and others. Ten lectures, Michaelmas and Lent Terms.

All students are expected to take the short Fortran Course offered by the Computer Unit.

717 Social Psychology of Organizations. The Nature and Derivation of the Social Formal (Seminar)
Mr R. Holmes. Sessional.

For M.Sc.

718 Personality (Seminar)
Dr A. P. E. L. Sealy. Sessional.

For M.Sc.

Syllabus Individual differences and dynamic approaches to the study of personality; cognitive theories; stress and coping mechanisms; activation; self theories; problems of assessment and change in personality.
Before joining this course it is suggested that students should be well acquainted with the following or their equivalents: L. Janis, R. Holt, I. Kagan and G. F. Mahl, *Personality;* S. Maddi, *Personality Theories;* E. Borgatta and W. Lambert, *Handbook of Personality Theory and Research*, chaps. 7, 10, 12, 20 and 21.

719 Groups and Group Functioning (Seminar)
Mr Gaskell. Sessional. This course will not be given in 1972-73.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

720 Social Psychology of Conflict (Seminar)
Dr Oppenheim. Michaelmas and Lent Terms.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

721 Child Development and Socialisation (Seminar)
Mrs Geber. Sessional.

For M.Sc.

722 Interpersonal Behaviour (Seminar)
Mr A. D. Jones. Sessional.

For M.Sc.

723 Industrial Psychology
Mr R. Holmes. Thirteen lectures and classes, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Individual maturation and maladjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations, resistance to change.
The nature of incentives. Supervisory and other leadership. Psychological and organizational factors in communication.

Recommended reading M. S. Viteles, *Motivation and Morale in Industry;* N. R. F. Maier, *Psychology in Industry;* H. Croome, *Human Problems of Innovation;* J. Woodward, *Management and Technology;* D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society.*
Further reading will be recommended during the course.

724 The Psychological Study of Social Issues (Seminar)
Professor Himmelweit and Dr Oppenheim. Michaelmas and Lent Terms.

For M.Sc.; B.Sc. c.u. main field Soc. Psych. 3rd yr.

Syllabus A number of topics will be discussed in some depth, depending on student and staff interests: the examination of the application of social psychology to industry, education, work, race relations, social medicine, political behaviour, the mass media, legal procedure etc.

725 Psychology (Seminar)
Professor Himmelweit. Fortnightly, Sessional.

Papers will be presented by members of staff and outside speakers.

Psychology graduates are expected to attend Course 976 and are also referred to Courses 705, 706 and 711.

Social Science and Administration

740 Social History and Social Policy

Dr Harris. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch III, 2nd yr.; B.Sc. S.S. and A. 1st yr.; B.Sc. c.u. main fields Geog., Maths., Soc.; Dip. Soc. Admin. 1st yr. Optional for Dip. Soc. Admin. one-yr.

Syllabus An outline of changes in English social structure, policy and institutions between the industrial revolution and the second world war.

Recommended reading E. J. Hobsbawm, *Industry and Empire;* E. P. Thompson, *The Making of the English Working Class;* M. E. Rose, *The English Poor Law 1780-1930;* D. Roberts, *Victorian Origins of the British Welfare State;* H. Parris, *Constitutional Bureaucracy;* G. Stedman Jones, *Outcast London;* B. B. Gilbert, *The Evolution of National Insurance in Great Britain; British Social Policy 1914-39;* R. Skidelsky, *Politicians and the Slump;* T. H. Marshall, *Social Policy in the 20th Century.*

741 Social Policy

Professor Titmuss. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branches I and III 3rd yr.; B.Sc. S.S. and A. 1st yr.; B.Sc. c.u. main fields Geog., Maths., Soc.; Dip. Soc. Admin. (one-yr. incl. Overseas Option and second yr.). Optional for Dip. Development Admin.

Syllabus Definition, scope and content of social policy. Theoretical and philosophical considerations in assessing the role of government in the field of social welfare. Issues of principle, methods of studying and the use of welfare models. The theory and practice of redistribution; the measurement of benefits and the costs of change. The application of models to the British welfare system. Objectivity and value choices.

Recommended reading B. B. Gilbert, *British Social Policy 1914-1939;* D. V. Donnison *et al., Social Policy and Administration;* T. H. Marshall, *Social Policy;* R. K. Merton and R. A. Nisbet, *Contemporary Social Problems;* H. B. Acton, *The Morals of Markets: An Ethical Exploration;* T. Parsons, *The Social System;* K. E. Boulding, *Principles of Economic Policy;* J. K. Galbraith, *The Affluent Society;* Wilbert Moore, *Social Change;* S. I. Benn and R. S. Peters, *Social Principles and the Democratic State;* G. D. Gurvich, *The Spectrum of Social Time;* Joan Robinson, *Economic Philosophy;* R. M. Titmuss, *Commitment to Welfare; The Gift Relationship*; K. J. Arrow, "Uncertainty and the Welfare Economics of Medical Care" (*The American Economic Review*, Vol. LIII, No. 5, Dec. 1963); D. S. Lees, *Freedom or Free-for-all?;* W. G. Runciman, *Relative Deprivation and Social Justice;* A. MacIntyre, *A Short History of Ethics;* R. Pinker, *Social Theory and Social Policy.*

742 Social Science and Social Policy Classes.

Sessional.

For B.Sc. S.S. and A. 1st year. These classes relate to courses 416, 740 and 741.

743 Development of Social Administration

Various lecturers. Twenty-five lectures, Sessional.

For B.A./B.Sc. (Soc.) Branch III 2nd yr.; Dip. Soc. Admin. 1st yr. and one-yr.

Syllabus An introduction to the subject of Social Administration followed by an examination of the more recent developments since the 1930s. A survey in greater detail of the main fields of social administration: income redistribution, education, housing, medical care and the personal social services.

Recommended reading M. Brown, *Introduction to Social Administration in Britain;* D. V. Donnison *et al, Social Policy and Administration;* T. H. Marshall, *Social Policy;* K. M. Slack, *Social Administration and the Citizen;* R. M. Titmuss, *Essays on the Welfare State.*

744 Contemporary Aspects of Social Administration

Various lecturers. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Soc.) Branch I, 3rd yr., Branch III 2nd yr.; Dip. Soc. Admin. 2nd yr. and one-yr. **Summer Term** also for Dip. Soc. Admin. 1st yr.

Syllabus Detailed consideration of a number of contemporary aspects of social administration. These will probably include such topics as the work of the Supplementary Benefits Commission, racial discrimination and the work of bodies like the Race Relations Board and the Community Relations Commission, the rights of consumers of the social services and their participation in decision making.

745 Urban Planning Policies

Professor Donnison. Ten lectures, Lent Term.

For M.Sc.; B.A./B.Sc. (Soc.) Branch III 3rd yr.; Dip. Soc. Admin. 2nd yr. Optional for B.A./B.Sc. (Soc.) Branch I 3rd yr.; Dip. Soc. Admin. one-yr.

Syllabus A discussion of urban structure and the spatial context for social policies. City government, and the ideologies that inform planning at the urban scale.

Recommended reading W. Ashworth, *The Genesis of Modern British Town Planning;* B. T. Robson, *Urban Analysis;* Emrys Jones, *A Social Geography of Belfast;* J. Jacobs, *The Economy of Cities;* D. Easton, *A Framework for Political Analysis;* J. S. Mill, *Essays;* B. Barry, *Political Argument;* A. Downs, *An Economic Theory of Democracy.*

746 Social Administration (Classes)

For Dip. Soc. Admin., one-yr., 1st and 2nd yrs.; B.A./B.Sc. (Soc.) Branch I, 3rd yr.; Branch III, 2nd and 3rd yrs.; B.Sc. c.u. main fields Geog., Maths, Soc.

747 Central and Local Government Administration (Seminar)

Dr Regan and Mr A. L. Webb. Sessional.

For B.A./B.Sc. (Soc.) Branch III 3rd yr.

Syllabus This course is divided into two parts. The first half consists of an examination of the main administrative and political problems of central and local government in providing services. Particular attention is paid to the interaction between the two levels of government. The second half of the course is a study in depth of the reorganization of London government and its effects upon the administration of services in the Metropolis.

Recommended reading FIRST PART: R. G. S. Brown, *The Administrative Process in Britain;* J. A. G. Griffith, *Central Departments and Local Authorities;* W. J. M. Mackenzie, *Theories of Local Government;* J. P. Mackintosh, *The Devolution of Power;* W. A. Robson, *Local Government in Crisis;* Evelyn Sharp, *The Ministry of Housing and Local Government.* SECOND PART: *Report of the Royal Commission on Local Government in Greater London* (Cmnd. 1164, 1960); G. Rhodes, *The Government of London: The Struggle for Reform; The Government of London: The First Five Years;* G. Rhodes and S. K. Ruck, *The Government of Greater London;* F. Smallwood, *Greater London: the Politics of Metropolitan Reform;* Greater London Group, *The Lessons of the London Government Reforms;* W. A. Robson and D. E. Regan, *Great Cities of the World: Their Government, Politics and Planning.* See also the Greater London Group's *Greater London Papers* published by L.S.E. Further specialised references will be given in the seminars.

748 Social Policy in Developing Countries (Seminar)

Mrs Hardiman and Dr Midgley. Sessional. This course will not be given in 1972-73.

For Dip. Soc. Admin. one-yr. overseas option; B.A./B.Sc. (Soc.) Branch III 3rd yr.

749 Social Structure and Social Policy in Societies Undergoing Industrialisation (Classes)
For B.A./B.Sc. (Soc.) Branch III 2nd and 3rd yrs.

750 Introduction to Social Work
For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

(i) Case Work
Three lectures, Lent Term.

(ii) Group Work
Four lectures, Lent Term.

(iii) Community Work
Three lectures, Lent Term.

751 Aspects of Social Work
Various lecturers. Ten lectures, Lent Term.
For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

752 Values and Ethics in Social Work (Seminar)
This course will not be given in 1972-73.

753(a) Visits of Observation Classes
For Dip. Soc. Admin., one-yr. incl. Overseas Option and 1st yr.

753(b) Field Work Classes
For Dip. Soc. Admin., one-yr. incl. Overseas Option, 1st and 2nd yrs.

754 British Social History: Special Aspects
Professor McGregor, Professor Ilersic and Dr Burnett. Lent Term. At Bedford College.
For B.A./B.Sc. (Soc.) Branch III 2nd yr.

754(a) British Social History (Seminar)
Professor McGregor. Sessional. At Bedford College.
For B.A./B.Sc. (Soc.) Branch III 3rd yr.

Syllabus and **recommended reading** will be given during the course.

755 British Political, Administrative and Legal Institutions Case Studies (Classes)
Dr Burton and Mr Drewry. Michaelmas Term. At Bedford College.
For B.A./B.Sc. (Soc.) Branch III 2nd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

755(a) British Political, Administrative and Legal Institutions (Classes)
Dr Burton and Mr Drewry. Fortnightly, Sessional. At Bedford College.
For B.A./B.Sc. (Soc.) Branch III 3rd yr.

Syllabus and **recommended reading** will be given at the beginning of the course.

756 The Family in Law and Society
Professor McGregor and Dr Blom-Cooper. Twenty lectures, Michaelmas and Lent Terms. At Bedford College.
For B.A./B.Sc. (Soc.) Branch III 2nd yr.

Syllabus and **recommended reading** will be given during the course.

756(a) The Family in Law and Society (Classes)
At Bedford College, in connection with Course 756.
For B.A./B.Sc. (Soc.) Branch III 3rd yr.

757 The Financing of the Social Services
Mr Piachaud. Ten Lectures, Lent Term.
For B.A./B.Sc. (Soc.) Branch III 2nd year; Dip. Soc. Admin. one-yr. and 2nd yr.
Syllabus The tax system, and its social implications; historical trends and recent developments in the costs and financing of the social services. The problems of allocating resources to different services. The development of income maintenance programmes and the effects of changes in the methods of subsidising local authority services. Project appraisal and social planning.
Recommended reading will be given during the course.

758 Economics (Classes)
(a) Fortnightly, Sessional.
For Dip. Soc. Admin. 1st and 2nd yrs., and one-yr., incl. Overseas Option.

(b) Fortnightly, Sessional.
For B.A./B.Sc. (Soc.) Branch III 2nd and 3rd yrs.

(c) Weekly, Sessional.
For B.Sc. S.S. and A. 1st yr.

759 Quantitative Research Methods in Social Administration (Class)
Dr Davies. Sessional.
Optional for Dip. Soc. Admin. 2nd yr. and one-yr.

760 Psychology in Social Administration
Professor Plowman. Five lectures, Lent Term.
For Dip. Soc. Admin. one-yr. incl. Overseas Option and 2nd yr.; B.A./B.Sc. (Soc.) Branch III 2nd yr.

Syllabus and **recommended reading** will be given during the course.

761 Psychology (Classes)
(a) Fortnightly, Sessional.
For B.A./B.Sc. (Soc.) Branch III 2nd yr.

(b) Fortnightly, Sessional.
For Dip. Soc. Admin. one-yr. incl. Overseas Option 1st and 2nd yrs.

762 Social Structure (Classes)
(a) Fortnightly, Lent Term.
For Dip. Soc. Admin. 1st yr.

(b) Fortnightly, Sessional.
For Dip. Soc. Admin. 2nd yr. and one-yr.

(c) Weekly, Lent and Summer Terms.
For Dip. Soc. Admin., Overseas Option one-yr.

763 Introduction to Sociology (Classes)
Fortnightly, Sessional.
For B.Sc. S.S. and A. 1st yr.

764 Social Theory (Class)
Fortnightly, Sessional.
For B.A./B.Sc. (Soc.) Branch III 2nd and 3rd yrs.

765 (a) Social Security Seminar
Mr Reddin. Sessional.
For B.A./B.Sc. (Soc.) Branch III 2nd yr.

765 (b) Social Security Seminar
Mr Reddin. Michaelmas and Lent Terms.
For B.A./B.Sc. (Soc.) Branch III 3rd yr.

766 Seminar on Supplementary Benefits

Mr Lynes. Sessional.

For any interested students from the department of Social Science and Administration.

Syllabus A description of the nature and conditions of entitlement to Supplementary Benefits, procedures for claiming and appealing against decisions. Case studies will be used.

FOR GRADUATE STUDENTS

M.Sc.: Social Administration and Social Work Studies—Option A

768 Social Policy and Administration (Seminar)

Professor Titmuss and Professor Abel-Smith. Sessional.

For M.Sc.: *Social Policy and Administration*; other students may attend with the consent of the lecturers.

Syllabus The formation and development of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. The problems of redistributive justice and ethical issues in social policy. The assessment of the effects of the social services and social policies. Concepts of need and social welfare. The contributions made by political, professional, and charitable bodies to the development of collective action to promote social welfare. The structure, functions and forms of administration of social services provided by the state, charitable institutions and employers.
This course will be concerned only in general terms with special branches of the social services covered by other papers, e.g. social security, medical care and the welfare services. It will take account of historical developments and will include, where appropriate, comparative developments in other countries and focus on current policy questions.

Recommended reading M. Bruce, *The Coming of the Welfare State;* B. B. Gilbert, *The Evolution of National Insurance in Great Britain;* D. V. Donnison and others, *Social Policy and Administration;* R. M. Titmuss, *Essays on The Welfare State; Income Distribution and Social Change;* D. S. Lees, *Freedom or Free-for-all?;* W. G. Runciman, *Relative Deprivation and Social Justice;* Kathleen M. Slack, *Social Administration and the Citizen;* E. Burns, *Social Security and Public Policy;* A. B. Atkinson, *Poverty in Britain and the Reform of Social Security.*

769 Medical Care (Seminar)

Professor Abel-Smith and Mrs Rose. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Medical Care* and *Medical Sociology*; other students may attend with the consent of the lecturer.

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.

770 Social Security (Seminar)

Mr Reddin and Dr Harris. Michaelmas and Lent Terms. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Social Security*; other students may attend with the consent of the lecturers.

Syllabus Social security is defined broadly

to include not only national insurance, injuries and assistance provisions, but also provisions for income maintenance provided by courts, tax allowances which meet family needs, fringe benefits and private insurance. The historical development of social security provisions in Britain; the definition of poverty and criteria for determining the scope and level of social security benefits; the economic and financial problems of social security; the legal framework of social security; comparisons with provisions in other high-income countries.

Recommended reading B. Abel-Smith, "Social Security" in M. Ginsberg (Ed.), *Law and Opinion in the Twentieth Century;* B. B. Gilbert, *The Evolution of National Insurance in Great Britain; British Social Policy 1914-1939;* W. Beveridge, *Social Insurance and Allied Services* (Cmd. 6404, 1942); B. Abel-Smith and P. Townsend, *The Poor and the Poorest;* A. F. Young, *Industrial Injuries Insurance;* Labour Party, *National Superannuation*, 1957; P. Townsend and D. Wedderburn, *The Aged in the Welfare State;* Ministry of Pensions and National Insurance, *Provision for Old Age* (Cmnd. 538, 1958); T. Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Seldon, *Pensions in a Free Society;* Department of Health and Social Security, *National Superannuation and Social Insurance* (Cmnd. 3883); T. Lynes, *Labour's Pension Plan* (Fabian Society, 1969); *National Superannuation* (Cmnd. 4195); D. Marsden, *Mothers Alone: Poverty and the Fatherless Family;* A. B. Atkinson, *Poverty in Britain and the Reform of Social Security;* V. George, *Social Security: Beveridge and After;* H.M.S.O., *Social Trends;* M. Hanser, *Economics of Unemployment Insurance.*

771 Welfare Services (Seminar)

Dr Davies and Mr A. L. Webb. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Welfare Services*; other students may attend with the consent of the lecturer.

Syllabus The evolution of the local authority social services departments. The Seebohm Report on local authority personal social services. Problems of organization, staffing and inter-agency co-ordination. The social work contribution through casework, residential care and community work. Assessment of community needs, problems of priorities and evaluation of provisions. Social deviance and concepts of community welfare. Aims, objectives and administration of the social services department.

Recommended reading *Report of the Committee on Local Authorities and Allied Personal Social Services* (Seebohm, Cmnd. 3703); *Report of the Working Party on Social Workers in the Local Authority Health and Welfare Services* (Younghusband); *Community Work and Social Change* (Calouste Gulbenkian Foundation); B. N. Rodgers and J. Dixon, *Portrait of Social Work;* J. Parker, *Local Health and Welfare Services;* E. M. Goldberg, *Helping the Aged;* A. Harris, *Social Welfare for the Elderly;* P. Townsend and D. Wedderburn, *The Aged in the Welfare State;* J. Heywood, *Children in Care;* J. Packman, *Child Care Needs and Numbers;* A. F. Philip, *Family Failure;* P. Hunt (Ed.), *Stigma: the Experience of Disability;* S. Sainsbury, *Registered as Disabled;* K. Jones, *Mental Health and Social Policy;* J. Tizard, *Community Services for the Mentally Handicapped.*

772 Housing and Town Planning (Seminar)

Dr Levin. Michaelmas and Lent Terms. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Housing and Town Planning;* M.Sc. in Regional and Urban Planning; other students may attend with the consent of the lecturer.

Syllabus Social and economic aspects of housing markets. The development of British housing policies. Governmental and other agencies and institutions in Britain today: their roles and relation-

ships, their influence in the building and allocation of housing, implications for the consumer. Housing problems: slums, multi-occupation and homelessness. Central and local housing policies for the future.
Town planning as a tool of social policy. Strategic and comprehensive planning. New towns and town development schemes: the physical, social and economic development of new communities. Urban decay and renewal: problems, policies and their implications. Decision making and public participation in planning. Housing, town planning and the structure of local government.

Recommended reading D. V. Donnison, *The Government of Housing;* J. B. Cullingworth, *Housing and Local Government in England and Wales;* A. A. Nevitt, *Housing, Taxation and Subsidies;* W. F. Smith, *Housing—The Social and Economic Elements;* M. Bowley, *Housing and the State; The British Building Industry;* J. A. G. Griffith, *Central Departments and Local Authorities;* Ministry of Housing and Local Government, *Council Housing—Purposes, Procedures, Priorities; Report of the Committee on Housing in Greater London* (Cmnd. 2605); *The Needs of New Communities; People and Planning* (Skeffington Report); E. Burney, *Housing on Trial;* W. Ashworth, *The Genesis of Modern British Town Planning;* P. Self, *Cities in Flood;* G. Cherry, *Town Planning in its Social Context;* F. J. Osborn and A. Whittick, *New Towns—the Answer to Megalopolis;* Greater London Council, *Greater London Development Plan—Statement; Tomorrow's London;* Royal Commission on Local Government in England, *Report* (Cmnd. 4040, Vols. I and II).

773 Educational Administration (Seminar)

Dr D. M. Downes, Mr Glennerster and Dr Blackstone. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.: *Educational Administration;* other students may attend with the consent of the lecturers.

Syllabus The aim is to cover the literature relevant to each level of education and to the economic and sociological aspects of the subject. Outside speakers with experience in the field will be invited at regular intervals. Part of the session is left so that topics can be arranged to fit in with the particular interests of the group.

Recommended reading G. Baron and W. Taylor (Eds.), *Educational Administration and the Social Sciences;* O. Banks, *The Sociology of Education;* P. W. Musgrave, *Society and Education in England since 1800;* T. Burgess, *A Guide to English Schools;* J. Vaizey, *Resources for Education.*
A more detailed bibliography will be distributed at the beginning of the session.

774 Quantitative Concepts in Social Administration

Dr Davies. Lent Term.

For M.Sc.

Syllabus The measurements of some concepts important in social administration and political studies—for instance, "needs", "poverty", "stigma", "demand", "supply", "movement"—in research studies, and the quantified theory relating to them; the sources of data and their potential development.

775 Case Studies of Research Methods in Social Administration

Dr Davies. Sessional. This seminar will be held only if there is a sufficient number of students.

For M.Sc.: Social Administration and Social Work Studies (A); other students may attend only with the consent of the lecturer.

OTHER GRADUATE COURSES

776 Seminar in Social Administration

Professor Abel-Smith. Sessional.

For M.Phil. and Ph.D. students.

777 Welfare Rights and Participation

Mrs Rose. Sessional.

Admission by permission of the lecturer.

Personnel Management

Diploma Courses

780 Principles and Practice of Personnel Management

Baroness Seear and others. Sessional.

For Diploma in Personnel Management.

Syllabus These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organizations. The main aspects of personnel policy are discussed and the developing practices of different organizations are studied. The topics include: manpower forecasting and planning recruitment; appraisal and promotion; incentives and the principles and methods of remuneration; problems of communication, consultation and participation.

Recommended reading A bibliography will be recommended during the course of the lectures.

780(a) Classes

Sessional. In connection with Course 780.

780(b) Principles and Practice of Personnel Management: Training and Education

Various lecturers. Lent Term.

781 Industrial Psychology

Mr R. Holmes. Thirty-five lectures, Sessional.

For Diploma in Personnel Management.

Syllabus Individual maturation and adjustment.
Factors leading to the formation of industrial groups. Morale and its breakdown; co-operative and competitive situations, resistance to change.
Psychological and organizational factors in communication.
The nature of incentives; supervisory and other leadership. Personnel counselling. Supervisory training.

Recommended reading N. R. F. Maier, *Psychology in Industry;* M. S. Viteles, *Motivation and Morale in Industry;* J. Piaget, *The Moral Judgment of the Child;* J. A. C. Brown, *The Social Psychology of Industry;* W. Brown, *Exploration in Management;* H. Croome, *Human Problems of Innovation;* H. J. Eysenck, *Uses and Abuses of Psychology;* J. Woodward, *Management and Technology;* L. R. Sayles, *The Behaviour of Industrial Work Groups;* W. F. Whyte and others, *Money and Motivation;* A. Zaleznik and others, *The Motivation, Productivity and Satisfaction of Workers.*

781(a) Industrial Psychology (Class)

Mr R. Holmes. In connection with Course 781.

782 Methods of Social Research in Industry

Mr Guest. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For students who will be undertaking project work for Part II of the Diploma in Personnel Management.

Note The numbers of the additional courses taken by Diploma in Personnel Management students are listed on page 257.

783 The Sociology of Management

Ten lectures, Lent Term. This course will not be given in 1972-73.

For M.Sc.; Diploma in Personnel Management.

Syllabus The origins of the managerial role. The analysis of managerial functions. Empirical studies of managerial behaviour. Studies of managerial careers and professionalisation. Managerial ideologies and value systems. Human aspects of managerial control procedures. Cultural

influences upon management style and organization. Role conflict and problems of bureaucracy.

Recommended reading BASIC TEXTBOOKS: J. M. Pfiffner and F. P. Sherwood, *Administrative Organisation;* J. O'Shaughnessy, *Business Organization.* FURTHER READING: J. Child, *British Management Thought;* S. Pollard, *The Genesis of Modern Management;* S. Carlson, *Executive Behaviour;* R. Stewart, *Managers and Their Jobs;* R. N. Rapoport, *Mid-Career Development;* C. Sofer, *Men in Mid-Career;* M. Haire *et al*, *Managerial Thinking: An International Study;* R. L. Kahn *et al*, *Organisational Stress;* G. Hofstede, *The Game of Budget Control;* M. L. J. Abercrombie, *The Anatomy of Judgment;* A. Crosby, *Creativity and Performance in Industrial Organisation;* M. Crozier, *The Bureaucratic Phenomenon;* M. Dalton, *Men Who Manage;* L. Sayles, *Managerial Behaviour;* H. A. Simon, *Administrative Behaviour;* C. Perrow, *Organizational Analysis.*

Non-Diploma Course

784 Introduction to Personnel Management
Baroness Seear. Five lectures, Lent Term.
For M.Sc.

785 Seminar on Management Problems
Baroness Seear and others. Sessional.
For all students taking the M.Sc. in Management Studies.

Diploma in Social Work Studies

(This Diploma replaces the Diploma for Social Workers in Mental Health and the Diploma in Applied Social Studies.)

Note Lectures and seminars numbered 790 to 809 are restricted to students registered for this course.

790 Introduction to Methods of Social Work
Miss Butrym, Miss Sinanoglou and others. Sixteen lectures. Michaelmas Term.

791 Principles and Practice of Social Work
Miss Butrym, Miss Elkan, Miss Edmonds, Mr Gregory, Mr Howell, Mr Sage, Miss Sinanoglou and Mrs Thomas. Twenty-seven seminars, Sessional.

Syllabus The aim of the seminars is to provide the necessary background theory through a study of concepts and methods used in social work. The study of casework is a major part of these seminars, but attention is also given to group and community work. The seminars are closely related to the various lecture courses and form a bridge between these and field work.

792 Social Work and Social Problems
Mr Howell, Mr Sage, Miss Wilson and others. Twelve lectures, Michaelmas and Lent Terms.

Syllabus This course discusses a number of social problems and considers the ways in which such phenomena come to be defined as a "social problem". Theories of description (e.g. "deviance", "social disorganization") and theories of causation. The part played by social work and the social sciences in defining and dealing with social problems.

793 Human Growth and Development
Dr Stewart Prince. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The biological and psychological

development of the individual from birth until old age, and the relevance of modern theories of personality to each phase of development. Psycho-analytic theory and its derivatives. Deviations from the normal commonly met with in social work practice. Parent-child relationships, family dynamics and the psychology of marriage. The implications of such adverse experience as emotional deprivation, illness, bereavement and placement in an abnormal environment.

794 Clinical Psychiatry
Dr Cawley. Ten lectures, Michaelmas and Lent Terms.

Syllabus The concept of mental illness and its significance in medical and psychiatric practice. The interplay of somatic, psychological, and social interactional variables in the genesis of symptoms, interpersonal difficulties, and deviant behaviour. The work of the psychiatric team. The phenomena and classification of mental illness, and the contrasting features of different syndromes. Consideration of each of the main groups of syndromes, with special regard to (*a*) theories concerning biological, developmental and psychosocial aspects of causation; and (*b*) a multi-dimensional approach in management and treatment. The scope and limitations of somatic (physical) methods of treatment. Types of psychotherapy and indications and contra-indications for their use. Social treatment and family therapy; management in the hospital and in the community.

795 Clinical Aspects of Child Development
Dr Hersov. Eight seminars, Lent and Summer terms.

Syllabus Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case. Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique. Aetiology of psychoneurosis, antisocial tendency and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

796 The Meaning of Health and Disease
Dr Thurston. Eight lectures, Lent Term.

Syllabus The basic principles underlying health and ill-health. The physiology and pathology of the main systems of the body and the incidence of the more common diseases in the different age groups. The interaction of medical, social and emotional factors.

797 Theories of Personality Development
Professor Plowman and Miss Elkan. Eight lectures, Michaelmas Term.

798 Theories of Small Groups
Miss Sinanoglou. Five lectures, Lent Term.

799 Family and Marital Interaction
Mr Woodhouse, Summer Term.

800 Forms of Substitute Care
Miss Edmonds. Five lectures, Lent Term.

801 Psycho-Social Aspects of Health Care
Miss Butrym. Eight lectures, Lent Term.

Syllabus The course is primarily concerned with a study of the differing concepts of health and medical care, with the various factors influencing these, and with their effects on the health services. Particular attention will be given to the following more specific aspects of the theme: the cultural and social influences affecting people's attitudes towards health, sickness, and medical care; the characteristics of the various health institutions including the issues involved in an integration of the scientific and the "whole person

medicine" approaches; the place of social work in promoting health through participation in preventive, therapeutic and rehabilitative programmes; and the various obstacles to a truly effective contribution by social workers in this field.

Recommended reading will be given during the course.

802 Organization and Social Policy
Dr Hadley and Mr A. L. Webb. Ten lectures, Michaelmas Term.

Syllabus Some of the key administrative problems and processes associated with social welfare organizations. The manner in which scarce services are allocated. The relationships between organizations. The processes of organizational growth, development and change. Information, communication and decision. Administrative discretion and the use of professional power. The design of administrative structures.

Recommended reading D. V. Donnison, *Social Policy and Administration;* H. A. Simon, *Administrative Behaviour;* J. G. March and H. A. Simon, *Organization;* E. Powell, *Medicine and Politics;* G. Vickers, *The Art of Judgement;* W. Gamson, *Power and Discontent;* P. Blau and W. R. Scott, *Formal Organizations;* K. Boulding, *The Organizational Revolution;* K. Boulding, *General Theory of Conflict and Defense;* R. L. Kahn and E. Boulding, *Power and Conflict in Organizations;* H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare;* L. T. Wilkins, *Social Deviance.*

803 The Social Services
Miss Butrym, Mr Gregory, Miss Edmonds, Mr Sage, Miss Wilson, Mrs Thomas and Miss Sinanoglou. Eleven seminars, Lent and Summer Terms.

Each series of seminars will consider the social services in relation to a specific social problem. Students can choose one series of seminars which should be related to their field practice.

804 Law and Court Procedure and Welfare Rights
Mr Howell and Mr Sage. Eleven classes, Lent and Summer Terms.

Students may choose from one of the following classes:

805 Psychoanalytic Concepts
Miss Elkan. Summer Term.

806 Community Work
Summer Term.

807 Welfare Rights
Summer Term.

808 Social Work in the Residential Setting
Miss Edmonds. Summer Term.

809 Social Work Research
Dr B. P. Davies and others. Summer Term.

Alternative and/or additional classes may be offered.

For M.Sc. Social Administration and Social Work Studies, Option B.

810 Social Work Studies
Miss Wilson and others. Fifteen seminars. Sessional.

811 Social Problems
Mr Gregory and others. Fifteen seminars, Michaelmas and Lent Terms.

Supervisors to the Diploma in Social Work Studies

Miss M. Eden Mrs K. Allison Miss M. Kernick Miss J. Treseder Miss M. Barratt Miss S. Malin Miss J. Rainey Miss I. Lissman	The Maudsley Hospital, Denmark Hill, SE5 8AZ
Miss M. Weiss Mrs R. Prestage	The Child Guidance Training Centre, 120 Belsize Lane, NW3 5BA
Mrs T. Stoller	The London Hospital, Department of Medical Social Work, Whitechapel, E1 1BB
Miss L. Adler	The Hammersmith Hospital, Department of Social Work, 150 Du Cane Road, W12
Miss K. Brewster	St James's Hospital, Department of Social Work, Sarsfield Road, SW12
Miss F. R. C. Trohear	St Mary's Hospital, Department of Social Work, Praed Street, W2
Miss M. N. Knight	The London Hospital, Psychiatric Department, Whitechapel, E1 1BB
Miss M. Bailey	Middlesex Hospital Medical School, Academic Department of Psychiatry, Mortimer Street, W1N 8AA
Miss C. Tolaini	The Middlesex Hospital, Department of Medical Social Work, Mortimer Street, W1N 8AA
Miss B. Fowles Miss J. Hindson	The Middlesex Hospital, Department of Psychological Medicine, Cleveland Street, W1N 8AA
Mrs M. Abramsky	The Royal Free Hospital, Department of Psychological Medicine, Grays Inn Road, WC1X 8LF
Miss F. McCulley	Belgrave Hospital for Children, 1 Clapham Road, SW9 0JF
Miss W. Roberts Mrs G. Gorrell-Barnes	John Scott Health Centre, Child Guidance Unit, Green Lanes, N4 2NU
Mrs J. Jordan Mrs F. Mendoza	University College Hospital, Children's Psychiatric Department, Gower Street, WC1E 6AU

Miss E. Kielty	Walthamstow Child Guidance Clinic, Hurst Road Health Centre, Forest Road, E17 3BL
Miss N. Dawson	Earl's Court Child Guidance Clinic, 25, Stratford Road, W8
Miss J. Henderson Miss A. Goldie	London Borough of Wandsworth, Social Services Department, Municipal Buildings, High Street, SW18
Miss C. Morgan	London Borough of Lewisham, Social Services Department, Eros House, Rushey Green, SE6
Miss C. Brook	London Borough of Newham, Social Services Department, Town Hall, High Street South, E6
Miss C. Downes	London Borough of Barnet, Social Services Department, Ravenscroft House, 61, Wood Street, Barnet, Herts.
Mr D. George	London Borough of Barnet, Social Services Department, Western Division, Green Shields House, Station Road, Edgware, Middx.
Miss C. Whitby	London Borough of Barnet, Social Services Department, 308 Regent's Park Road, N3 2JX
Mr H. Studdert Miss E. Wilson	London Borough of Tower Hamlets, Social Services Department, Cheviot House, 227, Commercial Road, E1
Miss A. M. Hertoghe Mr G. McLaine	Family Welfare Association, Area 5, 80, North Side, Wandsworth Common, SW18 2QX
Mr P. Harris	London Borough of Lambeth, Social Services Department, 234-244 Stockwell Road, SW9
Mrs M. Blackmore	London Association of Housing Estates, 104 Great Russell Street, WC1B 3LA

This list does not include supervisors who are supervising for the School for the first time this year.

Sociology

I Undergraduate Courses

830 Introduction to Sociology

(i) Professor MacRae. Eight lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. 1st yr., Geog., Maths., Soc. Anth., Soc. Psych.; B.Sc. (Econ.) Part I; Part II 2nd yr.; B.Sc. S.S. and A. 1st yr.

(ii) Mr Hopkins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; Part II 2nd yr.; B.Sc. c.u. main fields Soc. 1st yr., Geog., Maths., Soc. Anth., Soc. Psych.; B.Sc. S.S. and A. 1st yr.; Dip. Personnel Management; Dip. Soc. Admin., incl. Overseas Option (one-year and first year); Dip. Development Admin.; M.Sc.

Syllabus Each of us has spent several years observing ourselves and others behaving. Consciously and unconsciously we have taken into account the thoughts and feelings of others as they behave, even though the evidence which others give us is often ambiguous. Other people with different values and from different sub-cultures and cultures interpret the same behaviour differently. We have a repertory of observations and understandings. Students of sociology should exploit this repertory and try to find out how much it is shared by others —both by conversation, reading (novels and newspapers, as well as sociology books) and observing. This exploration will probably show that each perception encompasses only a small portion of reality, that perceptions conflict with one another and that the values we start with dictate not only what we perceive, but also the questions we ask and what we take for granted.
These problems can also be stated in more formal and abstract language. One advantage of doing this is that it puts our own experience in its place. Individual humans can perceive only a small sector of action. We are born into a society, with our sex, age and social status given. We are each unlike anybody else, a unique configuration; but the components of each configuration are similar to components in other people. Men and women in England aged twenty to twenty-four have high probability of falling in love and marrying. We can predict the probability of marriage without knowing anything about the individuals. Sociologists are concerned with the relationships which hold between patterns such as these, which individuals cannot perceive. In order to analyse data on age, sex and class-related behaviour sociology students should be able to understand rudimentary statistics and be able to read and construct tables.
By the end of the first year of studying sociology, students should have a good idea of their own values and of the values held by some other social groups. They should also have at their command a range of concepts (such as function, model, ascription class), and understand the difficulties, benefits and short-comings of each and their relationship to one another. They should be able to temper an abstract statement of sociological theory by seeing whether it conicides with what is known about behaviour in our own society and in some other societies, either contemporary or past.

Recommended reading P. Berger, *Invitation to Sociology* or E. Chinoy, *Sociological Perspective* or S. Cotgrove, *The Science of Society;* P. Worsley (Ed.), *Modern Sociology: Introductory Readings;* P. Laslett, *The World We Have Lost;* R. D. Laing, *The Divided Self;* E. Goffman, *The Presentation of Self in Everyday Life;* A. Gouldner, *Patterns of Industrial Bureaucracy;* C. Arensberg and S. T. Kimball, *Family and Community in Ireland;* W. F. Whyte, *Street Corner Society;* J. Rex, *Key Problems in Sociological Theory.*
Further reading will be recommended during the course.

830(a) Introduction to Sociology (Classes)
Sessional, beginning early in the Michaelmas Term.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Maths., Soc., Soc. Anth. 1st yr., Soc. Psych.; M.Sc.

831 Elements of Social Structure II (Classes)

(a) Five classes, Summer Term.
For B.Sc. (Econ.) Part II 2nd yr.

(b) Weekly classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Soc. Anth. 2nd yr.

832 Comparative Social Structures
Dr Hill and Mr Burrage. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr.

Syllabus Comparative method in the analysis of social structure. Power and authority in bureaucratic and feudal societies. Social stratification and mobility in complex pre-industrial societies; slavery. Kinship systems, belief systems and economic organization in complex pre-industrial societies.
Economic institutions and the origins of industrial societies. Power, authority and elites in various industrial societies; social class and social mobility.
The family and religion in industrial societies.

Recommended reading will be given during the course.

832(a) Comparative Social Structures (Classes)
Twenty classes. Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr.

833 Social Theory
Professor Cohen. Twenty lectures, Michaelmas and Lent Terms. This course will not be given in 1972-73.

834(a) Social Research (Classes)
Mr Burrage and Miss Tomlinson. Michaelmas and Lent Terms.
For B.Sc. c.u. main field Soc. 1st yr.

834(b) Social Research (Revision Class)
For B.Sc. c.u. main field Soc. 2nd yr.

Note on Social Philosophy Courses
Courses 835–838 are intended principally for students reading sociology, and the main criterion governing content is relevance to sociology. The aim is to give students a general idea of the conceptual and ethical problems which arise in the study of society, so that they will be able to recognize these problems and to relate them both to major philosophies and to their own more concrete work in sociology.

Recommended reading This reading list is not definitive. No student would be expected to read *all* these books. Every student would be likely to consult a number of sources not listed here. The aim has been to list most of the main books which students may be recommended to read or refer to, with the exception of some obviously relevant works on the Theories and Methods of Sociology which it would be tedious to list here as well as under the course of that name. Articles in journals are not listed: references will be given during the courses. Some main journals in which relevant articles are likely to be found (apart from the standard sociological journals) are: *British Journal for the Philosophy of Science; Ethics; History and Theory; Inquiry; Mind; Philosophical Review; Philosophy; Philosophy of Science;*

Philosophy and Phenomenological Research; Proceedings of the Aristotelian Society and *Ratio*.

(i) SHORT INTRODUCTORY WORKS: R. G. Collingwood, *An Autobiography;* A. C. Ewing, *Ethics;* W. K. Frankena, *Ethics;* C. G. Hempel, *Philosophy of Natural Science;* J. D. Mabbott, *An Introduction to Ethics;* J. H. Plumb (Ed.), *Crisis in the Humanities;* J. Wilson, *Thinking with Concepts*.

(ii) WORKS WRITTEN AS OR USABLE AS TEXTBOOKS: S. I. Benn and R. S. Peters, *Social Principles and the Democratic State;* C. D. Broad, *Five Types of Ethical Theory;* E. A. Gellner, *Thought and Change;* J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics;* A. C. MacIntyre, *A Short History of Ethics*.

(iii) BOOKS OF READINGS: R. B. Brandt (Ed.), *Social Justice;* D. Braybrooke (Ed.), *Philosophical Problems of the Social Sciences;* M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences;* H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science;* P. R. Foot (Ed.), *Theories of Ethics;* S. Hook (Ed.), *Determinism and Freedom in the Age of Modern Science;* T. P. R. Laslett (Ed.), *Philosophy, Politics and Society;* T. P. R. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society* (*Second Series* and *Third Series*); F. A. Olafson (Ed.), *Society, Law and Morality; Readings in Social Philosophy;* W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*.

(iv) RECENT COMMENTARIES AND SURVEYS: P. Corbett, *Ideologies;* M. W. Cranston, *Freedom: A New Analysis;* D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis;* A. P. d'Entrèves, *Natural Law;* E. Fromm, *Sigmund Freud's Mission;* J. P. Plamenatz, *The English Utilitarians;* W. G. Runciman, *Social Science and Political Theory;* H. M. Warnock, *Ethics since 1900;* B. R. Wilson (Ed.), *Rationality*.

(v) SELECTED STANDARD WORKS: Aristotle, *The Nicomachean Ethics;* J. Bentham, *An Introduction to the Principles of Morals and Legislation;* J. Butler, *Sermons on Human Nature;* D. Caute (Ed.), *Essential Writings of Karl Marx;* S. Freud, *Civilisation and Its Discontents;* T. Hobbes, *Leviathan* (Ed. M. J. Oakeshott); D. Hume, *A Treatise of Human Nature, being an attempt to introduce the experimental method of reasoning into moral subjects;* I. Kant, *Groundwork of the Metaphysic of Morals* (Ed. H. J. Paton); K. Marx and F. Engels, *The German Ideology;* J. S. Mill, *Utilitarianism, Liberty* and *Representative Government;* G. E. Moore, *Principia Ethica;* Plato, *The Republic*.

(vi) RECENT WORKS: R. Aron, *The Opium of the Intellectuals;* A. J. Ayer, *Language, Truth and Logic;* P. L. Berger and T. Luckmann, *The Social Construction of Reality;* I. Berlin, *Four Essays on Liberty;* N. Chomsky, *Language and Mind;* M. J. Cowling, *Mill and Liberalism;* M. J. Cowling, *The Nature and Limits of Political Science;* B. R. Crick, *In Defence of Politics* (Pelican edn.); A. C. Danto, *Analytical Philosophy of History;* P. A. Devlin, *The Enforcement of Morals;* M. Djilas, *The New Class;* M. M. and A. Edel, *Anthropology and Ethics;* D. Emmet, *Rules, Roles and Relations;* L. S. Feuer, *Psychoanalysis and Ethics;* J. C. Flugel, *Man, Morals and Society;* P. L. Gardiner, *The Nature of Historical Explanation;* M. Ginsberg, *Essays in Sociology and Social Philosophy* (3 vols.); M. Ginsberg, *On Justice in Society;* R. M. Hare, *The Language of Morals;* H. L. A. Hart, *The Concept of Law;* H. L. A. Hart, *Law, Liberty and Morality;* H. L. A. Hart, *The Morality of the Criminal Law;* L. T. Hobhouse, *The Metaphysical Theory of the State;* E. Kamenka, *The Ethical Foundations of Marxism;* E. Kedourie, *Nationalism;* T. S. Kuhn, *The Structure of Scientific Revolutions;* J. Ladd, *The Structure of a Moral Code;* I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowldege;* A. Macbeath, *Experiments in Living;* A. C. MacIntyre, *The Unconscious: A Conceptual Analysis;* C. B. Macpherson, *The Political Theory of Possessive Individualism;* H. Marcuse, *One-Dimensional Man;* K. R. Minogue, *The Liberal Mind;* R. E. Money-Kyrle, *Man's Picture of the World;* R. E. Money-Kyrle, *Psychoanalysis and Politics;* M. J. Oakeshott, *Rationalism in Politics and Other Essays;* K. R. Popper, *The Open Society and Its Enemies;* K. R. Popper,

The Poverty of Historicism; A. N. Prior, *Logic and the Basis of Ethics;* R. M. Tucker, *Myth and Reality in Karl Marx;* C. H. Waddington *et al.*, *Science and Ethics;* P. G. Winch, *The Idea of a Social Science.*

835 Introduction to Social and Moral Philosophy

Mrs Barker. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. (Econ.) Part II 2nd yr.

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; 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 See Note on page 526. Especially: J. S. Mill, *Utilitarianism;* A. MacIntyre, *A Short History of Ethics;* J. Hospers, *Human Conduct: An Introduction to Philosophical Analysis;* C. Monson (Ed.), *Philosophy, Religion and Science;* E. Gellner, *Thought and Change;* S. Stebbing, *A Modern Elementary Logic.* Further references will be given during the course.

836 Values and Society

Professor Gellner. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields, Soc., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

Syllabus The course will deal with some of the main types of ethical theory from a sociological as well as a philosophical viewpoint. Specific moral philosophies such as Utilitarianism, Kantianism, or psychological ethics will be examined as specimens of the kinds of reasoning by means of which thinkers have attempted to provide a rationale for a social order or for social reform. Both the internal logical structure and the external social implications of these systems will be considered.

Recommended reading See Note on page 526. Further references for reading will be given during the course.

837 Sociology of Ideas

Professor Gellner. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields, Soc., Soc. Psych, 2nd yr.; B.Sc. (Econ.) Part II 3rd yr.; B.A./B.Sc. (Soc.) Branch I 3rd yr.; M.Sc.

Syllabus This course will consider some of the main theories of knowledge and examine both their internal logical structure and their role as charters of or guidelines for cognitive practices. The logical merits, mutual relations, and social role of some of the principal modern philosophies will be considered.

Recommended reading See Note on page 526. Further references for reading will be given during the course.

838 Social Philosophy (Classes)

(a) Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main fields Soc.; Soc. Psych.

(b) Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

839 Sociology of Marxist Ideas and Movements

Dr Swingewood. Ten lectures, Lent Term.

For interested students, especially B.A. B.Sc. (Soc.) Branch I 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

Syllabus Marx's social and political theory: its development in Kautsky, Lenin, Trotsky. The theories of permanent revolution, hegemony, class consciousness. Analysis of specific Communist parties in terms of ideology and social structure.

Recommended reading will be given during the course.

840 Sociology of Science

Dr Sklair. Eight lectures, Michaelmas Term. This course will not be given in 1972-73.

841 Theories and Methods of Sociology

Dr Sklair. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.A. B.Sc. (Soc.) Branch I 3rd yr.

Syllabus Functionalism. Modes of theory formation. The problem of order.

841(a) Theories and Methods of Sociology (Class)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

842 General Sociology (Classes)

Fortnightly, Sessional.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.

843 Environment and Heredity

Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr. and interested students especially B.Sc. c.u. main field Soc. 2nd yr.

Syllabus Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence.

Recommended reading Introductory references: L. S. Penrose, *Outline of Human Genetics; The Biology of Mental Defect;* C. Stern, *Principles of Human Genetics;* W. C. Boyd, *Genetics and the Races of Man;* J. Sutter, *L'Eugénique;* R. S. Woodworth, *Heredity and Environment;* C. O. Carter, *Human Genetics;* J. M. Smith, *Evolution;* G. de Beer, *Charles Darwin.* Other references will be given during the course.

844 Comparative Social Institutions

Twenty lectures, Michaelmas and Lent Terms. This course will not be given in 1972-73.

844(a) Comparative Social Institutions (Classes)

Ten classes, Lent Term.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.

845 The Social Structure of Modern Britain

Mr Burrage, Dr Budd and Professor McKenzie. Thirty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main fields Maths., Soc.; B.A./B.Sc. Soc. Branch III 2nd yr.; Dip. Soc. Admin. 2nd yr. and one-yr.

Syllabus Concepts and contemporary issues of stratification; the economic basis of stratification; élites and the distribution of power; social mobility; cultural differences and the relations between classes; the influence of the educational system. Changes in industrial structure, including forms of ownership; changes in occupational structure and in the nature and distribution of skills; the system of industrial relations. The recruitment and distribution of the population; demographic changes and their social significance; the family: its structure and functions. Urban concentration and diffusion; land use planning and its social implications.
Communication and mass media.

Recommended reading E. J. Hobsbawm, *Industry and Empire;* H. Perkin, *The Origins of Modern English Society;* R. K. Kelsall, *Population;* J. A. Banks, *Prosperity and Parenthood;* D. V. Glass, "Fertility Trends in Europe since the Second World War" (*Population Studies*, March 1969); O. R. McGregor, *Divorce in England;* C. Rosser and C. Harris, *The Family and Social Change;* W. Ashworth, *The Genesis of Modern British Town Planning;* R.

Pahl (Ed.), *Readings in Urban Sociology;* Centre for Urban Studies (Ed.), *London: Aspects of Change;* R. Frankenberg, *Communities in Britain;* M. Stacey, *Tradition and Change;* J. Littlejohn, *Westrigg;* P. Anderson and R. Blackburn (Eds.), *Towards Socialism;* T. B. Bottomore, *Elites and Society;* G. Routh, *Occupation and Pay in Great Britain, 1906–60;* J. L. Nicholson, *Redistribution of Income in the United Kingdom;* "The Incidence of Taxes and Social Service Benefits" (*Economic Trends*, February 1970); A. B. Atkinson, *Poverty in Britain and the Reform of Social Security;* P. Townsend (Ed.), *The Concept of Poverty;* T. Nichols, *Ownership, Control and Ideology;* Royal Commission on Trade Unions, *Report and Written Evidence of the Ministry of Labour and Research Papers*, Nos. 1, 3 and 6; J. E. T. Eldridge, *Industrial Disputes* (esp. chaps. 1-2); J. Child, *The Business Enterprise in Modern Industrial Society;* R. V. Clements, *Managers;* D. V. Glass, *Social Mobility in Britain;* S. M. Miller, "Comparative Social Mobility" (*Current Sociology*, Vol. IX, No. 1); K. Prandy, *Professional Employees;* R. K. Kelsall, *Higher Civil Servants in Britain;* D. Lockwood, *The Blackcoated Worker;* W. G. Runciman, *Relative Deprivation and Social Justice;* J. H. Goldthorpe *et al.*, *The Affluent Worker;* O. Banks, *Parity and Prestige in English Secondary Education;* D. V. Glass, "Education in England" in J. Floud *et al.* (Eds.), *Education, Economy and Society;* J. W. B. Douglas *et al.*, *All Our Future;* C. Lacey, *Hightown Grammar;* Committee on Higher Education, *Report* (Cmnd. 2154); E. Robinson, *The New Polytechnics;* W. Guttsman, *The British Political Elite;* R. T. McKenzie, *British Political Parties;* R. T. McKenzie and A. Silver, *Angels in Marble;* D. Butler and D. Stokes, *Political Change in Britain;* R. Miliband, *The State in Capitalist Society;* J. Blondel, *Voters, Parties and Leaders;* D. McQuail, *Towards a Sociology of Mass Communications;* F. Williams, *Dangerous Estate: the Anatomy of Newspapers;* B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom;* D. A. Martin, *A Sociology of English Religion;* K. Inglis, *Churches and the Working Class in 19th Century England;* B. Wilson, *Religion and Secular Society;* B. Abel-Smith and R. B. Stevens, *Lawyers and the Courts;* M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* R. Glass, *Newcomers;* P. Foot, *Immigration and Race in British Politics;* E. J. B. Rose *et al.*, *Colour and Citizenship.*

Additional reading lists will be given for class work.

845(a) The Social Structure of Modern Britain (Classes)

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main fields Maths., Soc.; B.A./B.Sc. (Soc.) Branch I 3rd yr.

846 The Social Structure of Modern Britain: Selected Topics

Professor Glass, Mr Burrage, Professor D. A. Martin, Mr Westergaard and others. Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I 3rd yr. Optional for B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

A syllabus will be given at the beginning of the course.

847 The Social Structure of the Roman Empire

Mr Hopkins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.

Syllabus The Roman Empire was one of the largest and most stable political systems ever established. The course covers the problems of applying sociological techniques and concepts to historical sources; the impact of conquering a huge empire on the traditional institutions of Rome, and the impact on the provinces of being conquered; the system of controlling, taxing and defending the empire and the system of communication and control,

including Roman law and Christianity. The course finishes with the study of the fall of the Roman empire.

Recommended reading will be given during the course.

848 Graeco-Roman Society (Class)

Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.

849 Social Change and Development in Contemporary Africa

Dr Peel. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth.; B.A./B.Sc. (Soc.) Branches I and III 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.; Dip. Development Admin.; M.Sc. Sociology, especially those taking the option Sociology of Development. Optional for Dip. Soc. Admin. Overseas Option (one-yr.).

Syllabus 1 African countries as national societies compared with other developing countries. Colonialism and its import. Growth of national movements up to independence. Nationalist élites and ideologies. Relations between African countries and industrial nations. 2 Social processes within the nation. Labour migration. Rural transformation: effects of cash-cropping; are African farmers peasants? Religious changes: Christianity, Islam, independency and religious movements. Urbanisation and industrialisation. Entrepreneurs. Trade unions. Is there a proletariat? Politicians and people. Local level politics, political brokerage, parties, corruption. 3 Integration of centre and periphery. Local and national levels of interaction. Tribalism and civil wars. Non-tribal sources of conflict. Elite-masses relations. Are there social classes? Overall directions of change. Options, constraints and costs of development strategies.

Recommended reading will be given at the beginning of the course.

850 Industrialisation and Theories of Social Change

Dr Mouzelis and Dr Peel. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.; Branch III 2nd and 3rd yrs.; B.Sc. c.u. main field Soc.; Dip. Development Admin. Optional for Dip. Soc. Admin. Overseas Option (one-yr.).

Recommended reading R. M. MacIver, *Social Causation;* M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; W. L. Wallace (Ed.), *Sociological Theory;* W. W. Rostow, *The Stages of Economic Growth;* G. Hunter, *The New Societies of Tropical Africa;* J. Steward, *Social Evolution;* R. Redfield, *The Primitive World and its Transformations;* S. M. Lipset, *Political Man;* E. and A. Etzioni, *Social Change;* B. F. Hoselitz, *Sociological Aspects of Economic Growth;* N. J. Smelser, *Social Change in the Industrial Revolution;* C. Kerr *et al.*, *Industrialism and Industrial Man;* C. C. Brinton, *The Anatomy of Revolution*; D. C. McClelland, *The Achieving Society;* B. F. Hoselitz and W. E. Moore, *Industrialization and Society;* W. J. Goode, *The Modern Revolution and the Family;* A. de Tocqueville, *Democracy in America;* C. Johnson, *Revolution and the Social System;* G. M. Meier, *Leading Issues in Development Economics;* A. Gerschenkron, *Economic Backwardness in Historical Perspective;* L. Coser, *Men of Ideas;* E. R. Sahlins and M. D. Service, *Evolution and Culture;* T. Parsons, *Societies, Evolutionary Perspectives;* P. A. Sorokin, *Social Philosophies of an Age of Crisis;* B. Moore, *The Social Origins of Dictatorship and Democracy;* R. Bendix, *Nation-Building and Citizenship; Work and Authority in Industry;* P. Baran, *The Political Economy of Growth;* A. Guder Frank, *Capitalism and Underdevelopment in Latin America;* C. Veliz (Ed.), *The Policy of Conformity in Latin America.* Further reading will be given at the beginning of the course.

850 (a) Industrialisation and Theories of Social Change (Classes)
Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.; Branch III 2nd and 3rd yrs.; B.Sc. c.u. main field Soc.

851 Sociology of Religion
Professor Gellner, Dr M. Hill and Mrs Scharf. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.; Dip. Soc. Anth. 1st yr.

Syllabus Dr Hill and Mrs Scharf:
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.
Professor Gellner and Dr Hill:
sociology of Islam, Judaism and early Christianity. Religion in developing societies. Religion in advanced industrial societies.

Recommended reading will be given during the course.

851(a) Sociology of Religion (Class)
Dr M. Hill and Mrs Scharf. Michaelmas and Lent Terms.

852 Political Sociology
Professor McKenzie. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Soc.; M.Sc.

Syllabus The meaning, scope and method of political sociology: some basic concepts. The contribution of a selected list of writers to the historical development of the subject (including Marx, Tocqueville, Pareto, Michels, Mosca, Sorel, Ostrogorski, Weber, Graham Wallas).
The relations of the state to other institutions. Social movements, political parties and interest groups: their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour: participation and non-participation in politics; factors influencing electoral choice; the mass media and public opinion. Decision-making and the political process: the role and social background of political decision-makers. Bureaucracy and the administrative process. The sociology of political instability and change.

Recommended reading S. M. Lipset, *Political Man;* S. M. Lipset (Ed.), *Politics and the Social Sciences*, E. Nordlinger (Ed.), *Politics and Society;* H. Hyman, *Political Socialization;* W. Mitchell, *Sociological Analysis and Politics;* R. Bendix and S. M. Lipset, *Class, Status and Power* (2nd edn., pp. 201-266); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); S. Eldersveld, *Political Parties;* R. T. McKenzie, *Angels in Marble;* M. Weber, "Politics as a Vocation" and "Bureaucracy" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber;* R. T. McKenzie, *British Political Parties;* S. Beer, *Modern British Politics;* R. Miliband, *The State in Capitalist Society;* V. O. Key, *Politics, Parties and Pressure Groups;* G. Wallas, *Human Nature in Politics;* W. G. Runciman, *Social Science and Political Theory;* A. Ranney (Ed.), *Essays on the Behavioural Study of Politics;* N. W. Polsby *et al.*, *Politics and Social Life;* H. H. Eckstein and D. E. Apter (Eds.), *Comparative Politics;* R. Aron, *Main Currents in Sociological Thought;* M. Ostrogorski, *Democracy and the Organisation of Political Parties;* M. Duverger, *Political Parties;* J. LaPalombara and M. Weiner, *Political Parties and Political Development;* A. Leisersen, *Parties and Politics;* G. Mosca, *The Ruling Class;* S. Finer, *Pareto;* C. W. Mills, *The Power Elite;* W. L. Guttsman, *The British Political Elite; The English Ruling Class;* T. B. Bottomore, *Elites and Society;* R. Dahl, *Who Governs?;* A. Rose, *The Power Structure;* R. E. Lane, *Political Ideology;* K. Shell, *The Democratic Political Process;* R. K. Merton and others, *Reader in Bureaucracy;* J. A. Schumpeter, *Capitalism, Socialism and Democracy;* R. E. Lane and D. Sears, *Public Opinion and Ideology;* B. R. Berelson

and M. Janowitz (Eds.), *Reader in Public Opinion and Communication;* J. T. Klapper, *The Effects of Mass Communication;* H. D. Lasswell, *Politics; Who Gets What, When, How;* H. D. Lasswell and A. A. Kaplan, *Power and Society;* D. Easton, *A Framework for Political Analysis;* P. Pulzer, *Political Representation and Elections;* R. Rose, *Politics in England; Studies in British Politics;* J. Trenaman and D. McQuail, *Television and the Political Image;* B. R. Berelson and others, *Voting;* A. Campbell and others, *The American Voter;* E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour;* D. Butler and D. Stokes, *Political Change in Britain;* W. Kornhauser, *The Politics of Mass Society;* S. E. Finer, *Anonymous Empire; The Political Quarterly*, January-March, 1958: Special Number on Pressure Groups; M. Harrison, *Trade Unions and the Labour Party since 1945;* D. B. Truman, *The Governmental Process;* L. Trotsky, *The Revolution Betrayed;* M. Fainsod, *How Russia is Ruled;* Barrington Moore, Jr., *Soviet Politics;* I. Deutscher, *The Unfinished Revolution;* G. A. Almond and S. Verba, *The Civic Culture;* L. Pye and S. Verba (Eds.), *Political Culture and Political Development;* I. de S. Pool *et al.*, *Candidates, Issues and Strategies;* E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems;* S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments;* S. Rokkan, *Citizens, Elections, Parties;* E. Allardt and S. Rokkan (Eds.), *Mass Politics;* Barrington Moore, Jnr., *Social Origins of Dictatorship and Democracy;* P. Nettl, *Political Mobilisation;* C. Johnson, *Revolutionary Change* and *Revolution and the Social System* (Hoover Institution Studies, No. 3, 1964); N. Smelser, *Theory of Collective Behaviour;* D. Easton and J. Dennis, *Children and the Political System.*

852(a) Political Sociology (Class)
Ten classes, Lent Term.

For B.Sc. (Econ.) Part II 2nd yr.

852(b) Political Sociology (Class)
Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.A./B.Sc. Soc. Branch I 3rd yr.

852(c) Political Sociology (Class)

For B.Sc. c.u. main field Soc.

853 Industrial Sociology
Dr Mouzelis, Dr Hadley and Mr Burrage. Twenty-five lectures. Sessional.

For B.A./B.Sc. (Soc.) Branch III 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Soc.

Syllabus The relation between industry and other elements of the social system, political, educational, demographic; stratification; industrial relations etc.
The internal structure of industrial organizations examined with reference to worker morale, management structure, communication, productivity and other variables.

Recommended reading E. Schneider, *Industrial Sociology;* N. Smelser, *Sociology of Economic Life;* R. Bendix, *Work and Authority in Industry;* G. Friedmann, *Industrial Society;* J. G. Abegglen, *The Japanese Factory;* C. Kerr *et al.*, *Industrialism and Industrial Man;* H. Marcuse, *One-Dimensional Man;* C. R. Walker (Ed.), *Modern Technology and Civilization;* R. Aron, *Eighteen Lectures on Industrial Society;* A. Etzioni, *Complex Organizations;* H. March and H. Simon, *Organizations;* D. Silverman, *The Theory of Organizations;* S. R. Parker *et al.*, *The Sociology of Industry;* S. M. Lipset *et al.*, *Union Democracy;* E. Mayo, *The Social Problems of an Industrial Civilization;* P. M. Blau, *Dynamics of Bureaucracy;* A. Gouldner, *Patterns of Industrial Bureaucracy;* N. Mouzelis, *Organization and Bureaucracy;* T. Burns and G. Stalker, *The Management of Innovation;* M. Crozier, *The Bureaucratic Phenomenon;* J. Woodward, *Industrial Organization;* H. M. Vollmer and D. L. Mills (Eds.), *Professionalisation;* W. Kornhauser, *Scientists in Industry;* D.

Katz *et al.*, *Productivity, Supervision and Morale among Railroad Workers;* L. Baritz, *The Servants of Power;* C. Argyris, *Integrating the Individual and the Organization;* R. Blauner, *Alienation and Freedom;* W. H. Scott *et al.*, *Technical Change and Industrial Relations;* A. Touraine *et al.*, *Workers' Attitudes to Technical Change;* J. H. Goldthorpe *et al.*, *The Affluent Worker;* H. A. Simon, *The Shape of Automation;* T. Caplow, *Sociology of Work;* C. W. Mills, *White Collar;* N. Dennis *et al.*, *Coal is Our Life;* Liverpool University, *The Dockworker;* J. Tunstall, *The Fishermen;* E. Chinoy, *Automobile Worker;* D. Lockwood, *The Blackcoated Worker.*

853(a) Industrial Sociology (Classes)
Fifteen classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branches I and III 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.; B.Sc. c.u. main field Soc.

854 Industrial Sociology (Seminar)
Dr Mouzelis, Dr Hadley and others. Occasional seminars throughout the session.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.; Branch III 2nd and 3rd yrs.; B.Sc. (Econ.) Part II 2nd and 3rd yrs.; B.Sc. c.u. main field Soc.

855 Criminology
(i) Miss Tomlinson. Seventeen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II 2nd yr.; B.A./B.Sc. (Soc.) Branch III 2nd yr. Optional for Dip. Soc. Admin. incl. overseas option (1st yr. and one-yr.).

(ii) Miss Tomlinson. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II 3rd yr.; B.A./B.Sc. (Soc.) Branches I and III 3rd yr. Optional for Dip. Soc. Admin. incl. overseas option (2nd yr. and one-yr.).

Syllabus The sociological conception of crime. Origins and development of criminology. Incidence of crime and problems of measurement. Sociological and other explanatory theories of criminal behaviour. The sociology of social control, with special reference to the modern English penal system.
Note The course is designed to be taken in either one year or in two years. Criminology (i) deals with concepts and theoretical development; Criminology (ii) deals with social control and sanction.

Recommended reading I E. H. Sutherland and D. R. Cressey, *Principles of Criminology*, 7th edn.; E. Lemert, *Social Pathology;* M. Clinard, *Sociology of Deviance;* D. Gibbons, *Society, Crime, and Criminal Careers;* M. Phillipson, *Sociological Aspects of Crime and Delinquency.*
II M. Wolfgang, L. Savitz, and N. Johnston, *Sociology of Crime and Delinquency;* M. Clinard and R. Quinney, *Criminal Behaviour Systems;* E. Rubington and M. Weinberg, *Deviance: An Interactionist Perspective; The Study of Social Problems;* D. R. Cressey and D. Ward, *Delinquency, Crime and Social Process;* C. Bersani, *Crime and Delinquency;* S. Dinitz, R. Dynes, and A. C. Clarke, *Deviance: Studies in the Process of Stigmatization and Societal Reaction;* W. Carson and P. Wiles, *Crime and Delinquency in Britain.*
III H. Mannheim, *Comparative Criminology;* B. Wootton, *Social Science and Social Pathology;* H. Becker, *The Outsiders;* K. T. Erikson, *Wayward Puritans;* J. Skolnick, *Justice without Trial;* T. P. and P. J. Morris, *Pentonville;* W. Chambliss, *Crime and the Legal Process;* V. Aubert (Ed.), *The Sociology of Law.*
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.*

855(a) Criminology (Class)
Miss Tomlinson and Professor T. P. Morris.
Twenty classes, Lent and Summer Terms.

For B.Sc. c.u. main field Soc. 2nd yr.

855(b) Criminology (Class)
Fortnightly classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branches I and III 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

856 Sociology of Education (Classes)
Sessional.

For B.A./B.Sc. (Soc.) Branch I 3rd yr.; B.Sc. (Econ.) Part II 3rd yr.

857 Current Research in Sociology
Dr M. Hill and others. Ten lectures, Lent Term.

Optional for B.Sc. c.u. main field Soc. 1st yr. and other interested students.

A different member of the teaching staff of the Sociology department will each week give a lecture on his own and related current research in various fields. A programme will be given at the beginning of the course.

II M.Sc. Sociology Preliminary Year

860(i) Sociological Theory (Seminar)
Dr Sklair. Fortnightly, Sessional.

860(ii) Social Institutions (Seminar)
Dr M. Hill. Fortnightly, Sessional.

861 Methods of Social Investigation
This course is not being given in 1972-73.

III M.Sc. Sociology Final-Year, and Other Graduate Courses

862 Design and Analysis of Social Investigations
Mrs Spitz and Miss Tomlinson. Sessional.

For M.Sc. Other graduate students may attend only by arrangement with Mr Burrage.

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. Selltiz and others, *Research Methods in Social Relations;* C. A. Moser, *Survey Methods in Social Investigation;* C. Y. Glock (Ed.), *Survey Research in the Social Sciences;* B. S. Phillips, *Social Research: Strategy and Tactics;* S. Payne, *The Art of Asking Questions;* A. N. Oppenheim, *Questionnaire Design and Attitude Measurement;* H. Zeisel, *Say It with Figures.*

863 Design and Analysis of Social Investigations: Project Class
Mr Burrage. One-and-a-half hours per week, Sessional.

For M.Sc. Arrangements may be made for students to take an alternative option to this.

864 Social Structure of Industrial Societies
Professor Glass and others. Sessional. This course will include lectures and seminars.

For M.Sc.

Syllabus Problems of comparative study. Convergence and divergence. Population structure and urbanisation. Urbanisation. Occupational structure and industrial

organization. Income and wealth. The nature and objectives of the educational system. Religion and religious institutions. Social stratification and social mobility. Political organization and the structure of power. The course will focus on Britain, France, the U.S.S.R., the U.S.A. and Japan. Reading lists and copies of basic statistical tables will be supplied.

865 Sociology of Development (Seminar)
Dr Peel, Dr Mouzelis and Mr Stewart. 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, Jnr. *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.*

866 Sociology of Education
Mr Hopper. Twenty seminars, Sessional.

For M.Sc.; M.Phil.

Syllabus Education as a selection and training device in Western European societies. The influence of social structure upon the forms and content of education.

Recommended reading will be given during the course.

867 Sociology of Deviant Behaviour
For M.Sc.

(i) Dr Rock. Ten lectures, Michaelmas Term.

(ii) Professor T. P. Morris and Dr Rock. Seminars, Sessional.

Syllabus and **recommended reading** will be given at the beginning of the course.

868 Sociology of Religion (Seminar)
Professor D. A. Martin, Mrs Scharf and Mrs Barker. Sessional.

For M.Sc.

869 Race Relations (Seminar)
This course will not be given in 1972-73.

870 Theories and Concepts of Political Sociology (Seminar)
Professor McKenzie and Professor MacRae. Lent and Summer Terms.

For M.Sc.

871 Political Behaviour (Seminar)
This course will not be given in 1972-73.

872 Sociological Theory (Seminar)
Professor D. A. Martin and others. Sessional.

Optional for M.Sc.

IV Additional Courses for Undergraduates and Graduates

875 The Social Structure of the U.S.S.R.
Dr Weinberg. Ten lectures, Lent Term.

For interested students.

Recommended reading will be given during the course.

876 Sociology of Islam (Intercollegiate Seminar)
Professor Gellner, Professor I. M. Lewis and Dr A. Cohen. Sessional. Attendance by permission of the teachers concerned.

Recommended for M.Sc.

877 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.

878 Philosophical Sociology (Seminar)
Dr Roche and Dr Swingewood. Ten fortnightly seminars, Michaelmas and Lent Terms.

For graduate students in Sociology.

Syllabus To explore some problems in the sociology of knowledge and ideology, with particular reference to phenomenology, Marxism and existentialism.

879 Ideologies (Seminar)
Professor Gellner. Sessional.

880 Current Sociological Research (Seminar)
Fortnightly, Sessional.

Optional for M.Phil., Ph.D. and Research Fee students in Sociology.

Statistics, Mathematics, Computing and Operational Research

Page
541 (a) Mathematics
544 (b) Statistical Theory and Method
548 (c) Applied Statistics
550 (d) Computing
553 (e) Operational Research
554 (f) Graduate Courses: Statistics
558 (g) Graduate Courses: Operational Research and Management Studies

Statistics, Mathematics, Computing and Operational Research

(a) MATHEMATICS

900 Basic Mathematics

Professor Sir Roy Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I and Part II 2nd yr.; B.Sc. c.u. main field Geog.
Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus Concepts of sets, groups and fields. Introduction to vectors, matrices and complex numbers. Functions, mappings and transformations. Derivatives, integrals and expansions of functions of one variable. Exponential, logarithmic and circular functions.

Recommended reading I. Adler, *The New Mathematics;* R. G. D. Allen, *Basic Mathematics;* G. H. Hardy, *Pure Mathematics;* W. W. Sawyer, *Mathematician's Delight; Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics.*
FURTHER READING: G. Hadley, *Linear Algebra;* J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics;* E. A. Maxwell, *An Analytical Calculus.*

900(a) Basic Mathematics First-Year Class

Dr Knott and Dr C. S. Smith. Weekly classes, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main field Geog.

900(b) Basic Mathematics Second-Year Class

Lecturer to be announced. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.

901 Introduction to Modern Mathematics

Dr Ostroy. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.

902 Linear Algebra

Professor Offord. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Maths. 1st yr., Maths. and Phil. 1st yr.

Syllabus Vector space with particular reference to n-dimensional Euclidean space and n-dimensional geometry. Linear transformations, matrices, determinants and the solution of systems of linear equations. Eigenvalues and quadratic forms.

Recommended reading D. T. Finkbeiner, *Elements of Linear Algebra.*
FURTHER READING: G. E. Shilov, *Introduction to the Theory of Linear Spaces.*

902(a) Linear Algebra Class

Professor Offord, Dr Freedman and Dr R. A. Holmes. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Maths. 1st yr., Maths. and Phil. 1st yr.

903 Calculus

Dr R. A. Holmes. Twenty lectures, Michaelmas and Lent Terms.

(i) **First ten lectures** for B.Sc. (Econ.) Part I; B.Sc. c.u. main field Geog.
(ii) **Whole course** for B.Sc. c.u. main fields Maths. 1st yr., Maths. and Phil. 1st yr.

Syllabus The manipulative techniques of the differential and integral calculus.

903(a) Calculus Class

Dr R. A. Holmes. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Maths. 1st yr., Maths. and Phil. 1st yr.

903(b) Calculus Class
Dr Bell. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main field Geog.

904 Introduction to Analysis and Set Theory
Dr Binmore. Fifty lectures, Sessional.

For B.Sc. c.u. main fields Geog., Maths. 1st yr., Maths. and Phil. 1st yr.; B.Sc. (Econ.) Part I and Part II 2nd yr.

Syllabus Elementary set theory. The real number system. Convergence and continuity. Differentiation and integration. Point set topology in a finite dimensional space. The idea of measure.

Recommended reading J. C. Burkill, *An Introduction to Mathematical Analysis.*

904(a) Introduction to Analysis and Set Theory Class
Dr Binmore and Dr R. A. Holmes. Twenty-five classes, Sessional, beginning in the second week of the Michaelmas Term.

905 Introduction to Abstract Algebra
Dr Freedman. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Maths. 1st yr., Maths. and Phil. 1st yr.

Syllabus Sets and mappings. Integers. Integral domains. Quotient fields. Polynomials. Euclidean rings. Elementary group theory.

905(a) Introduction to Abstract Algebra Class
Dr Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

For B.Sc. c.u. main fields Maths. 1st yr., Maths. and Phil. 1st yr.

906 Real Variable I
Professor Offord. Forty lectures, Sessional.

Whole course for B.Sc. c.u. main field Maths. 2nd yr. **Fifteen lectures only** for B.Sc. (Econ.) Part II 2nd yr.

Syllabus Topics selected from: measure and integration theory; topological spaces with special references to metric spaces; linear functions; convex sets; elements of the calculus of variance.

906(a) Real Variable I Second-Year Class
Professor Offord. Twenty-five classes, Sessional.

907 Introduction to Topology
Dr Bell. Thirty lectures, Sessional.

For B.Sc. c.u. main field Maths. 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.; M.Sc.

Syllabus Topological spaces. Continuous functions. Metric spaces and Urysohn's metrisation theorem.

907(a) Topology Second-Year and Third-Year Class
Dr Bell. Thirty classes, Sessional.

908 Algebra II
Dr Freedman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Rings. Unique factorisation and principal ideal domains. Finitely generated modules over a principal ideal domain. Applications to abelian groups and matrices.

908(a) Algebra II Class
Dr Freedman. Twenty classes, Sessional, beginning in the second week of the Michaelmas Term.

For B.Sc. (Maths.) 3rd yr.; B.Sc. c.u. main field Maths. 2nd yr.

909 Complex Variable
Dr Boardman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Point set topology. Functions of a complex variable. Integration along rectifiable curves. Cauchy's theorem for a triangle. Bilinear and other elementary transformations. Power series. Taylor and Laurent expansion. Calculus of residues. The Maximum Principle.

909(a) Complex Variable Second-Year Class
Dr Boardman. Twenty classes, Sessional.

For B.Sc. c.u. main field Maths. 2nd yr.

909(b) Complex Variable Third-Year Class

For B.Sc. (Maths.) 3rd yr.

910 Theory of Probability
Dr R. A. Holmes. Sessional.

For B.Sc. (Maths.) 3rd yr.

Syllabus Measure theory and integration. Probability measures. Random variables, distribution and characteristic functions. Convergence of sequences of distribution functions and their application to convergence theorems for sums of independent random variables.

910(a) Theory of Probability Third-Year Class
Dr R. A. Holmes.

For B.Sc (Maths.) 3rd yr.

911 Real Variable II
Dr Binmore. Sessional.

For B.Sc. (Maths.) 3rd yr.

911(a) Real Variable II Class
Dr Binmore.

For B.Sc. (Maths.) 3rd yr.

912 Algebra III
Dr Freedman. Michaelmas and Lent Terms.

For B.Sc. (Maths.) 3rd yr.

Syllabus Abelian groups. Basic properties of abelian groups, free groups, divisible groups, pure sub-groups, basic sub-groups, Ulm's theorem, homomorphism groups, tensor products, torsion free groups.

912(a) Algebra III Class

For B.Sc. (Maths.) 3rd yr.

913 Mathematics A

(i) Mr Shorrocks.
Second Year: three hours per week, Sessional.

(ii) Dr Wymer.
Third Year: one hour per week, Lent Term.

For B.Sc. (Econ.) Part II; Dip. Stats.

Syllabus Vectors, matrices and quadratic forms. Differential calculus of one and several variables. Stationary values. Lagrange multiplier. Complex numbers. Integral calculus. Series, expansions. Difference and differential equations.

Recommended reading G. Hadley, *Linear Algebra;* D. Gale, *Theory of Linear Economic Models;* R. G. D. Allen, *Mathematical Analysis for Economists;* R. Courant and F. John, *Introduction to Calculus and Analysis*, Vol. I.

914 Mathematics B
Dr R. A. Holmes, Dr Boardman, Mr Hajnal, and Dr Knott. Two hours a week, Sessional.

Whole course for B.Sc. (Econ.) Part II: *Mathematics B* 2nd yr.; Dip. Stats. **Selected lectures** for B.Sc. (Econ.) *Real Variable*, Part II 2nd yr.

Syllabus *Calculus* Partial differentiation Implicit functions. Change of variables in partial differentiation. Homogeneous functions. Taylor's theorem, maxima and

minima, maxima and minima with constraints. Repeated integration and multiple integrals. Volume and area. Transformations, Jacobians and change of variable in multiple integrals. Improper integrals. Beta and gamma functions.
Matrix methods Topics chosen from matrices and vectors with complex elements, partitioned matrices, spectral decomposition of a Hermitian matrix, singular value decomposition of a matrix, Kronecker products, matrix derivatives, matrix valued random variables, vectoring, some special inverse matrices, projection matrices. Generalised inverse of a matrix.
Differential and difference equations First order differential equations. Linear differential equations with constant coefficients. Laplace transforms. Linear difference equations. Factorial polynomials. Generating functions.
Complex variable Elementary functions. Analyticity. Cauchy-Riemann equations. Power series. Integration of complex functions. Residues and evaluation of real integrals.

914(a) Mathematics B Second-Year Class

Dr R. A. Holmes, Dr Boardman, Dr Knott and Mr Hajnal. Thirty hours, Sessional.

914(b) Mathematics B Third-Year Revision Class

Dr R. A. Holmes, Dr Boardman, Dr Knott and Mr Hajnal. Ten hours, Lent Term.

915 Introduction to Sets and Metric Spaces: Theory

Mr Foldes. Twenty lectures of one-and-a-half hours, Michaelmas Term.

For M.Sc.: *Advanced Mathematical Economics I and II.*

First three weeks only for M.Sc.: *Theory of Optimal Decisions.*

Syllabus Elementary properties of sets, relations and functions. Equivalence and ordering relations. Cardinal numbers. Metrics, open and closed sets, limits, continuity. Compact and connected sets in metric spaces. Linear and affine spaces, subspaces and functions. Inner products and norms. Convex sets. Separating hyperplanes. Simplexes. Fixed points.

Recommended reading Basic reading: On sets and relations: R. R. Stoll, *Sets, Logic and Axiomatic Theories*, chap. 1. or P. R. Halmos, *Naive Set Theory*. Main text: H. Nikaido, *Introduction to Sets and Mappings in Modern Economics.*

916 Mathematics for Mathematical Economics

Professor Sargan. Ten lectures, Lent Term.

For M.Sc.

Syllabus Kuhn-Tucker theorem, properties of non-negative matrices, stability of difference and differential equations systems, Lyapoumov functions.

Recommended reading H. W. Kuhn and A. W. Tucker, *Second Berkeley Symposium on Mathematical Statistics and Probability;* F. R. Gantmacher, *Applications of the Theory of Matrices;* K. Lancaster, *Mathematical Economics;* J. Bram and T. L. Saaty, *Non-Linear Mathematics.*

Reference should also be made to the following courses:

493(i) **Boolean Algebras**
493(ii) **Model Theory**
493(iii) **Axiomatic Set Theory**

(b) STATISTICAL THEORY AND METHOD

917 Elements of Statistical Methods

Mrs Prais and Dr Reid. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main fields Soc. Anth., Geog.; M.Sc. prelim. and final yrs.

Syllabus Elementary mathematics and various descriptive and analytic statistical techniques: measures of average and dispersion; distributions; tests of hypotheses concerning means, proportions and association; regression and correlation.

Recommended reading R. G. D. Allen, *Statistics for Economists;* A. R. Ilersic, *Statistics;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* B. C. Brookes, and W. F. L. Dick, *Introduction to Statistical Method;* M. R. Spiegal, *Schaum's Outline Series, Statistics.*

917(a) Elements of Statistical Methods Class

Class teachers to be announced. Twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: *Quantitative Methods for Economists.*

917(b) Elements of Statistical Methods Class

Mrs Prais, Dr Reid and others. Twenty classes, Sessional.

For B.Sc. (Econ.) Part I: *Elements of Statistical Methods;* B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr.; M.Sc. prelim. and final yrs.

918 Survey Methods for Social Research

Dr Phillips. Five lectures, Michaelmas Term and five lectures, Summer Term.

(i) First five lectures for B.Sc. c.u. main field Soc. 1st yr.; Dip. Personnel Management.

Syllabus Sample survey techniques.

(ii) Whole course for B.Sc. (Econ.) Part I; B.Sc. S.S. and A. 1st yr.; Dip. Soc. Admin. 2nd and one-yr.; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Geog.; M.Sc. prelim. yr.; Dip. Development Admin. Recommended for graduate students.

Syllabus Problems associated with the planning and execution of statistical investigations by sample survey techniques with case study illustrations.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys;* B. S. Rowntree, *Poverty and Progress; New Survey of London Life and Labour;* M. A. Abrams, *Social Surveys and Social Action;* P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Selltiz and others, *Research Methods in Social Relations;* L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences;* H. H. Hyman and others, *Interviewing in Social Research;* H. H. Hyman, *Survey Design and Analysis;* C. A. Moser and G. Kalton, *Survey Methods in Social Investigation;* F. Edwards (Ed.), *Readings in Market Research;* A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine.*

918(a) Survey Methods for Social Research Class

Dr Phillips, Mrs Spitz and others. Five fortnightly classes, Lent Term.

For B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Geog., Soc. Anth. 2nd yr.

918(b) Survey Methods Class

Mr Davies. Fifteen hours, Lent and Summer Terms.

For B.A./B.Sc. (Soc.) Branch III 2nd yr.

919 Statistical Methods for Social Research

Mr Fielding. Twenty lectures, Sessional, beginning in the third week of the Michaelmas Term.

First fifteen lectures for B.Sc. c.u. main field Soc. 1st yr.; Dip. Personnel Management; M.Sc. prelim. yr.; Dip. Soc. Admin., 1st yr. and one-yr.

Whole course for B.Sc. c.u. main field Soc. Psych. 1st yr.; B.Sc. S.S. and A. 1st yr.

Syllabus Measurement and observation, elements of descriptive statistics. Theoretical models of frequency dis-

tributions. Elementary probability. Sampling distributions, elements of statistical inference, estimation and hypothesis testing. Selected techniques for hypothesis testing. Two-variable correlation and regression. Elementary non-parametric techniques. One-way analysis of variance.

Recommended reading H. M. Blalock, *Social Statistics;* W. A. Wallis and H. V. Roberts, *Statistics, a New Approach;* A. R. Ilersic, *Statistics;* R. S. Weiss, *Statistics in Social Research;* H. Zeisel, *Say it with Figures;* G. Kalton, *Introduction to Statistical Ideas for the Social Scientist;* D. J. Bartholomew, *Let's Have a Look at the Figures;* D. Huff, *How to Lie with Statistics;* R. M. Cormack, *The Statistical Argument;* W. Reichmann, *The Uses and Abuses of Statistics;* W. Liebermann, *Contemporary Problems in Statistics.*

919(a) Statistical Methods for Social Research Class

Mr Fielding, Professor Bartholomew and Mr Davies. Eighteen or twenty-three classes.

920 Introductory Practical Statistics

Mr Webster. Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course.

Recommended reading R. Langley, *Practical Statistics for Non-Mathematical People;* C. A. Moser, *Survey Methods in Social Investigation.*

921 Elementary Statistical Theory I

Dr Wallis. Thirty lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part I; B.Sc. c.u. main fields Maths. 1st yr., Geog.

Michaelmas and Lent Terms only for B.Sc. (Econ.) Part II 2nd yr.

Syllabus Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship. Time series.

Recommended reading INTRODUCTORY: P. G. Hoel, *Elementary Statistics.* GENERAL: J. E. Freund, *Modern Elementary Statistics;* R. E. Walpole, *Introduction to Statistics;* R. J. and T. H. Wonnacott, *Introductory Statistics.* Further references will be given during the course.

921(a) Elementary Statistical Theory I Class

Dr Wallis and others. Weekly classes, Sessional.

922 Elementary Statistical Theory II

Dr Hendry. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Theory of the general linear regression model. Partial and multiple correlations. A familiarity with matrix algebra will be assumed.

Recommended reading J. Johnston, *Econometric Methods*, chaps. 1–4.

922(a) Elementary Statistical Theory II Classes

Summer Term.

923 Elements of Statistical Theory and Methods Revision Class

Dr Reid. Eight classes, Lent Term, beginning in the third week.

For B.Sc. (Econ.) Part II 3rd yr.

924 Probability

Mr Hajnal. Twelve lectures and five classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc.

Syllabus Discrete 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. Poisson process. Mixtures and compound distributions. Random walks.

Recommended reading W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I).

925 Theory of Statistical Distributions

Dr Milne. Eighteen lectures and five classes. Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc.

Syllabus Distribution and frequency functions. Moments, cumulants and their generating functions. Characteristic functions. Distributions of sums. Weak law of large numbers and Central Limit theorem. Change of variables technique. Linear (including orthogonal) transformations. Ratios of random variables. Bivariate and multivariate generalisations. Independence. Order-statistics and functions of them. Distributions associated with the normal, including F, χ^2, t and the bivariate normal. Standard errors.

Recommended reading A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I.

926 Theory of Statistical Methods (Second Year)

Professor Bartholomew and Miss S. A. Brown. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Applications and theory of the normal distribution, statistical tests and procedures, least squares, analysis of variance and covariance, regression and correlation analysis.

Recommended reading N. R. Draper and H. Smith, *Applied Regression Analysis;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II; D. A. S. Fraser, *Statistics: An Introduction.*

926(a) Theory of Statistical Methods Class (Second Year)

Professor Bartholomew and Miss S. A. Brown. Ten classes, alternate weeks, Lent and Summer Terms.

927 Theory of Statistical Methods (Third Year)

Dr Knott and Dr Milne. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. Maths. 3rd yr.

Syllabus Further analysis of variance and experimental design. Non-parametric methods. Sequential tests.

Recommended reading D. A. S. Fraser, *Statistics: An Introduction;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; H. Scheffé, *The Analysis of Variance;* K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering.*

927(a) Theory of Statistical Methods Class (Third Year)

Dr Knott and Dr Milne. Five classes, Lent Term.

928 Sample Survey Theory

Mr O'Muircheartaigh. Ten lectures, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr. Optional for M.Sc.

Further treatment of sample survey theory is provided in Course 969.

Syllabus Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities.

Recommended reading W. G. Cochran, *Sampling Techniques;* L. Kish, *Survey Sampling;* M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory;* F. Yates, *Sampling Methods for Censuses and Surveys;*

A. Stuart, *Basic Ideas of Scientific Sampling;* M. R. Sampford, *An Introduction to Sampling Theory.*

929 Sample Survey Applications
Mrs Spitz and Mr O'Muircheartaigh. Ten lectures, Lent Term.

For Dip. Stats.; B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; M.Sc.

930 Estimation and Tests
Professor Durbin. Fifteen lectures and five classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats.

Syllabus Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation and its properties. Bayesian estimation. Confidence intervals. Elementary notions of the theory of tests.

Recommended reading A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics;* D. V. Lindley, *Introduction to Probability and Statistics from a Bayesian Viewpoint*, Vols. I and II; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 17, 18, 22).

931 Probability and Statistical Theory: Problems Class (Third Year)
Dr Milne. Thirteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) Part II 3rd yr.

(c) APPLIED STATISTICS

932 Macro-Economic Statistics
Professor Sir Roy Allen and Mrs Prais. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; Dip. Stats.; graduate students by permission.

Syllabus An introduction to the main sources of macro-economic statistics. National income accounting: conceptual framework and methods of estimation. Elementary statistical techniques applied in the analysis of macro-economic data. Construction and estimation of simple econometric models.

Recommended reading E. Devons, *An Introduction to British Economic Statistics;* U.K. Central Statistical Office, *New Contributions to Economic Statistics; Economic Trends* (monthly); *National Income and Expenditure* (annual); *United Kingdom Balance of Payments* (annual); *National Accounts Statistics, Sources and Methods* (1968 edn); W. Beckerman, *An Introduction to National Income Analysis;* R. J. Nicholson, *Economic Statistics and Economic Problems;* R. G. D. Allen, *Statistics for Economists;* L. R. Klein, *Introduction to Econometrics;* A. A. Walters, *An Introduction to Econometrics.*

932(a) Macro-Economic Statistics Classes
Sessional, beginning in the fifth week of the Michaelmas Term.

932(b) Economic Statistics Revision Class
Professor Sir Roy Allen and Mrs Prais. Six classes, Lent Term, beginning in the fifth week.

For B.Sc. (Econ.) Part II 3rd yr.

933 International Trade and the Balance of Payments
Professor Sir Roy Allen. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.; Dip. Stats.

Syllabus International trade in goods and services. Indices of prices and volume of trade; the terms of trade. The U.K. balance of payments and its relation to the national income accounts.

Recommended reading U.K. Central Statistical Office, *United Kingdom Balance of Payments* (annual) and other sources specified during the course.

934(a) Applied Statistical Methods Practical Class (Second Year)
Dr Knott. Ten classes, alternate weeks, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

934(b) Applied Statistical Methods Project Class (Second Year)
Mr Fielding, Mr O'Muircheartaigh and Dr Phillips. Five classes, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.

934(c) Applied Statistical Methods Practical Class (Third Year)
Dr C. S. Smith and others. Ten classes, alternate weeks, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.

935 Introduction to Statistics: Class
Mr O'Muircheartaigh. Ten hours, Michaelmas Term. This class will not be held in 1972–73.

For M.Sc.

936 Social Statistics and Survey Methodology
Mrs Spitz, Professor Bartholomew and Dr Phillips. Forty hours, Sessional.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats.

937 Compound Interest
Mr Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. prelim. and final yrs.

Syllabus An introduction to the annuity certain, valuation of redeemable securities, sinking funds; the determination of interest rates in given transactions and continuous growth.

Recommended reading D. W. A. Donald, *Compound Interest and Annuities Certain;* W. L. Hart, *Mathematics of Investment.*

938 Actuarial Statistics I
Mr Dyson. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.

Syllabus Further compound interest. Exposed to risk formulae and the construction of life tables. Theory of multiple decrements. Construction of select mortality and multiple decrement tables.

Recommended reading A. H. Pollard, *An Introduction to the Mathematics of Finance;* D. W. A. Donald, *Compound Interest and Annuities Certain;* B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and Other Actuarial Statistics.*

939 Actuarial Statistics II
Mr Dyson. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus Further compound interest. Comparison of mortality and other experiences. Graduation. English life and other standard mortality tables. Marriage and fertility rates. Population projections.
Students will be expected to have attended Course 938.

Recommended reading D. W. A. Donald, *Compound Interest and Annuities Certain;* B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and other Actuarial Statistics;* Registrar General's Decennial Supplement (Life Tables) 1961; Preface to the a(55) Tables for Annuitants; P. R. Cox, *Demography.*

939(a) Actuarial Statistics II, Classes
Five hours, Summer Term.

Optional for B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) Part II 3rd yr.

(d) COMPUTING

940 Introduction to Computers: Basic Concepts

Mr F. F. Land. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths.; M.Sc.

Syllabus Input and output devices, central processing unit, backing store, software, survey of applications.

Recommended reading C. O. Elliot and R. S. Wasley, *Business Information Processing Systems;* A. Daniels and D. Yeates, *Basic Training in Systems Analysis;* T. E. Hull, *Introduction to Computing;* S. H. Hollingdale and G. C. Tootill, *Electronic Computers;* R. W. Brightman, B. J. Luskin and T. Tilton, *Data Processing for Decision-Making.*

940(a) Introduction to Computers: Basic Concepts, Undergraduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.

940(b) Introduction to Computers: Basic Concepts, Graduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For M.Sc.

941(i) Introduction to Computing (Second Year)

Mr Waters. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.; M.Sc. This course is a continuation of Course 940.

Syllabus Computer hardware; central processing unit and peripheral devices. Computer software; operating systems, programming languages (including study of COBOL), utilities and packages. Methodology of programming; problem formulation and specification (including flowcharts and decision tables), coding, testing and debugging.

Recommended reading T. E. Hull, *Introduction to Computing;* A. I. Forsythe, T. A. Keenan, E. I. Organick and W. Stenberg, *Computer Science;* D. D. McCracken, *A Guide to COBOL Programming.*

941(i)(a) Introduction to Computing, Second-Year Class

Mr Waters. Twenty classes, Lent and Summer Terms.

941(ii) Introduction to Computing (Third Year)

Mr Waters. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus Interface between the computer and its immediate environment; input and output design (including data capture and validation controls).

942 Fortran IV

Miss S. A. Brown. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II Statistics and Computing 2nd yr.; B.Sc. c.u. Maths. 2nd yr.
Other students wishing to attend a Fortran course should attend Course 943 (a), (b) or (c) and not this course.

Syllabus The syntax of the Fortran IV programming language.

Recommended reading D. D. McCracken, *A Guide to Fortran IV Programming.*

942(a) Fortran IV Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

943 Fortran Programming (General)

Miss S. A. Brown, Miss Hewlett, Mrs S. Jones, Mr Chastney, Mr F. F. Land, Mr Wakeford and others.

A basic course will be given several times during the session.
(a) Course lasting seven to eight days. Christmas vacation.
(b) Course lasting seven to eight days. Easter vacation.
(c) One or two courses lasting seven to eight days. Summer.

Recommended reading D. D. McCracken, *A Guide to Fortran IV Programming.*

944 Introduction to a Systems Life Cycle

Mr F. F. Land. Five lectures, Michaelmas Term.

For B.Sc. (Econ) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; M.Sc. prelim. and final yrs.; Dip. Personnel Management.

Syllabus Identification and description of problem. Feasibility studies. Analysis and design of computer based systems. Specification. Programming and implementation. Maintenance and development.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications.*

944(a) Introduction to a Systems Life Cycle, Undergraduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) Part II 3rd yr.

944(b) Introduction to a Systems Life Cycle, Graduate Class

Mr F. F. Land. Five classes, Michaelmas Term.

For M.Sc.; Dip. Personnel Management.

945(i) Computer Applications, Second Year

Mr Waters and others. Ten classes, Summer Term.

For B.Sc. (Econ.) Part II.

945(ii) Computer Applications, Third Year

Mr Waters and others. Ten lectures, Michaelmas and Lent Terms.

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

945(ii)(a) Computer Applications, Third Year Class

Mr Waters and others. Ten classes, Michaelmas and Lent Terms.

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

946 Computing Practical Class

Mr Waters and others. Thirty classes. Sessional.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs.

947 Data Processing Methods

Mr F. F. Land. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; M.Sc.

Syllabus Data capture and data transmission. System protection and error recovery. Coding systems.

Recommended reading R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming;* H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* A. Daniels and D. Yeates, *Basic Training in Systems Analysis;* R. R. Arnold, H. C. Hill and A. V. Nichols, *Introduction to Data Processing;* H. D. Clifton, *Systems Analysis for Business Data Processing.*

947(a) Data Processing Methods Undergraduate Class
Mr F. F. Land. Five classes, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

947(b) Data Processing Methods Graduate Class
Mr F. F. Land. Five classes, Lent Term.

For M.Sc.

948 Systems Analysis Methodology
Mr F. F. Land and Mr Stamper. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; M.Sc.

Syllabus Analysis and synthesis of information systems. Description of systems and complex procedures. Evaluation, implementation and maintenance of systems incorporating computers. Solution to the programming problem: high level languages, application packages, generalised programs, data base management systems, modular programming, computer utilities, data banks. Integrated and comprehensive systems. Automatic evaluation methods (SCERT).

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* H. D. Clifton, *Systems Analysis for Business Data Processing;* A. Chandos, J. Graham and R. Williamson, *Practical Systems Analysis;* A. D. Hall, *A Methodology for Systems Engineering;* W. T. Singleton, *Current Trends Towards Systems Designs;* C. B. Randall and S. W. Burgly, *Systems and Procedures for Business Data Processing;* R. W. Brightman, B. J. Luskin, T. Tilton, *Data Processing for Decision-Making;* Roger Gupta, *Electronic Information Processing;* D. H. Brandon, *Management Standards for Data Processing;* J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems;* D. H. Li, *Accounting, Computers, Management Information Systems;* Codasyl Systems Committee, *A Survey of Generalised Data Base Management Systems* (*Technical Report*, May 1969).

948(a) Systems Analysis Methodology Undergraduate Class
Mr F. F. Land and others. Ten classes, Michaelmas and Lent Terms.

948(b) Systems Analysis Methodology Graduate Class
Mr F. F. Land and others. Ten classes, Michaelmas and Lent Terms.

949 Computer Systems Design
Mr Waters. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; M.Sc.

Syllabus Methodology of designing program and file organizations for batch and real-time systems.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* D. D. McCracken, *A Guide to COBOL Programming;* J. Martin, *Design of Real-Time Computer Systems;* S. J. Waters, *Elements of Computer Systems Design.*

949(a) Computer Systems Design Undergraduate Class
Mr Waters. Ten classes, Lent Term.

949(b) Computer Systems Design Graduate Class
Mr Waters. Ten classes, Lent Term.

950(i) Numerical Methods, Second Year
Professor Douglas. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths. 2nd yr.

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.

Note It will be assumed that students have attended Course 942.

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.*

950(i)(a) Numerical Methods, Second-Year Class
Lecturer to be announced. Ten classes, Summer Term.

950(ii) Numerical Methods, Third Year
Professor Douglas. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

Syllabus See Course 950(i).

950(ii)(a) Numerical Methods, Third-Year Class
Lecturer to be announced. Twenty classes, Michaelmas and Lent Terms.

(e) OPERATIONAL RESEARCH

951 Elements of Management Mathematics
Mr Rosenhead and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; M.Sc.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: vectors and matrices, linear programming, game theory, critical path analysis, set theory, probability, decision trees, dynamic programming, Markov chains, replacement theory, stock control.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications;* J. C. Turner, *Modern Applied Mathematics;* M. Sasieni, A. Yaspan and L. Friedman, *Operations Research.*

951(a) Elements of Management Mathematics Class
Class teachers to be announced. Twenty classes, Michaelmas and Lent Terms.

952 Introduction to Operational Research Techniques
Mr Rosenhead. Nine lectures, Summer Term.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. c.u. main field Maths.; Dip. Stats.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and government. Topics treated will include: game theory, decision trees, critical path analysis, replacement theory, Markov chains.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications;* M. Sasieni, A. Yaspan and L. Friedman, *Operations Research.*

952(a) Introduction to Operational Research Techniques Class
Class teachers to be announced. Eight classes, Summer Term.

953 Operational Research Techniques
Mr Paul. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats.

Syllabus Inventory control. Scheduling. Queuing theory. Dynamic programming. Simulation.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research;* R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research;* D. R. Cox and W. L. Smith, *Queues;* R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming.*

953(a) Operational Research Techniques, Third-Year Class
Class teacher to be announced. Fifteen classes, Michaelmas and Lent Terms.

954 Mathematical Programming
Dr A. H. Land. Fifteen lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II: *Management Mathematics* 3rd yr.; B.Sc. (Maths.) 3rd yr.; Dip. Stats.

First ten lectures optional for B.Sc. (Econ.) Part II: *Economics treated Mathematically* 3rd yr.

Syllabus The first ten lectures of this course are intended to acquaint students with the formulation of linear programming problems and the properties of their solutions, and to draw attention to their relationship to economic theory. The remaining five lectures will be concerned with techniques of solution and formulation of special problems. A familiarity with simple matrix algebra will be assumed.

Recommended reading G. Hadley, *Linear Programming;* S. Vajda, *Readings in Linear Programming; An Introduction to Linear Programming and the Theory of Games;* R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis;* K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm.*

954(a) Mathematical Programming Class
Dr A. H. Land and others. Fifteen classes, Michaelmas and Lent Terms.

(f) GRADUATE COURSES (STATISTICS)

955 Advanced Probability and Stochastic Processes
Mr Hajnal and Dr Milne. Forty hours, Sessional.

For M.Sc.

956 Markov Chains and Related Topics
Mr Hajnal. Ten lectures, Lent Term.

For M.Sc.

Syllabus Markov chains with finite number of states in discrete and continuous time. Poisson process.

956(a) Markov Chains and Related Topics
Mr Hajnal. Ten classes, Lent Term.

957 Further Distribution Theory
Professor Durbin. Ten lectures, Lent Term.

For M.Sc.

Syllabus Distribution theory of quadratic forms in normally distributed random variables. Selected topics in the theory of order-statistics. Non-central χ^2 and F distributions. The sample distribution function.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics,* Vol. I, chaps. 14, 15, Vol. II, chap. 24, Vol. III, chap. 35; H. Cramér, *Mathematical Methods of Statistics;* S. S. Wilks, *Mathematical Statistics.*

958 Statistical Inference
Professor Durbin and Dr Knott. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Estimation theory. Unbiasedness, minimum variance, sufficiency, completeness, maximum likelihood. The theory of testing hypotheses. Confidence intervals. Inference for linear models. Decision theory. Bayesian methods. Likelihood. Tests of fit. Distribution-free methods. Sequential methods.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics,* Vols. II and III; H. Cramér, *Mathematical Methods of Statistics;* S. S. Wilks, *Mathematical Statistics;* E. L. Lehmann, *Testing Statistical Hypotheses;* D. V. Lindley, *Introduction to Probability and Statistics;* C. R. Rao, *Linear Statistical Inference and its Applications.*

958(a) Statistical Inference Class
Dr Knott. Ten classes, Sessional.

959 Multivariate Analysis
Dr C. S. Smith. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Multiple regression analysis. Component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Applications of these techniques.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics,* Vol. III, chaps. 41-45, with some supplementary notes.

960 Ranking and Other Distribution-Free Methods
Mr Fielding. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The rationale and efficiency of ranking and distribution-free methods. Two sample and k-sample rank tests. Randomisation tests. Rank correlation and tests of independence. Tests of randomness. Intervals for population percentiles. Tolerance intervals for a distribution. Confidence intervals for an unknown distribution function. Partitioning of degrees of freedom in contingency tables.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics,* Vol. II, chaps. 30, 31 and 32; J. Hajek, *Nonparametric Statistics;* J. Hajek and I. Sidak, *The Theory of Rank Tests;* S. Bradley, *Distribution Free Methods;* M. G. Kendall, *Rank Correlation Methods;* A. E. Maxwell, *Analysing Quantitative Data;* J. Conover, *Practical Nonparametric Statistics.*

961 Design and Analysis of Experiments
Dr Knott. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Principles of experimental design. Randomised blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. Analysis and interpretation of experimental results. Experimental complications and special analyses.

Recommended reading R. A. Fisher, *The Design of Experiments;* W. G. Cochran and G. M. Cox, *Experimental Designs;* O. L. Davies and others, *The Design and Analysis of Industrial Experiments;* H. Scheffé, *The Analysis of Variance;* D. R. Cox, *The Planning of Experiments;* O. Kempthorne, *The Design and Analysis of Experiments.*

961(a) Design and Analysis of Experiments Class
Dr Knott. Five classes, Summer Term.

962 Basic Time-Series Analysis
Professor Durbin, Dr Reid and Dr Wallis. Two hours per week, Michaelmas Term.

For M.Sc.

Syllabus Basic structure of time series. Stationarity. Autocorrelation. Periodogram and spectrum. Linear models. Forecasting. Elementary treatment of model-fitting in time-series analysis. Effects of autocorrelation on regression analysis. Tests of serial independence.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis; Multiple Time Series;* C. W. J. Granger and M. Hatanaka, *Spectral Analysis of Economic Time Series;* E. Malinvaud, *Statistical Methods of Econometrics;* A. M. Yaglom, *An Introduction to the Theory of Stationary Random Functions;* G. S. Fishman, *Spectral Methods in Econometrics;* G. M. Jenkins and D. G. Watts, *Spectral Analysis and its Applications;* T. W. Anderson, *The Statistical Analysis of Time Series;* P. J. Dhrymes, *Econometrics.*

963 Further Time-Series Analysis

Professor Durbin, Dr Reid and Dr Wallis. Two hours per week, Lent Term.

Optional for M.Sc.

Syllabus Properties of Fourier transforms. Estimation of spectrum. Cross-spectral methods. Linear time invariant relations between series.

Recommended reading as for Course 962.

964 Prediction and Control

Dr Hendry and Dr Reid. Ten lectures, Lent Term.

For M.Sc.: *Econometric Theory II.* Optional for M.Sc.: *Econometric Theory I; Statistical Methodology and Inference.*

Recommended reading P. Whittle, *Prediction and Regulation by Linear Least-Square Methods;* H. Theil, *Optimal Decision Rules for Government and Industry;* C. C. Holt, F. Modigliani, J. F. Muth and A. A. Simon, *Planning Production, Inventory and Work Force.*

965 Selected Techniques of Quantitative Analysis

Mr Fielding. Eight lectures and four classes, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Selections from stochastic population models, latent structure analysis, clustering techniques, scaling techniques, multivariate model building.

966 Model Building

Professor Bartholomew and Dr Phillips. Twelve lectures and six classes, Lent and Summer Terms.

For M.Sc.

Syllabus Model building, theory, applications and evaluation of policy implications, decision-making. Input-output and flow models; simulation techniques. Data storage and retrieval: record linkage.

967 Topics in Model Building

Dr Reid. Ten hours, Michaelmas Term.

For M.Sc.

968 Causal Analysis

Miss Atkins. Twelve hours, Lent and Summer Terms.

For M.Sc.

Syllabus Causal analysis, including recursive systems, path coefficients, cross-lagged correlations. Effects of measurement error.

969 Further Sample Survey Theory and Methods

Mr O'Muircheartaigh. Twenty lectures, Sessional, beginning in the fourth week of the Michaelmas Term.

Note This course presupposes attendance at Course 928.

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;* W. G. Cochran, *Sampling Techniques* (2nd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III (chaps. 39 and 40); W. E. Deming, *Sample Design in Business Research;* F. Yates, *Sampling Methods for Censuses and Surveys;* M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory;* D. Raj, *Sampling Theory;* P. V. and B. V. Sukhatme, *Sampling Theory of Surveys with Applications.*

969(a) Further Sample Survey Theory and Methods Class

Mr O'Muircheartaigh. Eight classes, Lent and Summer Terms.

970 Bayesian Estimation in Sampling Theory

Mr O'Muircheartaigh. Five lectures, beginning in the sixth week of the Lent Term.

For M.Sc.

971 Survey Design, Execution and Analysis

Mr O'Muircheartaigh. Twenty-two lectures of two hours each, Sessional.

For M.Sc.

972 Statistical Aspects of Educational Planning

Mr G. L. Williams and Dr Phillips. Fifteen lectures, Michaelmas and Lent Terms.

Whole Course for M.Sc.: *Educational Statistics*; Dip. Stats. Optional for M.Sc.: *Educational Administration.*

Michaelmas Term only for B.Sc. (Econ.) Part II 3rd yr.; B.Sc. (Maths.) 3rd yr.

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.

973 Educational Statistics (Seminar)

Dr Phillips. Ten fortnightly seminars, Sessional.

For M.Sc.

974 Fortran Programming (Statistics)

Miss S. A. Brown and Mr F. F. Land. Last week, Summer vacation.

For M.Sc.: Statistics. Dip. Stats. students should take *either* this course *or* Course 943 (a), (b) or (c).

Recommended Reading: D. D. McCracken, *A Guide to Fortran IV Programming.*

975 Statistical Analysis Practical Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

For M.Sc. Fortran computer language will be used.

976 Further Statistical Methods

Mr Fielding. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc. It will be assumed that students have a knowledge of statistics to the standard of Course 917.

Syllabus Nonparametric and distribution free techniques, analysis of variance and covariance for various experimental designs. Elements of matrix algebra. Multiple correlation and regression. Some multivariate procedures.

Recommended reading H. M. Blalock, *Social Statistics;* S. Siegel, *Nonparametric Statistics for the Behavioural Sciences;* J. Hajek, *Nonparametric Statistics;* T. Yamane, *Statistics, an Introductory Analysis;* W. L. Hays, *Statistics;* D. R. Cox, *Planning of Experiments;* A. L. Edwards, *Statistical Methods.*

977 Statistical Research Workshop

Professor Durbin and Dr Reid. Weekly, Michaelmas and Lent Terms.

For research students and staff in statistics and econometrics and others with a specialist interest in the topic.

Syllabus A review of the theory and methods of forecasting and discussion of current research in the field. Attendance by permission of Professor Durbin or Dr Reid.

978 Applied Statistics Seminar

Dr Reid and others. Ten meetings of one-and-a-half hours, fortnightly, Michaelmas and Lent Terms.

For M.Sc.; Dip. Stats. and other graduate students.

979 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 Sir Roy Allen or Professor Durbin.

980 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 Sir Roy Allen or Professor Durbin.

(g) GRADUATE COURSES (OPERATIONAL RESEARCH AND MANAGEMENT STUDIES)

981 Statistical Theory

Dr C. S. Smith. Forty lectures and twenty classes, Michaelmas and Lent Terms.

Whole course for M.Sc.: *Statistical Theory;* Dip. Stats. students who already have a knowledge of statistics need not attend until the fourth week of the Michaelmas Term. **Selected lectures only** for M.Sc.: *Operational Research II.*

Syllabus Probability and distribution theory, estimation theory, regression, analysis of variance and general linear models.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics,* Vol. I; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics;* O. L. Davies, *Statistical Methods in Research and Production;* N. R. Draper and H. Smith, *Applied Regression Analysis.*

982 Operational Research Methodology

Mr Rosenhead. Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc.

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;* J. R. Ravetz, *Scientific Knowledge and its Social Problems.*

983 Basic Operational Research Techniques

Mr Paul. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus An introduction to stock control, scheduling, queuing theory, replacement, critical path analysis and dynamic programming.

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.*

983(a) Basic Operational Research Techniques Class

Mr Paul. Ten classes, Michaelmas Term.

984 Advanced Operational Research Techniques

Mr Rosenhead and Mr Paul. Fifteen lectures, Lent and Summer Terms.

For M.Sc.

Syllabus Replacement theory, scheduling, inventory control, queuing theory, dynamic programming.

Recommended reading D. W. Jorgenson, J. J. McCall and R. Radner, *Optimal Replacement Policy;* D. R. Cox and W. L. Smith, *Queues;* R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming;* R. A. Howard, *Dynamic Programming and Markov Processes;* R. W. Conway, W. L. Maxwell and L. W. Miller, *Theory of Scheduling;* F. Hanssmann, *Operations Research in Production and Inventory Control;* E. Naddor, *Inventory Systems.*

984(a) Advanced Operational Research Techniques Class

Mr Rosenhead and Mr Paul. Fifteen classes, Lent and Summer Terms.

985 Basic Mathematical Programming

Dr A. H. Land. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs, interpretation of the solutions; limitations of such models.

Recommended reading K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm;* R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis;* S. Vajda, *Readings in Linear Programming;* H. G. Daelleback and E. J. Bell, *Users' Guide to Linear Programming.*

985(a) Basic Mathematical Programming Class
Ten classes, Michaelmas Term.

986 Advanced Mathematical Programming
Dr A. H. Land. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Basic formulations and theories of mathematical programming, convex point sets, linear and non-linear objective functions. Methods of solution.

Recommended reading G. Hadley, *Linear Programming;* D. Gale, *The Theory of Linear Economic Models;* G. B. Dantzig, *Linear Programming and Extensions;* R. L. Graves and P. Wolfe (Eds.), *Recent Advances in Mathematical Programming.*

986(a) Advanced Mathematical Programming Class
Twenty classes, Michaelmas and Lent Terms.

987 Theory of Games
Mr Paul. Four lectures, Lent 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.*

988 Graph Theory
Mr Shier. Ten lectures, Lent Term.

For M.Sc. Recommended for other graduate students in Operational Research or Statistics.

Syllabus Fundamental concepts in graph theory, planal and dual graphs, maximum-minimum problems in networks; matching theory.

Recommended reading C. L. Liu, *Introduction to Combinatorial Mathematics;* F. Harary, *Graph Theory.*

988(a) Graph Theory Class
Class teacher to be announced. Ten classes, Lent Term.

989 Forecasting and Exponential Smoothing
Mr Paul. Three lectures, Lent Term.

For B.Sc. (Econ.) Part II 3rd yr.; M.Sc.

990 Selected Topics in Operational Research
Mr Rosenhead and others. Fifteen meetings, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.

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.

991 Operational Research Tutorial Class
Dr A. H. Land, Mr Rosenhead and Mr Paul. Ten sessions of one-and-a-half hours, Lent Term.

For M.Sc.

992 Fortran Programming (Operational Research)
Mr Heard. Last week, Summer Vacation.

For M.Sc.: Operational Research only.

Recommended reading R. S. Ledley, *Fortran IV Programming;* D. D. McCracken, *A Guide to Fortran IV Programming.*

993 Information
Mr Stamper. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus Information as signs, signs and behaviour, semantics, syntactics, transmission of signals. Problems in the measurement of information relative to behaviour, relative to a formal language and as variety.

Recommended reading C. Cherry, *On Human Communication;* R. K. Stamper, *Information.*

993(a) Information Class
Mr Stamper. Five classes, Michaelmas Term.

For M.Sc.

994 Business Information Systems
Mr Stamper. Ten lectures, Lent Term.

For M.Sc.

Syllabus Some important information systems and how they vary from one type of organization to another. Information handling functions, communication, information storage and retrieval.

Recommended reading J. Dearden, F. W. McFarlan and W. M. Zani, *Management Information Systems;* E. S. Buffa, *Production-Inventions Systems;* C. B. Randall and S. W. Burgly, *Systems and Procedures for Business Data Processing;* L. R. Carzo and J. N. Yanouzas, *Formal Organization.*

994(a) Business Information Systems Class
Mr Stamper. Five classes, Lent Term.

For M.Sc.

995 Basic Systems Analysis
Mr F. F. Land and Mr Waters. Twelve lectures, Michaelmas Term.

For M.Sc.; Dip. Personnel Management.

Syllabus An introduction to systems analysis and the role the systems analyst plays in the design of computer based systems.

Recommended reading A. Daniels and D. Yeates, *Basic Training in Systems Analysis.*

995(a) Basic Systems Analysis Class
Mr F. F. Land and Mr Waters. Six classes, Michaelmas Term.

For M.Sc.; Dip. Personnel Management.

996 Economics for Operational Research
Mr Lane. Ten lectures, Summer Term.

For M.Sc.

997 Design Methods in Planning
Mr Rosenhead. Five lectures, of two hours, Lent Term.

For M.Sc.

Syllabus The internal structure of design problems; the analysis of interconnected decision areas. The impact of uncertainty on planning; planning as a 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.*

998 Introduction to Simulation
Mr Paul. Ten lectures, Lent Term.
For M.Sc.

Syllabus Types and uses of simulation models. Monte Carlo methods. Random and pseudo-random numbers. Event sequence and control. Variance reduction. Verification. Simulation languages.

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. Gordon, *System Simulation;* J. H Mize and J. G. Cox, *Essentials of Simulation.*

L.S.E. Books

Some recent volumes published under the Weidenfeld and Nicolson/L.S.E. joint imprint are described below. Enquiries about publications sponsored or published by the School should be addressed to the Publications Officer.

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Fellow in Management Studies, London School of Economics **£4·50** *net*

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DIMITRY POSPIELOVSKY
Senior Research Analyst, Radio Liberty, Munich
Foreword by Professor Leonard Schapiro **£2·50** *net*

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C. A. E. GOODHART
Adviser in the Economic Section, Bank of England **£6·00** *net*

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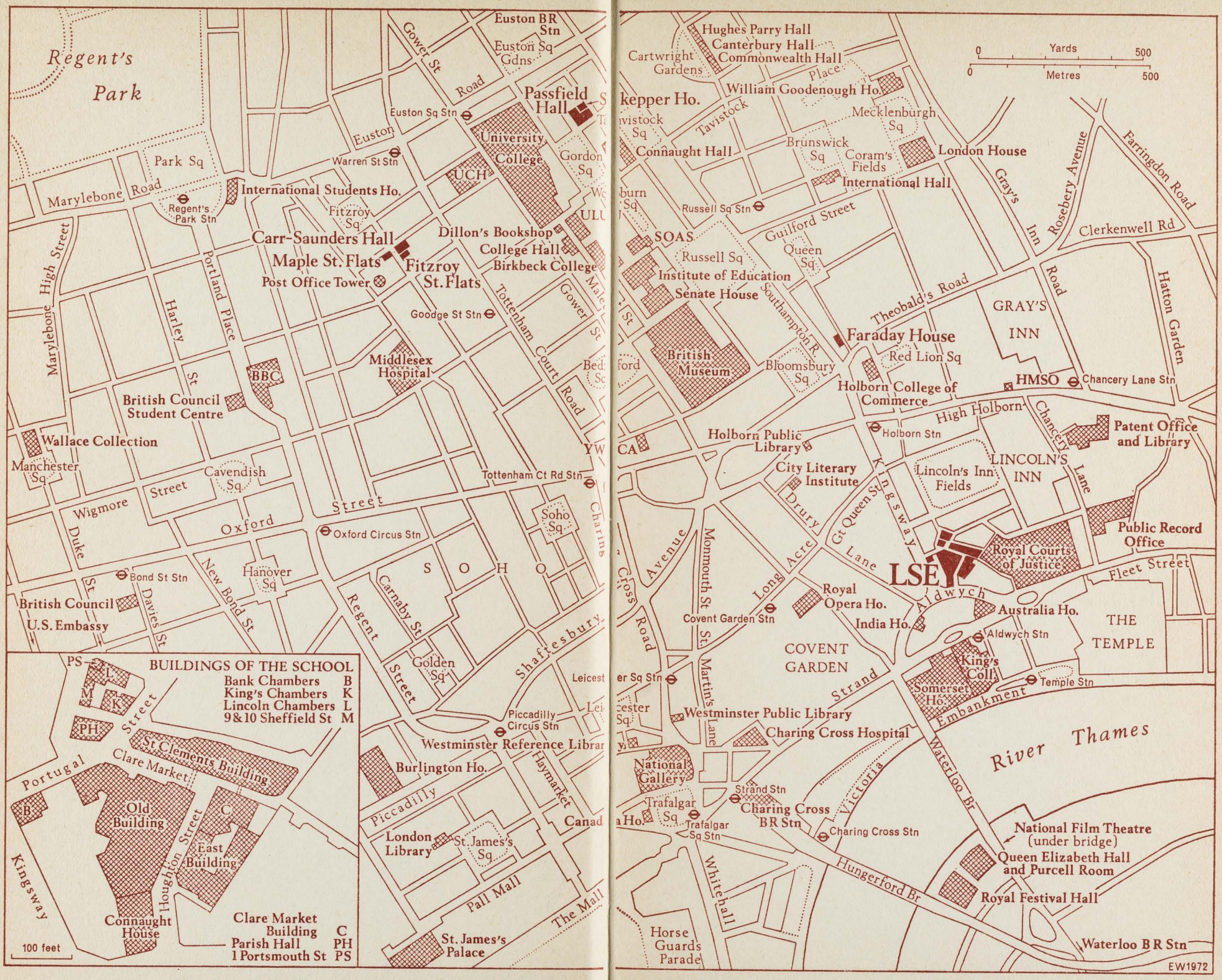

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Euston Sq Gdns
Gower St
Road
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Euston Sq Stn
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Gordon Sq
Park Sq
Marylebone Road
Warren St Stn
UCH
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BBC
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Manchester Sq
Cavendish Sq
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Tottenham Ct Rd Stn
Soho Sq
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Aldwych Stn
COVENT GARDEN
King's Coll.
Somerset Ho.
Temple Stn
Embankment
Strand
Westminster Public Library
Charing Cross Hospital
Martin's Lane
National Gallery
Strand Stn
Trafalgar Sq
Trafalgar Sq Stn
Charing Cross BR Stn
Charing Cross Stn
Victoria
Waterloo Br
River Thames
National Film Theatre (under bridge)
Queen Elizabeth Hall and Purcell Room
Royal Festival Hall
Hungerford Br
Whitehall
Horse Guards Parade
Waterloo B R Stn
0 Yards 500
0 Metres 500
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King's Chambers K
Lincoln Chambers L
9&10 Sheffield St M
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L
M
K
PH
Portugal Street
St Clements Building
Clare Market
B
Old Building
C
East Building
Houghton Street
Kingsway
Connaught House
Clare Market Building C
Parish Hall PH
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