LSE/UNREGISTERED/27/5/9

Correspondence Dept. H104

Regent's Park
Park Sq
Marylebone Road
Regent's Park Stn
International Students Ho.
Gower St
Euston Sq Gdns
Euston Road
Euston Sq Stn
Euston
Warren St Stn
University College
UCH
Passfield Hall
Tavistock Sq
Gordon Sq
Woburn Sq
ULU
Fitzroy Sq
Carr-Saunders Hall
Dillon's Bookshop
College Hall
Birkbeck College
SOAS
Russell Sq
Institute of Education
Senate House
Post Office Tower
Goodge St Stn
Malet St
Gower St
Tottenham Court Road
British Museum
Bedford Sq
Middlesex Hospital
BBC
British Council Student Centre
Wallace Collection
Manchester Sq
Cavendish Sq
Wigmore Street
Duke St
Oxford Street
Oxford Circus Stn
Bond St Stn
Davies St
New Bond St
Hanover Sq
British Council
U.S. Embassy
Tottenham Ct Rd Stn
Soho Sq
S O H O
Charing Cross Road
Regent Street
Carnaby St
Golden Sq
Shaftesbury Avenue
Leicester Sq Stn
Leicester Sq
Piccadilly Circus Stn
Westminster Reference Library
Burlington Ho.
Piccadilly
Haymarket
London Library
St. James's Sq
Pall Mall
St. James's Palace
The Mall
Canada Ho.
Trafalgar Sq
Trafalgar Sq Stn
National Gallery
Horse Guards Parade
Whitehall
Monmouth St
Long Acre
Covent Garden Stn
COVENT GARDEN
Westminster Public Library
Charing Cross Hospital
Strand Stn
Charing Cross BR Stn
Charing Cross Stn
Victoria Embankment
Waterloo Br
River Thames
Hungerford Br
National Film Theatre (under bridge)
Queen Elizabeth Hall and Purcell Room
Royal Festival Hall
Waterloo B R Stn
Commonwealth Hall
Canterbury Hall
Cartwright Gardens
Tavistock Place
William Goodenough Ho.
Mecklenburgh Sq
Brunswick Sq
Coram's Fields
Connaught Hall
London House
International Hall
Russell Sq Stn
Guilford Street
Queen Sq
Theobald's Road
Southampton Row
Gray's Inn Road
Rosebery Avenue
Farringdon Road
Clerkenwell Rd
Hatton Garden
GRAY'S INN
Red Lion Sq
Bloomsbury Sq
Holborn College of Commerce
HMSO
Chancery Lane Stn
High Holborn
Holborn Stn
Holborn Public Library
City Literary Institute
Drury Lane
Gt Queen St
Kingsway
Chancery Lane
Patent Office and Library
LINCOLN'S INN
Lincoln's Inn Fields
Public Record Office
Royal Courts of Justice
LSE
Fleet Street
Royal Opera Ho.
India Ho.
Aldwych
Australia Ho.
Aldwych Stn
THE TEMPLE
King's Coll.
Somerset Ho.
Temple Stn
Embankment
Strand

0 Yards 500
0 Metres 500

EW1968

BUILDINGS OF THE SCHOOL

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

PS
L
M
K
PH
Portugal Street
Clare Market
St Clements Building
B
Old Building
E
East Building
6 Clements Inn
Houghton Street
Kingsway
Connaught House
100 feet

LSE
Manc
Sc
Brit
U.
Por
B
Kingsway
100 f

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

Calendar 1969–70

design/print Eyre & Spottiswoode Ltd, Thanet Press, Margate

Table of Contents

Part I

endpapers Map of School Location
page 8 General Information
9 Dates of Terms 1969–70
10 Calendar 1969–70
21 The Court of Governors
23 Honorary Fellows
25 Academic and Research Staff
35 Part-time Academic Staff
36 Academic Staff by Departments
40 Conveners of Departments
40 Committees of the Court of Governors
41 Committees of the Academic Board
44 Administrative Staff
47 Library Staff
48 History of the School
50 Report by the Director on the Session 1967–68
59 Academic Awards
75 Athletic Awards
76 Research
85 Publications by Members of the Staff
114 Statistics of Students

Part II

121 Admission of Students
130 Regulations for Students
137 Fees
141 Scholarships, Studentships, Exhibitions and Bursaries
165 Medals and Prizes
171 First-Degree Courses
210 Advantages and Concessions in Professional Training
212 Regulations for Diplomas awarded by the School
228 The Graduate School and Regulations for Higher Degrees
252 Diploma in Social Anthropology
254 Dates of Examinations
256 Trade Union Studies Course
257 Regulations as to Honorary Fellows
258 British Library of Political and Economic Science
262 University Library
262 The Economists' Bookshop
263 Publications of the School

265 Student Health Service
266 Careers
268 Students' and Athletic Unions
270 Graduate Students' Association
271 Residential Accommodation
276 The London School of Economics Society
277 Friends of the London School of Economics

Part III

Lectures, Classes and Seminars:
280 General Introductory Courses
283 Development Administration
286 Economics
315 Accounting and Finance
321 Geography
History:
337 Economic History
344 International History
352 General and Special Courses for B.A. Honours in History
357 Industrial Relations
364 Language Studies
375 Law
415 Philosophy, Logic and Scientific Method
Political Studies:
423 Government
437 International Relations
Sociological Studies:
453 Anthropology
459 Demography
463 Psychology
467 Social Science and Administration
475 Diploma in Personnel Management
476 Diploma for Social Workers in Mental Health
480 Diploma in Applied Social Studies
484 Sociology
Statistics, Mathematics, Computing and Operational Research:
503 Mathematics
506 Statistical Theory and Method
509 Applied Statistics
512 Computing
514 Operational Research

525 Books, Journals, Economists' Bookshop
531 Index

Part I: General Information

Postal Address: Houghton Street, Aldwych, London, W.C.2

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, W.C.2. £1 10s. 0d. 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, Mathematics, Computing and Operational Research
Joint School of Geography
Diploma in Development Administration
Department of Social Science and Administration
Diploma in Personnel Management
Trade Union Studies
Graduate Studies in International Relations
Graduate Studies in Politics
Graduate Studies in Social Psychology
Regional and Urban Planning Course
Catalogue of Publications

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

Dates of Terms

Session 1969-70

Michaelmas Term: Monday, 29 September to Tuesday, 9 December 1969 (Teaching begins Wednesday, 1 October)

Lent Term: Monday, 5 January to Friday, 13 March 1970

Summer Term: Monday, 20 April to Friday, 26 June 1970

Session 1970-71

Michaelmas Term: Monday, 5 October to Tuesday, 15 December 1970 (Teaching begins Wednesday, 7 October)

Lent Term: Monday, 11 January to Friday, 19 March 1971

Summer Term: Monday, 26 April to Friday, 2 July 1971

Calendar 1969-70

(University functions in italics)

September 1969

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

October 1969

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

November 1969

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

December 1969

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

January 1970

1	Th	
2	F	
3	S	
4	**S**	
5	M	**School Lent Term begins**
6	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m.
7	W	*University Lent Term begins*
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, 2 p.m.
15	Th	
16	F	
17	S	
18	**S**	
19	M	
20	Tu	
21	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.
22	Th	Safety Committee, 4 p.m.
23	F	
24	S	
25	**S**	
26	M	Committee on Undergraduate Studies, 5 p.m. Student Health Service Committee, 4.15 p.m.
27	Tu	
28	W	Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
29	Th	Athletics Committee, 4 p.m.
30	F	
31	S	

February 1970

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

March 1970

1	S	
2	M	Refectory Advisory Committee, 4 p.m.
3	Tu	Staff Research Fund Committee, 4.30 p.m. Standing Committee, 5 p.m.
4	W	Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m.
5	Th	
6	F	
7	S	
8	S	
9	M	Meeting of Professors of Economics, 2 p.m. Building Committee, 5 p.m. Committee on Undergraduate Studies, 5 p.m.
10	Tu	Staff Research Fund Committee, 4.30 p.m.
11	W	*Presentation Day. Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m.
12	Th	Athletics Committee, 4 p.m.
13	F	**School Lent Term ends**
14	S	
15	S	
16	M	
17	Tu	Admissions Committee, 10 a.m.
18	W	*University Lent Term ends*
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	School buildings close for Easter holiday, 9.30 p.m.
26	Th	
27	F	Good Friday
28	S	
29	S	Easter Sunday
30	M	Easter Monday
31	Tu	

April 1970

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

May 1970

1	F	
2	S	
3	**S**	
4	M	Building Committee, 5 p.m.
5	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m.
6	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.
7	Th	Accommodation Committee, 4 p.m. Safety Committee, 4 p.m.
8	F	Committee on the Welfare of Overseas Students, 2 p.m.
9	S	
10	**S**	
11	M	Student Health Service Committee, 4.15 p.m.
12	Tu	
13	W	*Presentation Day*. Appointments Committee, 2 p.m. Research Committee, 4.30 p.m.
14	Th	
15	F	
16	S	
17	**S**	Whit Sunday
18	M	Meeting of Professors of Economics, 2 p.m. Refectory Advisory Committee, 4 p.m.
19	Tu	
20	W	Academic Board, 2 p.m.
21	Th	Athletics Committee, 4 p.m.
22	F	
23	S	
24	**S**	
25	M	Spring Holiday
26	Tu	
27	W	Standing Sub-Committee of the Appointments Committee, 2 p.m.
28	Th	
29	F	
30	S	
31	**S**	

June 1970

1	M	
2	Tu	Standing Committee, 5 p.m.
3	W	Scholarships and Prizes Committee, 11 a.m. Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. *Board of Studies in Economics*, 2.30 p.m. *Higher Degrees Sub-Committee of the Board of Studies in Economics*, 4 p.m. Library Committee, 4.30 p.m.
4	Th	
5	F	
6	S	
7	**S**	
8	M	Building Committee, 5 p.m.
9	Tu	Publications Committee, 11 a.m.
10	W	Appointments Committee, 2 p.m.
11	Th	Court of Governors, 5 p.m.
12	F	
13	S	
14	**S**	
15	M	
16	Tu	Investments Committee, 5 p.m.
17	W	Academic Board, 2 p.m.
18	Th	Athletics Committee, 4 p.m.
19	F	
20	S	
21	**S**	
22	M	Meeting of Professors of Economics, 2 p.m.
23	Tu	
24	W	Graduate School Committee, 2 p.m.
25	Th	
26	F	**School Summer Term ends**
27	S	
28	**S**	
29	M	
30	Tu	

July 1970

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

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[4]Nominated by the Academic Board

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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)
J. Long, B.SC. (QUEENSLAND), M.B., B.S., D.O. (MELBOURNE), F.R.C.S.: *Ophthalmic Surgeon*
P. Ayling, B.D.S. (EDINBURGH): *Dental Surgeon*
J. Skuse, B.D.S. (LONDON), L.D.S., R.C.S. (ENG.): *Dental Surgeon*
Charlotte Alexander, S.R.N.: *School Nurse*

Maintenance and Catering Staff

D. J. McDougall: *Catering Manager*
Eileen P. Campbell: *Assistant Catering Manager*
E. Brown: *House Manager*
W. C. Frisby: *Chief Electrician*
F. C. Jones: *Technical Assistant to the Surveyor*
L. F. Kearey: *Head Porter*
Elizabeth M. S. Dunwoody, M.I.M.A.: *Housekeeper*
F. W. Napleton: *Clerk of Works, St. Clements Building*

Passfield Hall

J. A. W. Forge, M.A.: *Warden*
Ursula A. Thomas, B.SC., F.I.M.A.: *Bursar and Assistant Warden*
F. R. Bridge, B.A., PH.D., A.K.C.: *Sub-Warden*
R. J. Bullen, B.SC.ECON.: *Sub-Warden*

Carr-Saunders Hall

M. Bromwich, B.SC.ECON.: *Warden*
Florence M. Jones: *Resident Bursar*
R. M. Lewis, LL.B., M.SC.: *Sub-Warden*

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.
E. C. Blake, B.A.
Margaret N. Blount, B.A.
D. A. Bovey, B.SC.ECON.
Jane T. Henderson, B.A.
W. Hughes, B.A.
B. R. Hunter, B.A.
Christine G. James, M.A.
Diane L. McDonald, B.A.
K. O. Parsons, M.A.
R. O. A. Robson, B.A.
J. M. Walpole, B.A.

Principal Library Assistants

F. W. Blackburn, Nora C. F. Blacklock: *Superintendent of the Teaching Library*, E. W. P. Rhoades, Diana Stanley, Joan M. Warren.

Senior Library Assistants

R. Ashley, Marjorie M. Burge, B.A., T. B. Coleman, Deirdre McKellar, Susan Reed, M.A., Charlotte A. Rosenbaum, B.A., Diana M. Wates.

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 Bernard Shaw. It was here in November 1896 that the School's library, The British Library of Political and Economic Science, was started. From the first the School set itself to cater for older students as well as for those of normal university age, attracting them particularly from business and administration; and from the first held itself open equally to students of both sexes.

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

Numbers soon rose; and in 1902 the School moved into its first purpose-built accommodation. The site was provided by the London County Council in Clare Market; 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 expanded likewise, 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 computers and statistical machines, meeting-rooms for student gatherings, and modest facilities for physical recreation, in addition to more accommodation for conventional academic needs.

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 1967–68

The session 1967–68 was the first of a new quinquennium, 1967–72. For the School, as for all the other London colleges, this quinquennium will be a period of standstill rather than of development, because the recurrent grants from central and local government sources are barely sufficient to meet existing commitments. Few, if any, of the proposals in the School's development plan for the quinquennium can be brought into operation.

This is disappointing in itself because the two or three years of new activity, particularly in research, now lost can never be regained, and still more because a university needs some momentum of development to maintain its full efficiency, especially in a period in which the teaching and research services of universities are so conspicuously needed.

The disappointment was harder to endure because of the fumbling way in which the recurrent grants for the quinquennium were introduced. We began with only a 'provisional' grant for 1967–68 and no knowledge of what the grants for the remainder of the quinquennium would be. It was not until half way through the first year, in January 1968, that we were informed of the grant for 1967–68 and for the subsequent four years. Even then, there was a significant missing factor which made detailed planning and estimating for the quinquennium impossible; the School was not informed until July 1968 of the income it would receive from the equalisation fund for overseas students fees.

Differential fees for overseas students had been introduced by a government decision in December 1966, without prior consultation with the universities. The rate for newly registered students was to be £250 p.a., with an increase of £50 p.a. over the normal fees for those already embarked on courses. This arbitrary decision was deeply resented by the universities, both because of the principle of discrimination involved and because of the manner in which it had been introduced. It immediately caused cases of individual hardship with which the government had to deal by various supplementary grants. At the cost of much administrative effort, in which Students' Union representatives shared most effectively, all known cases of serious individual hardship at the School have been disposed of satisfactorily. The universities and the colleges of the University of London agreed to pool the additional income received from the increased fees, in order to avoid the financial inequity that would otherwise have resulted from the great variations in the proportions of overseas students in the individual institutions. The operation of this equalisation fund remained and still remains a distracting, if minor, factor in university financing. It is to be hoped that it will disappear if the general question of fees in higher education can be settled in the tripartite discussions which are now proceeding between the central government, the local authorities and the universities, and that the arbitrary differential between overseas and United Kingdom resident students will be removed as part of a general settlement.

In July 1968 the Court of the University of London informed the School that it could retain its income for 1967–68 from overseas fees and that the Court grants

announced in January 1968 would be reduced. The School can accordingly expect in the quinquennium the following Court grants:

1967–68	£1,443,000
1968–69	£1,467,000
1969–70	£1,496,000
1970–71	£1,530,000
1971–72	£1,565,000

in addition to overseas fee income (of the order of £80,000 in 1967–68), normal fee income and its income from other sources.

The Court grant to the School is mainly composed of a proportion of the University Grants Committee's allocation of funds to the University. In announcing its recurrent grants for the quinquennium, the University Grants Committee for the first time accompanied its allocations with a memorandum of general guidance indicating its own priorities for university development, and with more specific indicative proposals for the individual institutions. In particular, it linked its grants to student targets to be achieved in the quinquennium and took the view that 'the undergraduate numbers are a genuine priority', and that 'in the light of present A level trends the major increase must be in the number of arts-based, rather than science-based, students'. The Court of the University of London, in assessing its grants to the School 'had in mind the following 1971–72 full-time student numbers targets' for the School, 1,725 undergraduate and 1,206 postgraduate.

The University Grants Committee in its letter to the University of London stated that it had 'not felt able to make provision for a further swing from undergraduate to postgraduate work in Social Studies at the London School of Economics; this reflects the need substantially to increase during the present quinquennium the number of undergraduate places in these subjects and the limited funds available for an expansion of postgraduate numbers'.

This issue of the balance between the undergraduate and postgraduate activities of the School is fundamental. The School's considered long-term policy has been to stabilise its undergraduate numbers while developing and expanding its graduate school. This policy has had the explicit approval of the University Grants Committee for many years and it is disconcerting that, at least for this quinquennium, there should be a halt in its implementation. The Academic Board and the Governors while accepting the University Grants Committee's guidance for the immediate future, reaffirmed that the continuing development policy of the School must be in the growth of its graduate school.

The reasons for this long-term policy are powerful. The School has assembled a specialist staff in the social sciences unique in its distinction and range, which has made it a national and international centre for graduate training and research. Its Library is the greatest collection in the social sciences in Europe and attracts scholars from all parts of the world. Located at the heart of the metropolis, the School has unrivalled accessibility to the economic, political, legal and professional life of the country. It has been, and remains, a pioneer in most of the social sciences and has provided, and continues to provide, many of the teachers and research workers needed for the development of the social sciences in other universities and institutions. Since the War, provision for first-degree training in the social sciences

has been made in almost all the universities in Great Britain and in many other institutions of tertiary education; the number of applicants for entry to the social sciences has increased more than in any other academic field; there is now a growing flood of graduates in the social sciences seeking opportunities for postgraduate study. The increasing sophistication and specialisation of these sciences, together with the need to avoid undue pressure in undergraduate courses, create a situation in which the three-year basic training of a first degree is in many cases insufficient for professional competence. A rising proportion of graduates needs the additional preparation provided by a Master's or other higher degree. On its restricted site in an area of extremely high-cost land and buildings, the School cannot expand its student numbers greatly; it would be financially extravagant and an uneconomic use of its specialist resources for it to attempt to cope with a large increase in undergraduates; its quantitative growth should be in postgraduate and other specialised activities.

I fully share my colleagues' conviction that the distinctive and most effective contribution which the School can make, nationally and internationally, is in the postgraduate sphere, while retaining a vigorous undergraduate school of approximately its present size. I hope, therefore, that the University Grants Committee's guidance for the present quinquennium will prove to be only a temporary interruption in the agreed pursuit of the School's long-term development policy.

My remarks about the quinquennial settlement may appear to be ungracious and petulant. I recognise that in a period of grave economic difficulty for the country, the universities cannot be exempted from sharing in the inescapable cuts in government expenditure and in the postponement of desirable developments. It would be unjust not to pay tribute to the achievements of the University Grants Committee and of the Court of the University in defending the interests of the universities and of the colleges of London at a time of exceptional strains and complications. My anxiety is that the central organisations for dealing with universities have not yet developed and adjusted sufficiently to cope with the new situation created by the sudden growth in size and numbers of universities in the last decade. The Department of Education and Science, inexperienced in university matters, the University Grants Committee, the Committee of Vice-Chancellors and Principals, and the central organs of the University of London have not yet had time to adapt themselves to the novel issues raised by the changes in scale in university affairs. There is consequently a certain lack of subtlety and discrimination in the decisions and procedures, which may ignore or damage the special cases within the richly varied university world.

An illuminating example of this, which seriously affects the School, was the introduction of a new senior/junior staff ratio as a requirement to be observed by all universities. The proportion of senior staff, that is professors, readers and senior lecturers, was not to exceed 35 per cent of the total academic staff. When this was announced, the proportion in the School was 45 per cent. It has never been explained convincingly what useful purpose any such senior/junior ratio is intended to serve, but its uniform application to each university institution creates absurdities as well as needless difficulties and injustices. Were the School to put it forthwith into effect it would be compelled to keep senior posts vacant indefinitely and to deny all promotions from the lectureship grade to senior lectureships. It is a blunt instrument for dealing with a variety of staffing situations. It ignores the special needs of

the University of London colleges like the School with an exceptionally high commitment to postgraduate teaching which, as one of several factors, involves them in having a greater proportion of senior staff than the national average. Happily, negotiations by the University and its colleges throughout the session are likely to win recognition of London's special situation and to avoid the most damaging consequences for the University and the School. The episode, however, illustrates the dangers to real academic interests and thus the long-term national interests that arise from the application of an egalitarian and rigid approach to the dissimilarities which are one of the great strengths of the British universities.

Student numbers

The total number of students, 3,833 in the session 1966–67, exceeded the targets which the School had set for itself. This led to an undue strain on the resources, particularly of staff, library and accommodation, and to the decision to control registrations for the session 1967–68 more tightly. The limitation was all the more necessary because the buildings in Clements Inn Passage had to be destroyed, with a loss of 13,000 square feet of accommodation, in preparation for erection of the new buildings on the site. The total number of students in 1967–68 was 3,439, a reduction of 394 or slightly more than 10 per cent from the previous session's total.

The reductions in the various categories of students are shown in the following table:

	Session 1966–67	*Session* 1967–68	*Percentage Reduction*
REGULAR STUDENTS			
First degree	1,743	1,669	4·2
First diploma	83	73	12·0
Higher degree	1,206	1,195	0·9
Higher diploma and certificate	198	166	16·2
Research fee	137	81	40·9
Other regular	111	78	29·7
TOTAL OF REGULAR STUDENTS	3,478	3,262	6·2
OCCASIONAL STUDENTS	355	177	50·4
GRAND TOTAL	3,833	3,439	10·3

It will be seen that the greatest proportionate reductions were in the numbers of Occasional students and Research Fee students, and that these two combined, 234, account for nearly two-thirds of the total reduction of 394.

Within the overall totals, the decline in the proportion of overseas students which appeared in the session 1965–66 continued in the session 1967–68, after the probably abnormal increase in 1966–67. The main decline was in the categories of Occasional and Research Fee students, which was in part due to the deliberate decisions of the School in reducing these groups. The decline in the number of overseas students taking a first degree is almost certainly part of a permanent trend. Overseas students continue to account for nearly half of the regular students reading for a higher degree at the School.

Machinery of government

The School has always enjoyed the benefit of an unwritten constitution and the quite exceptional flexibility that this has given it in its internal government and administration. Over the past few years there has been much discussion about ways in which it should adapt its scheme of governance to meet its new responsibilities. These new responsibilities arise from the general growth in size and complexity of the School's activities, from the devolution by the University to its constituent colleges of greater responsibility for academic policy, from the increased urgency of systematic forward planning and formulation of priorities in a period of scarce resources, and from the need for improving the channels of consultation and mutual information among all members of the School.

Some specific proposals for changes, in particular for the establishment of a Senate, were put forward in a paper by Sir Sydney Caine in August 1966, and accepted as a basis for discussion by both the Academic Board and the Court of Governors, which in February 1967 appointed a joint committee to work out the details of a scheme for further consideration. The committee co-opted five student members to assist it in its deliberations. It produced its first report in February 1968, which, together with some notes of reservation or dissent and a minority report by two of the student members, was widely discussed throughout the School during the Lent term. In the event neither the Academic Board nor the Students' Union approved the Committee's report, and further discussions are proceeding in order to find agreed proposals.

Nevertheless, although a comprehensive scheme of changes has not yet been adopted, important innovations have been introduced. The part-time post of Pro-Director has been established and occupied throughout the session, with distinction and with immense assistance to myself, by Professor H. C. Edey. The part-time post of Dean of Undergraduate Studies has been created and occupied by Dr. P. S. Cohen, whose constructive influence has already made itself felt throughout the whole undergraduate school. Under his chairmanship, a joint student-staff Committee on Undergraduate Studies has embarked on a wide-ranging review of tutorial arrangements, teaching methods and other aspects of first degree activities. In each academic department there has been formalised or newly established a staff-student committee, meeting regularly and with freedom to discuss the academic activities of the department. These committees have already proved their worth and will, I am convinced, remain an important informal part of the working constitution of the School. Both the Court of Governors and the Academic Board have agreed to the addition of student members to many of the existing School committees and the detailed arrangements for this will be introduced early in the 1968–69 session.

The main constitutional problems which in my view remain to be solved are two. The first is to strengthen existing machinery, or to create new machinery, to cope expeditiously with the growing volume of technical academic business, such as changes in degree structures, syllabus modifications and examination arrangements, as responsibility for these increasingly passes from the University to the School. The second is to establish an effective and therefore relatively small body, enjoying the confidence of the whole community of the School, which can take a synoptic view of the School's interests and resources – teaching, research, finance, accommodation – and concern itself with longer-term planning and priorities. Whether

these two tasks can be undertaken by a single organ, such as the 'Senate' proposed in the Machinery of Government Committee's report, is still an open question. The needs, however, are urgent, and it may be better to proceed by a series of practical experiments and trial and error, than by the theoretical formulation of new constitutional schemes and the unending debates to which these give rise in an academic community.

Teaching and research

With the standstill attitude which financial uncertainty imposed, no major academic innovation could be undertaken in the session 1967–68. The introduction of a first degree in social psychology had to be postponed. The new degrees in mathematics and in modern languages were introduced with 14 and 13 students respectively embarking on the first year of these courses. The taught Master's degree continued to enjoy great popularity and 451 new entrants, including 244 from overseas, were admitted to these courses. After a review of the Master's degree, the Graduate School Committee reached the conclusion that at present no major changes were called for in the regulations or teaching arrangements.

The new Research Committee embarked upon a detailed analysis of the Units and other research projects at the School largely financed from external grants, and for the first time assessed the allocation of School resources involved, finance, accommodation, library, computer, administration and other. On the basis of this analysis, the Committee intends to proceed to an assessment of the needs and priorities of research in the School and will keep under review the guide lines to be used in seeking and allocating resources. The majority of gifts and non-U.G.C. grants received in the session were for research, including grants from the Department of Education and Science for studies by the Unit for Economic and Statistical Studies on Higher Education, a grant from the Leverhulme Trust for the continuation of the work of the Greater London Group, and assistance from the Rees Jeffreys Road Fund for the continuation of the Research Fellowship in Transport for a further five years. A Ford Foundation grant to the School of $280,000 over five years brought the Centre for International Studies into full activity at the opening of the session, with awards of studentships, fellowships and travel grants to develop its long-term programme of research and training in this interdisciplinary field.

Student welfare and activities

The two Halls of Residence, Passfield and Carr-Saunders, had successful years. In Passfield it has been decided to increase the number of women residents. Dr. C. J. Lowe on appointment to a Chair in Canada has resigned as Warden after five-and-a-half years' service and been succeeded by Mr. J. A. W. Forge. Carr-Saunders Hall, of which Mr. K. Klappholz has been Warden since it opened in the spring of 1967, had the honour of a visit from the Chancellor of the University, Her Majesty Queen Elizabeth the Queen Mother, on 13 March 1968. The occasion gave a further opportunity to express our deep gratitude to the anonymous benefactor, through his representative, Lord Murray, for his gift of the Hall, and to the Friends of L.S.E. for their generosity in furnishing the Common Room.

Important though the contribution of the two Halls, and of the University and

other college halls, is to meeting the residential needs of the School's students, the acute problem of accommodation for London students grows ever graver as their numbers increase with the expansion of undergraduate and graduate numbers and the creation and development of new universities and institutions of higher education within the metropolis. The cost in terms of travel time, fatigue and inadequate study and feeding facilities of the present arrangements must seriously diminish the returns on the investment in tertiary education in London. The problem is a national one, calling for coordinated action beyond the piecemeal efforts of the separate colleges within the jungle of conflicting housing and planning authorities. It is receiving the urgent attention of the Vice-Chancellors' Committee and of the University. Students of the School, following the survey of residential needs of the Students' Union in 1966–67, are taking important initiatives in attempting to establish housing associations and to start cooperative and other forms of student-run schemes.

The medical service, with the important addition of the new dental service, has benefited from the improved accommodation which has been put at its disposal in Connaught House.

The Students' Union appointed a committee to make proposals for changes in the Union's constitutional structure, but by the end of the session agreement had not been reached within the student body on any major structural reform. Nevertheless, within the existing constitution, changes had been agreed in principle for giving greater autonomy and responsibility to the Union in financial matters and these should be brought into effect in the coming session.

In a year in which many universities in the United Kingdom experienced student disturbances, there were few incidents or moments of tension within the student body or between students and School authorities and none which merits recording. It is important to record that after Mr. Enoch Powell's speech in Wolverhampton on race and immigration, the Students' Union took the initiative in organising a whole day's constructive discussion by students and staff on the racial problem and 'What can we do about it?'.

Buildings and accommodation

There were no major changes in the School's accommodation resources during the session. Interest centred on the progress of the two new buildings arising on the site of the old Government Laboratory and on the site of the old buildings in Clements Inn Passage. The building on the former will be an extension of St. Clements Building and will not be separately named. The development on the latter will be a more independent building with its own entrance and it has been decided to name it Clare Market Building, to preserve an association with the history of this area. Hopes faded that these major additions, which will add some 35,000 square feet of usable space to our resources, will be ready for occupation at the opening of the 1969 session. A few weeks' delay during the construction period may already have made the critical difference between possession in the next Long Vacation or at the opening of term, with all the grave inconvenience that will then ensue. It is at least a small comfort that these two buildings escaped the moratorium on capital works which the University Grants Committee had suddenly to impose in August 1968.

The stubborn problem of library accommodation remains. Some relief in late 1969 to the Library will be available in the Old Building when the St. Clements Building and Clare Market Building are occupied, but this will be only one more compromise and improvisation. It is deplorable, for example, that in this great international library of the social sciences, direct access for readers is not available to three-quarters of the books. 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.

Colleagues

The School suffered a grievous loss by the death on 28 December 1967 of Professor Ely Devons, who was appointed to the Chair of Commerce with special reference to International Trade in 1959. His special contribution to the Department of Economics and to the School powerfully influenced the development and sense of direction of both.

By the accidents of timing the School lost by retirement at the end of the session an unusually large number of its elder statesmen, who had done much to create and to sustain its national and international standing: in Economics, Professor R. S. Sayers (Money and Banking) and Professor E. H. Phelps Brown (Economics of Labour), both of whom had occupied their Chairs at the School since 1947; in Anthropology, Professor R. W. Firth and Professor Lucy Mair, whose connection with the School dates back to 1933 and 1927; and in Law, Professor G. S. A. Wheatcroft, who was Master of the Supreme Court (Chancery Division) when he accepted the Chair of English Law at the School in 1959.

On the Library and administrative side, there has been a departure by retirement of a group of distinguished and loyal servants whose services have for so long been an integral part of the School that I, for one, doubt if it will be recognisable again as the same institution. Dr. Marjorie Plant retired as Deputy Librarian after unbroken service in the Library since 1925. The retirement of Miss Eileen Garrett from the Correspondence Office at Easter 1967 after nearly forty years' devotion to the School, has been followed this session by the retirement of Miss Dora Smith (Registry) – 'Miss Patrick' – after forty years with the School, Miss Phyllis Shrimpton (Assistant Establishments Officer), who joined the School in 1930, Miss Pleasance Partridge after twenty-five years in the Social Science Department, Mrs. Marion Horn (Assistant Secretary) after twenty years' service, and Mr. H. C. Scriven (Deputy Secretary), who joined the School over thirty years ago and to whose multifarious, unselfish services to the School I have specially personal reasons for paying tribute and gratitude. These seven officers have together given over two hundred years of service and to them we owe an irredeemable debt. It would be wrong to omit mention of the retirement of Mrs. Gerti Kvergic from the Economists' Bookshop (the School's joint venture with the Economist newspaper) of which she had been Manager since its foundation twenty-one years ago and the wide reputation and commercial success of which she has done so much to foster.

At the end of the session, Lord Bridges retired from the Chairmanship of the Court of Governors to which he had been first elected in 1957. Others better equipped than I will elsewhere pay tribute to the wisdom and unrivalled experience

which he brought to his guidance of the School in this decade. To me in my first year as Director, Lord Bridges gave support, confidence and inspiration in that inimitable way which only those who have worked with him can know. I owe him more than I can ever express privately or publicly, and in affection and admiration will try to deserve at least a fraction of the trust he reposed in me.

WALTER ADAMS
September 1968

Academic Awards

Scholarships and Studentships awarded in 1968

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Scholarships for Mathematicians
Ann Patricia Burdsey
Peter Richard Harte
James Rendall Toller

Leverhulme Adult Scholarship
Barry John Welch

Christie Exhibition
Michele Jan Lewin Poole

UNDERGRADUATE AWARDS

Chartered Institute of Secretaries Scholarship
Salim Rashid

Lilian Knowles Memorial Scholarship
Jillian Winifred Finlan

Harold Laski Scholarships
Michael John Cooke
Roger Philip Mountford

C. S. Mactaggart Scholarship
Not awarded

Undergraduate Scholarships
Carla Lidia Standing
Roland John Beckett
Paul Dennis Vishnick

GRADUATE AWARDS

S. H. Bailey Scholarship in International Studies
Not awarded

Montague Burton Studentships in International Relations
Geoffrey Richard Hallett
Katherine Jean Pattison

Graduate Studentships
Gautamkumar Manubhai Appa
Peter Benenson
Peter Rutherford Smith

Graduate Studentships in Economics
Susan Kyle Howson
Alan Henry Clifton
David John Mayston
Roy Eric Bailey
Derek Charles Jones
Charles Elliott Hart
Paul Ryan

Graduate Studentships in International Studies
Christopher James Brown
Jan Henryk Kalicki
Meir Michaelis
Michael Perrins
Richard Taylor
Ian Colin Taylor
Elizabeth Ann Weinberg

Rees Jeffreys Studentship in Transport
Not awarded

Leverhulme Graduate Entrance Studentship for Overseas Students
Arie Brand
Elizabeth Merle Schneider

Leverhulme Research Studentships
William Koller Berkson
Daniel Jacobsohn

Leverhulme Research Studentship for Overseas Students
Elias Zahar

Jackson Lewis Scholarship
Olav Fossgard

Scholarship in International Law
Aziz Noormohamed Kurtha

Studentship in the Economics of Latin America
Not awarded

Eileen Power Studentship
Not awarded

(b) Awarded by the University

Gerstenberg Studentship
Paul Ryan

Loch Exhibitions
Richard Geoffrey Hartill
Laud Humphrey Armah Okine

Metcalfe Scholarship for Women
Margaret Mary Hotine

Sir Edward Stern Scholarships
Not awarded

Graham Wallas Memorial Scholarship
Roger Philip Mountford

Medals and Prizes awarded in 1968

(a) Awarded by the School

Arthur Anderson Prize in Accounting
Michael John Toull, John Michael Edwards } Jointly

Harriet Bartlett Prize
Not awarded

Bassett Memorial Prizes
Laurence Cairns
Bryan Davies
Kenneth Herbert Fewster Dyson

Janet Beveridge Award
Not awarded

Director's Essay Prize
Not awarded

Ely Devons Prizes
Malcolm Charles Sawyer
Huw Prideaux Evans

Farr Medal and Prize
Paul Rodney Marsh

Firth Award
Pierre Beaucage

Gonner Prize
Paul Ryan

Gourgey Essay Prize
Alan Roy Chamberlain

Hobhouse Memorial Prize
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Hughes Parry Prize
Caroline Joan Harley

Mostyn Lloyd Memorial Prize
Susan Mary Anderson

Jessy Mair Cup for Music
Jacqueline Noltingk, Penelope Stewart } Jointly

George and Hilda Ormsby Prizes
Paul Graham Essex
Elizabeth Mary Shepley
Sheila Rogers

Premchand Prize
Kevin Michael John McCahill

Raynes Undergraduate Prize
Paul Rodney Marsh

Rosebery Essay Prize
Not awarded

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Richard John Bebb

David Robert Burge
Richard Nelson Mills
Gillian Margaret Page
Salim Rashid
Teresa Ann Taylor
Kevin Anthony Westley
Jennifer Margot Patricia Styring

Allyn Young Prize
Peter Ian Phillips

(b) Awarded by the University

Julian Corbett Prize in Modern Naval History
John Francis Berryman

(c) Awarded by outside bodies

Free Press Prize in Sociology
Mary Christine Hugh-Jones

Ford Graduate Studentship in Business Finance and Accounting
Brian Arthur Taylor

Degrees awarded 1967–68

B.Sc. (Economics) Final Examination 1968
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Mark Walsh
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John Nicholas Woolf

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B.Sc. (Sociology) Final Examination 1968
(Revised Regulations)

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B.A. Honours in Sociology 1968
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Irving Solomon David
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Higher Degrees

M.Sc. 1967–68

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*Mark of Distinction awarded

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Stanley Roger Freeman
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Spyros George Frouxides
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*Rand Ernest Rosenblatt
Firimooni Banugire Rweere
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Derwyn John Sangster
Mattigud Chandrasekharaiah Satyanarayana
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Oksana Zakydalsky
Silke Uta Ziehl
Michael Alan Zimmerman

M.Sc. (Economics) 1967–68
(Old Regulations)

Sonia Stairs
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Christos Xenos

M.A. 1967–68
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Aparna Ray

M.Phil. 1967–68

Michael George Daniel
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Ikbal Mohiuddin
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Dimitry Pospielovsky

LL.M. 1967

Sananda Kumar St. Augustine Perera Amarasekara
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Adu Kofi Djin
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*Anthony Stephen Grabiner
*Mitchell Harold Gropper

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Oyewole Osidipe
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Michael Joseph Tink
Raphael Myer Walden

Ph.D. 1967–68

Paul Adelman
Samuel Akindele Agboola (External)
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Fadle Faour Al-Faour
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Susan Merritt Hodge Armitage
Chandran Mohandas Jeshurun
Stephen Cohen
Philip John Eldridge
Wasfi El-Nimer
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William Donald Hamilton
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Buddhadasa Hewavitharana
Raymond Arthur Jones
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Juan Antonio Lalaguna Lasala
Moses Laufer
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Laurence Martindale
Gordon Wesley Miller
George Bertram Milner
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Simon Arthur Roberts
Malcolm Patrick Robertson
David Alexander Tetlow Stafford
John Barrie Thornes
Margaret Ellen Joyce Weldhen
John Richard Whittam
David William Yaseen

Diploma (Awarded by the University of London)

Diploma in Anthropology 1968

Jean Rosemary Lydall
Ann Margaret Osborn

Diplomas (Awarded by the School)

Diploma in Development Administration 1968

PASS
Jorge Jose Lujan Aguerreberry
Shaiful Alam
Ayla Barutcu
Bezaleel Stephen Bukenya
Manzoor Ul Hassan
Hossain Toufique Imam
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Exson Muyenza
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Mary Doris Zanele Dlamini
Tasnim S. M. Yawar

Diploma in Social Administration for Non-Graduates (Overseas Course) 1968

PASS
Zaccheaus Oladipo Bamgboye
Tapati Basu
Errol Rudolph Dickerson

Harriett Isaacs
Charles Kiyengo
Arjuna Chandrakirthi Malalasekera
Ibrahima Sulayman Baboucarr M'Boob
Laud Humphrey Armah Okine
Sarah Banjoko Osibo
Simeon Imoroa Sado
Samuel Ekhorutomwen Uwadiae

Diploma for Social Workers in Mental Health 1968

PASS
Catherine Mary Moore Ainsworth
Gladys Sylvia Brooks
Gillian Mary Brown
Brian Edward Cox
Patricia Cox
Margaret Lorraine Croucher
Elizabeth Mary Evans
Mavis Petula Evans
John Clement Fletcher
Mary Greenway
Daphne Edith Holbrook
Norma Lacey
Elinor Leonie McCormack
Morag McFarlane
Eleanor Elizabeth Morrison
Brian Patrick O'Shea
Geoffrey Pearson
Audrey Jean Pine
Joyce Elizabeth Pitkin
Sheila Powell
Mannie Sher
Andrea Bridget Roberta Sutton
Marjory Eileen Whall
Dorothy Wild
Christine Diana Woods
Kathleen Margaret Young
Elizabeth T. Zander

Diploma in Applied Social Studies 1968

PASS
Megan Frances Elizabeth Bint
Judy Susan Box
Meryl Robina Brand
Heather Janet Muriel Brown
Margaret Mavis Brown
Jean Edna Carder
Helen Mary Campbell
Susan Hester Cattley
Jill Chamberlain
Costas Christodoulou
Susan Deborah Dunn
Andrew William Foster
Meinir Ann Harry
John Vincent Harnett
Andrew James Howell
Janet Margaret Hunter
Shirley Liao
Virginia Jean Furse Maud
Elizabeth Caroline Newall
Baldev Krishan Rattan
Shirley Elizabeth Robin
Fenella Ann Giborne Spence
Hallam John Cecil Studdert
Elizabeth Ann Worth

Diploma in Personnel Management 1968

PASS
Anthony Louis Banks
Alan Harold Batchelor
Michael Daniel Bourne
William Joseph Caffrey
Teresa Anne Cottrell
Keith Harrison
John Leonard House
Diane Elizabeth Huckman
Paul James Lyons
Sandra Margaret Mary MacDonald
*Anne-Marie Mackay
Richard George Morgan
Paul Alexander Odgers
Tita Violet Roberts Olden
Graham Michael Pannett
Sudesh Kumar Sabharwal
Roland Sayers
Polat Kamil Serdengecti
Michael John Spiller
Joan Margaret Swainston
Mohammad Saif Thabet
Katherine Margaret Watson
Paul Martin Williams

*Distinction in viva examination

Athletic awards

Steel-Maitland Cup
Peter Dzik

Steel-Maitland Cup for Women
———

Wilson Potter Cup
Norman James Critchlow

Ernest Cornwall Cup
Cricket Club

Wiseman Cup
The School

Open Day Awards

Gutteridge Tug-of-War Cup
Sociology Department

Club Awards

S. H. Beaver Cricket Captain's Cup
Lionel James North

Cross-Country Club Cup
Derek Pratt

Lawn Tennis: Men's Singles
Christopher Michael Kellerman

Lawn Tennis: Women's Singles
———

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 organisation 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 on 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 also a Staff Research Fund Committee which is responsible for the allocation and use of the Staff Research 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 Economics and Economic History departments
(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 and International Relations
(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

Any member of the staff who does not belong to one of these divisions may seek assistance on an individual basis by application to the Research Committee, which

keeps under review the applications submitted by research divisions and allocates funds available.

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.

A Unit in Operational Research has been established recently 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.

Building Management Research Unit

The Personnel Management section of the department of Social Science and Administration has been financed by the Ministry of Public Building and Works to undertake research into building maintenance problems. The research objectives are to analyse the structure of a number of maintenance organisations and to study the strategies open for organisational change in such situations. Other completed studies include a project on Contract and Site Management Behaviour and Training Needs, and a study of the Site Agent's Role in Maintaining Continuity of Employment for Workers.

The research of the Unit is under the direction of Miss B. N. Seear and Mr. K. E. Thurley. The Unit secretary is Mrs. P. de Martell.

In addition to the research staff of the Unit assistance is being given by a number of persons involved with the building industry.

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 to be 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 three Research Fellows: Mr. J. D. Duncanson, who is working on China and the Independence of Vietnam; Dr. Maurice Pearton, who is investigating Eastern European Relations with Germany from 1935 onwards as a source of capital and technique, the study being designed to show the interaction of political and economic and technical necessities in the area at the time; Mr. Lucjan Blit, who is working on the Ideological Background of the Ruling Communist Party in Poland. The Centre has also awarded studentships to seven graduates. Four Visiting Fellows have also been able to spend some time at the Centre, taking part in seminars, as well as conducting their own research.

Otherwise, the Centre's main activity has been the promotion of a seminar on East-West Relations in Europe, within which, on the initiative of the Comparative Politics Group, and with the support of the Social Science Research Council, particular attention is being paid to the political impact of economic decentralisation in Yugoslavia, Poland and Czechoslovakia. Mr. Ghita Ionescu has been appointed a Visiting Fellow of the Centre, to co-ordinate the work of the different groups which are conducting research into different aspects of this problem.

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.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor G. L. Goodwin, consisting of: Professor H. C. Edey, Dr. C. M. Bell, Professor M. Freedman, Mr. G. Ionescu, Professor D. H. N. Johnson, Professor H. G. Johnson, Professor J. B. Joll, Dr. P. H. Lyon, Professor F. S. Northedge, Mr. P. Reddaway, Professor L. B. Schapiro, Mr. G. H. Stern, Mr. D. C. Watt, Professor P. J. de la F. Wiles, Mr. P. Windsor. The Organising Secretary is Mrs. M. Horn.

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.

The Group undertook in 1967 for the Royal Commission on Local Government a study in depth of local authorities in the South-East Economic Planning Region (excluding Greater London) with a view to throwing light on the working of the existing system of local government and examining possible forms of re-organisation likely to produce improved performance. The Group also prepared for the Royal Commission a report setting out what they considered to be the most important consequences of the London Government reforms and the lessons to be learnt from them. Both these reports were published by the Royal Commission in 1968.

The Group is currently engaged on two major projects. One is an examination of

transport and traffic administration in Greater London. The other is a history and evaluation of the reform of London Government, the first part of which is to be published in 1970.

A study of the 1964 and 1967 Greater London elections is also in hand.

The Group has received grants of £18,300 from the Nuffield Foundation, £13,000 from the Leverhulme Trust, £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, the Vice-Chairman is Professor P. J. O. Self, the Secretary is Mr. G. Rhodes.

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.

Books

London Government and the Welfare Services, S. K. Ruck.
Municipal Entertainment and the Arts in Greater London, S. K. Ruck.
* Public lectures delivered under the auspices of the Group.

Higher Education Research Unit (formerly the Unit for Economic and Statistical Studies on Higher Education)

The Unit undertakes research on various 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 are devoted to educational planning in developing countries.

Current projects include: a computable model of the educational system; studies in the field of manpower planning; institutional studies, particularly the relations between higher education and the state; facilities for management education; and the costs of higher education. Several projects have now been completed, each resulting in a major publication. Five books have been published by Oliver and Boyd: *Graduate School: A Study of Graduate Work at the London School of Economics; Manpower and Educational Development in India 1961-1986; The Utilization of Educated Manpower in Industry; Educational Finance: Its Sources and Uses in the United Kingdom* and *Education and Manpower: Theoretical Models and Empirical Applications*. The Unit has now arranged with Allen Lane, The Penguin Press, to publish a series of *L.S.E. Studies on Education*. Three titles have already appeared: *The Causes of Educated Unemployment: The Indian Case; Decision Models for Educational Planning* and *The Impact of Robbins: Expansion in Higher Education* (Penguin Education Special). The following are in preparation or in the press:

Policy and Practice (the development of the former Colleges of Advanced Technology); *The Finance of Private Education; Educated Manpower for India's Industrial Development; The Use of Qualified Manpower in Industry*. Other reports on completed projects include: *Statistics of the Occupational and Educational Structure of the Labour Force in 53 Countries;* and 'Trends in University Entry: An Inter-country Comparison' in *Social Objectives in Educational Planning* published by O.E.C.D.; and 'Cost-Benefit Analysis of Industrial Training' published in the *British Journal of Industrial Relations*, July 1969. Journal articles by members of the Unit are issued in the Unit's Reprint Series.

Financial support for the Unit has come from the Nuffield Foundation, the Social Science Research Council (2 grants), the Department of Education and Science (5 grants), O.E.C.D. (3 grants), the Ford Foundation (2 grants), the Ministry of Overseas Development, the Department of Employment and Productivity and the National Economic Development Office and now totals some £375,000.

The research staff of the Unit is: Joint Directors, Professor C. A. Moser and Professor B. C. Roberts; Deputy Directors, Mr. P. R. G. Layard and Mr. G. L. Williams; Research Secretary, Miss J. A. Pinney; 3 Research Fellows; 2 Senior Research Officers; 7 Research Officers; 4 Research Assistants; and 8 Consultants.

Management Studies Research Division

The Management Studies Research Division, which is financed partly by funds drawn from outside bodies, is concerned primarily with the development of 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 work is directed by a committee of management under the chairmanship of Professor H. C. Edey, consisting of Professor J. Durbin, Professor B. C. Roberts, Miss B. N. Seear, Professor P. J. O. Self and Professor B. S. Yamey.

Medical Research Council Unit

The Medical Research Council Unit was established at the School in April 1962 to study problems on the borderline of sociology and medicine. There are at present two sides to the work of the Unit. First, the National Survey of Health and Development; second, studies of family development being carried out by a branch of the Unit working in Waltham Forest.

The work of the National Survey covers three main areas: (*a*) the educational achievement of the 5,000 young people in the sample, more than 500 of whom are at present attending universities or training colleges. Miss Jean Ross is 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 charge of Miss Nicola Cherry, who, with the help of youth employment officers throughout the country, is looking at further education and apprenticeship among school leavers, the types of job they have taken, their reasons for taking them and the time they have lost from work. This study is financed by a grant from the Social Science Research Council; (*c*) the home background, education record and emotional adjustment of those who come before the courts. This part of the Survey is supported by a grant from the Home Office.

The work of the Unit in Waltham Forest is concerned with the early experiences of children. Dr. J. Cooper and Dr. Annette Lawson have developed a method of recording the contacts and stimulation that children receive during their early years. Dr. Cooper has applied this technique to the study of children whose mothers are excessively houseproud or obsessional and Dr. Lawson and Mr. D. Ingleby have applied it to the study of children from two contrasting social groups. A more recent development is the use of observational methods to record the interactions between mothers and children, and between sibs, in certain standard situations. Dr. A. Costello is the senior research worker in charge of these observational studies. Dr. Penelope Leach and Dr. Costello are planning a study of the way in which the personal characteristics of very young children influence the care they receive. The Director of the Unit is Dr. J. W. B. Douglas and the 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 undertaken under the auspices of the Committee has been the National Survey of the Health and Development of Children, carried out in co-operation with the Institute of Child Health and the Society of Medical Officers of Health. Reports on the survey include twenty-four published 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.

A further extension of this study is continuing under the direction of Dr. Douglas through the Unit (of which he is the Director) established by the Medical Research Council in collaboration with the School. (See page 80.)

The Committee is also co-operating with the Scottish Council for Research in Education in their follow-up survey of Scottish school children.

A study of changes in marriage and divorce in England and Wales over the past hundred years is being undertaken and several reports have been prepared. A collection of documentary materials on marriage and divorce has been built up and is being analysed.

The documentary study was complemented by a stratified 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. Several papers have been published dealing in particular with the changing incidence of birth control practice in Great Britain.

Another major enquiry consisted of a demographic study of the British Peerage, covering a period from the beginning of the seventeenth century to the early twentieth century—a study of fundamental importance as a contribution to historical demography. The results of this study were published as a supplement to *Population Studies*—T. H. Hollingsworth, *The Demography of the British Peerage* (Supplement to Volume 18, No. 2, November, 1964).

During the past three years the research of the Population Investigation Committee has been focused more strictly upon questions of current marriage and fertility patterns in Britain. A pilot study was undertaken covering questions on family size and expected additional fertility as a basis for a national enquiry. A full-scale enquiry into fertility and birth control practice in Britain was launched in 1967. The Committee is also involved in research concerning population questions in developing countries and is helping to evaluate the birth control programme in Mauritius.

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.

Survey Research Centre

The Survey Research Centre is concerned primarily with studies of the techniques of social and business research. It tests existing research procedures and develops and tests new or modified techniques where necessary.

Two major series of enquiries are in progress. The first is a long-term study in methodology for delinquency research. This enquiry began with the development of research techniques for use in studies of the development of juvenile stealing. One of these techniques is a procedure for eliciting from boys (in the general public) information about the nature and the extent of any stealing they have done. Another is a technique for identifying cause and effect with respect to the onset of stealing. These two techniques have since been used in a Centre enquiry based on 1,500 boys and designed to identify causal factors in the development of stealing amongst boys. Various reports have already been issued and others will appear during 1969. Also within this series, the Centre is preparing a critical summary of the criminological literature which presents hypotheses, theories and findings about possible causes of juvenile delinquency. The whole series is supported by a grant from the Home Office. Steps are now being taken to establish a series of social experiments based upon the findings from the causal enquiry. These will involve (*a*) programmes of training in schools in honesty in relation to property; (*b*) the provision of acceptable (but legal) outlets for the fun and excitement seeking of boys.

The second of the Centre's research programmes is concerned with studies of information gathering through survey interviewing. The Centre has recently issued reports on the following: studies of the effects of tape-recording upon the accuracy of information collected in the survey interview; the effects upon response distribution of reversing the order of presentation of verbal rating scales; the accuracy of respondent statements about the amount of different commodities bought by them in some specified recent period; the nature and extent of respondent understanding of questions put to them in the survey interview; order effects in the use of the Semantic Differential scaling system. In addition, reports are being prepared about several further checks on the efficiency of Semantic Differential scaling, about interviewer deviations from instructions and about a further study

of the effects of reversing the order of presentation of verbal rating scales. Studies planned for 1969–70 include: further assessments of respondent accuracy in reporting behaviour and purchases; studies of the practical significance of *volunteered* information; studies of sources of error in the use of lists and inventories as tools of survey research; studies of the influence of different question forms upon the nature and extent of interviewer bias. This series is supported on a long-term basis by approximately seventy research and business organisations in Britain, Europe, Canada and Australia.

Those interested in receiving the reports of the Centre should apply directly to the Survey Research Centre.

The Centre is also setting up a programme of research into interviewer performance; a series of studies of classification systems; an information service designed to provide enquirers with available information about different research techniques for use in social and business research. Bibliographical work is being undertaken in the field of large-scale data-gathering techniques. The services of the Centre's Analysis Section are now available to the School, and its developing interviewer force can similarly be made available. The Centre has a small but specialised library of books, journals and off-prints dealing with the methods of social and business research. This library is available to staff and graduate students of the School.

The Centre circulates reports of its work widely to university teachers, to other social scientists and to those conducting business research. It is directed by Dr. W. A. Belson with an Advisory Committee. Head of Crime Research is Mr. P. J. Didcott; Office Manager, Mrs. J. Harwood; Head of Analysis, Mr. V. Thompson. It has a full-time staff of eight research personnel and fifteen clerical and technical supporting staff.

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 6600 computer at Guilford Street; the London University ICT Atlas at Gordon Square; the IBM 360/65 at University College; the 1905E at Queen Mary College; the IBM 7094 at Imperial College and the ICT Atlas at Chilton. The School is directly linked through a card reader and line printer and by means of a number of video keyboard terminals to the CDC 6600 computer. In addition, the School shares a CDC 1700 computer at King's College, which is also directly linked to the central 6600.

Access to all these computers, with the exception of the IBM 7094 at Imperial College, is free of charge, although small charges may be made for the hire of magnetic tapes or discs, and the use of stationery. A small sum of between £15 and £20 per hour is charged for the use of the Imperial College machine.

A computer service comprising data preparation, computer operating, programming and advisory services, is provided under a Computer Services Manager. The Computer Services Manager is also responsible for liaison with the other computer services of the University. A very comprehensive range of programs designed for the use of social scientists is available to members of the School.

The Computer Services Manager is assisted in his duties by a Computer Services Management Committee, which is also responsible for the appraisal of the long-term computing requirements of the School. In addition, all departments are represented on a Computer Services Users Committee, which represents the views of computer users to the Manager and Management Committee.

Publications by members of the staff from 1 August 1967 to 31 July 1968

(This list includes some publications that appeared too late in 1966–67 to be included in the report for that year)

Accounting

Professor W. T. Baxter

'General or Special Index?—Capital Maintenance under Changing Prices' (*The Journal of the Union Européenne des Experts Comptables, Economiques et Financiers*, No. 3, 1967)

'Valuation of a Practising Accountant's Work-in-Progress' (*Accountancy*, March and April 1968)

Mr. B. V. Carsberg

The Use of Mathematical Techniques in Management (Lecture given to the London Students' Society) (The Joint Committee of Students' Societies of the Institute of Municipal Treasurers and Accountants). Also in *Local Government Finance*, May 1968

Anthropology

Dr. B. Benedict

'The Relation of Applied Anthropology to Anthropological Theory' (*Man*, December 1967)

'Caste in Mauritius' in B. Schwartz (Ed.), *Caste in Overseas Indian Communities* (Chandler, San Francisco, 1967)

'The Educational Uses of Ethnographic Film' (*UNESCO Round Table on Ethnographic Films in the Pacific*, Sydney, 1967)

'Family Firms and Economic Development' (*Southwestern Journal of Anthropology*, Spring 1968)

'Small Societies' (*International Encyclopedia of the Social Sciences*) (Macmillan and Free Press, 1968)

'Mauritius' (*The World Book Encyclopedia*, Chicago, 1968)

'Mauritius' (*The New Book of Knowledge*, New York, 1968)

'Mauritius' (*The Americana Annual*, *The Encyclopedia Americana*, Grolier, New York, 1968)

People of the Seychelles, 2nd edn. revised (H.M.S.O., 1968)

Professor R. W. Firth

'Ritual and Drama in Malay Spirit Mediumship' (*Comparative Studies in Society and History*, January 1967)

'Themes in Economic Anthropology: A General Comment' in R. Firth (Ed.), *Themes in Economic Anthropology* (A.S.A. Monographs, No. 6, Tavistock Publications, 1967)

'Sea Creatures and Spirits in Tikopia Belief' in *Polynesian Culture History: Essays in Honour of Kenneth P. Emory* (Bishop Museum Press, 1967)
'Anthropology: Social' (*International Encyclopedia of the Social Sciences*) (Macmillan and Free Press, 1968)
'Introduction' and 'Rivers on Oceanic Kinship' in W. H. R. Rivers, *Kinship and Social Organization* (L.S.E. Monographs on Social Anthropology, No. 34, Athlone Press, 1968)
'Maori Social Structure' (*An Encyclopaedia of New Zealand*, R. E. Owen, Government Printer, Wellington, N.Z., 1966)

Mr. J. A. W. Forge
'The Lonely Anthropologist' (*New Society*, 17 August 1967)
'Lévi-Strauss' (in the series 'Gurus of our Time', *New Society*, 2 November 1967)

Professor M. Freedman
'Immigrants and Associations: Chinese in Nineteenth-Century Singapore' and 'Overseas Chinese Associations: A Comment' in L. A. Fallers (Ed.), *Immigrants and Associations* (Mouton, The Hague, 1967)
'The Family in China, Past and Present' in H. Kent Geiger (Ed.), *Comparative Perspectives on Marriage and the Family* (Little, Brown, Boston, 1967)
'Chinese Family Law in Singapore: The Rout of Custom' in J. N. D. Anderson (Ed.), *Family Law in Asia and Africa* (Allen and Unwin, 1968)
Foreword to Margery Wolf, *The House of Lim* (Appleton-Century-Crofts, 1968)
'A Chinese Phase in Social Anthropology' in R. A. Manners and D. Kaplan (Eds.), *Theory in Anthropology: A Sourcebook* (Aldine Publishing Company, Chicago, 1968)

Professor E. A. Gellner
'Le Système Confrérique "Ahansal"' (*Annales Marocaines de Sociologie*, 1968)
'La Notion de Segmentarité' (*Annales Marocaines de Sociologie*, 1968)

Dr. H. S. Morris
'Ethnic Groups' (*International Encyclopedia of the Social Sciences*) (Macmillan and Free Press, 1968)
The Indians in Uganda, Caste and Sect in a Plural Society (Weidenfeld and Nicolson, 1968)

Dr. S. R. de Ortiz
'The Structure of Decision-making among Indians of Colombia' in R. Firth (Ed.), *Themes in Economic Anthropology* (A.S.A. Monographs, No. 6, Tavistock Publications, 1967)
'Colombian Rural Market Organization: an Exploratory Model' (*Man*, September 1967)

Criminology

Mr. J. E. Hall Williams
'Zwanzig Jahre Strafrechtsreform in England und Wales' (*Schweizerische Zeitschrift für Strafrecht*, March 1968)

Demography

Professor D. V. Glass
'Notes on the Demography of London at the End of the Seventeenth Century' (*Daedalus*, Spring 1968)
'Fertility Trends in Europe since the Second World War' (*Population Studies*, March 1968)
Report of Working Group on Social Demography (United Nations, Geneva, 1968, SOA/ESDP/1967/3) (Chairman of Group)
'Family Planning Programmes and Action in Western Europe' in E. Szabady (Ed.), *World Views of Population Problems* (Tenth Anniversary Publication of the Hungarian Quarterly Journal *Demografia*) (Akademiai Kiado, Budapest, 1968)

Economics

Mr. R. F. G. Alford
'Bank Rate, Money Rates and the Treasury-Bill Rate' in C. R. Whittlesey and J. S. G. Wilson (Eds.), *Essays in Money and Banking in Honour of R. S. Sayers* (Clarendon Press, 1968)

Professor P. T. Bauer
'Marxism and the Underdeveloped Countries' in M. Drachkovitch (Ed.), *Marxist Ideology—Its Appeals and Paradoxes* (Praeger, 1966)
'Unctad and Africa' (*Afrika Spectrum*, Hamburg, No. 2, 1967)
'La nuova ortodossia dello sviluppa economico' (*Mercurio*, October 1966)

Professor E. H. Phelps Brown
The Trade Union and the Common Weal (second annual lecture under the 'Thank-offering to Britain' Fund) (O.U.P. for the British Academy, 1967)

Mr. T. Burgess
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Annual Report and Accounts of the Electricity Council, 1966–67, October 1967

Dr. R. A. Parker
Report of the Committee on Local Authority and Allied Personal Social Services (Seebohm Report), 1968

Professor W. A. Robson
Report on Tokyo Metropolitan Government (in English and Japanese), December 1967. Commissioned by the Tokyo Metropolitan Government and the Tokyo Institute of Municipal Research

Professor P. J. O. Self
A Strategy for the South East. First Report by the South-East Economic Planning Council. H.M.S.O. 1967

Professor R. M. Titmuss
National Insurance (Claims and Payments) Amendment Regulations, July 1967
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National Insurance Advisory Committee. Question of the Conditions for Unemployment Benefit and Contribution Credits for Occupational Pensioners, February 1968
National Insurance Advisory Committee. Social Security—Preliminary Draft of the National Insurance (Members of the Forces) Regulations
Royal Commission on Medical Education, March 1968
National Insurance (Members of the Forces) Regulations, May 1968

Professor B. S. Yamey
Monopolies Commission:
Thomson Newspapers Ltd. and Crusha and Son Ltd. Report on the Proposed Transfer of Three Weekly Newspapers, January 1968
Men's Haircutting Services, June 1968
Barclays Bank Ltd., Lloyds Bank Ltd. and Martins Bank Ltd. Report on the Proposed Merger, July 1968
Thorn Electrical Industries Ltd. and Radio Rentals Ltd. Report on the Proposed Merger, July 1968

Statistics of Students

Analysis of Regular and Occasional Students, 1964–69

	Session 1964–65	Session 1965–66	Session 1966–67	Session 1967–68	Session 1968–69
REGULAR STUDENTS					
First Degree	1552	1634	1743	1669	1596
First Diploma	81	80	83	73	60
Higher Degree	922	970	1206	1195	1149
Higher Diploma and Certificate	225	220	198	166	187
Research Fee	138	125	137	81	84
Other Regular	101	89	111	78	89
TOTAL OF REGULAR STUDENTS	**3019**	**3118**	**3478**	**3262**	**3165**
OCCASIONAL STUDENTS	328	360	355	177	207
GRAND TOTAL	**3347**	**3478**	**3833**	**3439**	**3372**

Analysis of Overseas Students, 1964–69

	Session 1964–65	Session 1965–66	Session 1966–67	Session 1967–68	Session 1968–69
REGULAR STUDENTS					
First Degree	229	172	184	145	149
First Diploma	31	22	17	11	9
Higher Degree	471	403	583	519	450
Higher Diploma and Certificate	83	56	58	39	50
Research Fee	122	85	115	66	72
Other Regular	89	74	85	62	69
OCCASIONAL STUDENTS	208	216	198	84	71
TOTAL	**1233**	**1028**	**1240**	**926**	**870**

NOTE: For a definition of the terms 'Regular' and 'Occasional' students see page 121.

Analysis of Regular and Occasional Students, 1967–69

REGULAR STUDENTS	SESSION 1968–69							SESSION 1967–68						
	Day Students			Evening Students			Grand Total	Day Students			Evening Students			Grand Total
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.Sc. (Economics)														
1st year	264	50	314					247	40	287				
2nd year	253	36	289	956	1		1	288	52	340	999	23	2	25
3rd year	300	53	353		10	2	12	320	52	372		18	4	22
4th year					13	4	17					16	1	17
5th year				48	17	1	18					20	4	24
				1004										88 1087
B.A. (Sociology)														
1st year	5	9	14					7	12	19				
2nd year	5	13	18	49				2	14	16	60			
3rd year	4	13	17					11	14	25				
B.Sc. (Sociology)				196							195			
1st year	16	32	48					21	29	50				
2nd year	21	30	51	147				22	27	49	135			
3rd year	25	23	48					13	23	36				
				196			196							195
LL.B.														
1st year	47	14	61					44	17	61				
2nd year	44	17	61	194				55	19	74	202			
3rd year	54	18	72		3		3	53	14	67		5	1	6
												3	1	4 10
				194			3 197							212
B.A. Honours Anthropology														
3rd year									2	2				
B.Sc. (Special) Anthropology											4			
3rd year								1	1	2				
B.Sc. Social Anthropology											17			
1st year	9	1	10					2	5	7				
2nd year	2	5	7	23				1	5	6	13			
3rd year	1	5	6											
							23							17
B.A. Honours Geography														
2nd year	1		1					10	4	14				
3rd year	9	4	13	14				6	8	14	28			
B.Sc. (Special) Geography														
3rd year								8	3	11				
				63			63				68			68
B.Sc. Geography														
1st year	15	6	21					11	10	21				
2nd year	11	9	20	49				4	4	8	29			
3rd year	4	4	8											

Analysis of Regular and Occasional Students, 1967–69 (*Cont.*)

REGULAR STUDENTS	SESSION 1968–69							SESSION 1967–68						
	Day Students			Evening Students			Grand Total	Day Students			Evening Students			Grand Total
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.A. Honours History														
1st year	10	3	13					10	6	16				
2nd year	10	5	15 } 41				41	8	4	12 } 44				44
3rd year	8	5	13					12	4	16				
B.A. Honours Philosophy and Economics														
1st year	6	2	8					3	3	6				
2nd year	4	2	6 } 20				20	5	1	6 } 19				19
3rd year	5	1	6					7		7				
B.A. French/ Linguistics														
1st year	2	3	5 } 18					4	9	13				13
2nd year	4	9	13											
B.A. German/ Linguistics														
1st year	1	2	3 } 27				27							
B.A. French/German														
1st year	1	2	3 } 9											
B.A. French/Spanish														
1st year		3	3											
B.Sc. Mathematics														
1st year	11	2	13 } 25				25	11	3	14				14
2nd year	9	3	12											
M.Sc.														
1st year	244	79	323	35	9	44		259	77	336	38	8	46	
2nd and subsequent years	39	14	53	32	8	40		68	24	92	46	8	54	
M.Sc. (Economics) 2nd and subsequent years				7		7					10	1	11	
Ph.D.			734			353	1087			756			347	1103
1st year	18	3	21	14	1	15		26	5	31	14	1	15	
2nd and subsequent years	101	19	120	81	14	95		109	32	141	87	21	108	
M.Phil.														
1st year	122	31	153	41	19	60		77	24	101	40	7	47	
2nd and subsequent years	43	21	64	75	17	92		43	12	55	54	12	66	

Analysis of Regular and Occasional Students, 1967–69 (*Cont.*)

REGULAR STUDENTS	SESSION 1968–69							SESSION 1967–68						
	Day Students			Evening Students			Grand Total	Day Students			Evening Students			Grand Total
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
LL.M.														
1st year	29	2	31	9		9		39	1	40	9	1	10	
2nd and subsequent years	1		1	8	1	9		2		2	9		9	
M.A. New regulations			40			22	62			62			30	92
1st year	4	3	7		2	2		12	7	19	1		1	
2nd and subsequent years				1		1								
Old regulations 2nd year		1	1	1		1			1	1	6	4	10	
Research Fee														
1st year	60	15	75	5	1	6		40	20	60	8	1	9	
2nd and subsequent years	2		2 } 77		1	1 } 7	84	7		7 } 67	3	2	5 } 14	81
University Academic Postgraduate Diploma: Anthropology														
1st year	2	5	7					2	3	5				5
2nd and subsequent years	2		2 } 9				9							
Diplomas awarded by the School:														
Diploma in Applied Social Studies	7	22	29				29	22	7	29				29
Diploma in Development Administration	16	5	21				21	14	2	16				16
Diploma in Mental Health	8	22	30				30	5	24	29				29
Diploma in Personnel Management	19	11	30				30	20	11	31				31
Diploma in Social Administration:														
1 year course	16	44	60					15	41	56				
2 year course:			120				120			129				129
1st year	16	12	28 } 60					7	27	34 } 73				
2nd year	7	25	32					18	21	39				
Diploma in Statistics	6	2	8				8							

Analysis of Regular and Occasional Students, 1967—69 (*Cont.*)

	Session 1967–68									Session 1968–69								
	Day Students				Evening Students			Grand Total		Day Students				Evening Students			Grand Total	
	Men	Women	Total		Men	Women	Total			Men	Women	Total		Men	Women	Total		
REGULAR STUDENTS																		
General Course	39	23		62				62		51	19		70				70	
Overseas Course	1			1				1		1			1				1	
Trade Union Studies	15			15				15		18			18				18	
TOTAL OF REGULAR STUDENTS	2026	747	2773		410	79	489	3262		1993	739	2732		353	80	433	3165	
OCCASIONAL STUDENTS	104	73	177					177		168	39	207					207	
	2130	830	2950		410	79	489	3439		2161	778	2939		353	80	433	3372	
GRAND TOTAL																		

Analysis of Overseas[1] Students in Attendance at the London School of Economics during the Sessions 1963–69

	1963–64	1964–65	1965–66	1966–67	1967–68	1968–69
Balkan States	58 (52)	51 (46)	7 (7)	5 (5)	2 (2)	4 (4)
France	7 (5)	8 (6)	10 (5)	5 (5)	12 (7)	7 (4)
Germany	43 (32)	43 (25)	47 (24)	43 (28)	26 (22)	25 (24)
Greece[2]	—	—	22 (20)	32 (29)	28 (25)	30 (29)
Holland	1 (1)	2 (2)	5 (5)	5 (4)	1 (1)	2 (2)
Italy	8 (8)	13 (7)	9 (4)	9 (6)	13 (7)	11 (8)
Poland	2 (2)	4 (4)	6 (6)	6 (6)	—	1 (1)
Russia	2 (2)	3 (3)	—	2 (2)	1 (1)	3 (3)
Scandinavia	17 (13)	11 (9)	14 (6)	9 (7)	8 (6)	18 (14)
Switzerland	6 (2)	4 (1)	3 (—)	7 (4)	8 (8)	2 (2)
Others	41 (37)	51 (40)	38 (29)	45 (40)	30 (27)	44 (39)
Total Europe	*185 (154)*	*190 (143)*	*161 (106)*	*168 (136)*	*129 (106)*	*147 (130)*
Burma	3 (3)	1 (1)	1 (1)	1 (1)	—	—
Ceylon	12 (12)	11 (11)	7 (7)	8 (7)	7 (6)	6 (5)
China	—	—	7 (6)	17 (8)	—	1 (1)
India	97 (94)	93 (87)	60 (58)	71 (69)	48 (42)	30 (28)
Malaysia[3]	—	—	—	—	23 (22)	26 (26)
Pakistan	42 (42)	42 (42)	29 (29)	33 (33)	32 (31)	26 (26)
Israel	24 (18)	18 (16)	6 (2)	27 (26)	20 (18)	16 (14)
Japan	25 (19)	22 (14)	16 (2)	20 (11)	7 (6)	17 (12)
Singapore[3]	—	—	—	—	10 (10)	6 (6)
Turkey[3]	—	—	15 (9)	17 (10)	16 (14)	14 (12)
Others	102 (93)	101 (86)	72 (58)	76 (72)	31 (30)	42 (38)
Total Asia	*305 (281)*	*288 (257)*	*213 (172)*	*270 (237)*	*194 (179)*	*184 (168)*
Ghana	29 (28)	24 (22)	13 (12)	25 (25)	24 (24)	15 (15)
Nigeria	80 (76)	71 (66)	55 (53)	54 (53)	36 (32)	20 (20)
United Arab Republic	16 (13)	16 (15)	13 (11)	5 (4)	3 (3)	1 (1)
Rhodesia[4]	—	—	—	—	11 (11)	9 (9)
South Africa	34 (33)	37 (32)	25 (23)	21 (21)	14 (14)	16 (15)
Others	57 (55)	56 (54)	47 (45)	52 (48)	33 (32)	34 (34)
Total Africa	*216 (205)*	*204 (189)*	*153 (144)*	*157 (151)*	*121 (116)*	*95 (94)*
Canada	87 (84)	92 (84)	74 (70)	103 (94)	112 (108)	112 (106)
United States	291 (225)	319 (236)	324 (243)	404 (316)	270 (250)	244 (226)
Others	5 (4)	6 (5)	1 (1)	11 (6)	10 (6)	9 (6)
Total North America	*383 (313)*	*417 (325)*	*399 (314)*	*518 (416)*	*392 (364)*	*365 (338)*
West Indies	*34 (34)*	*43 (42)*	*23 (22)*	*27 (27)*	*16 (15)*	*15 (15)*
Central America	*4 (4)*	*2 (2)*	*4 (3)*	*4 (2)*	9 (6)	*4 (4)*
South America	*43 (36)*	*48 (30)*	*40 (20)*	*48 (28)*	*32 (25)*	*31 (23)*
Australia	34 (32)	28 (25)	25 (22)	37 (34)	28 (26)	20 (18)
New Zealand	11 (11)	11 (11)	9 (9)	11 (11)	5 (5)	9 (9)
Fiji	2 (2)	2 (1)	1 (—)	—	—	—
Others	2 (2)	—	—	—	—	—
Total Oceania	*49 (47)*	*41 (37)*	*35 (31)*	*48 (45)*	*33 (31)*	*29 (27)*
Total	**1219 (1074)**	**1233 (1025)**	**1028 (812)**	**1240 (1042)**	**926 (842)**	**870 (799)**

The figures in brackets denote the number of Regular Students

[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 the Balkan States

[3] Previously included in Asia: Others

[4] Previously included in Africa: Others

Part II: Regulations and Facilities

Admission of Students

1. Students are classified in the following categories:

(*a*) Regular students—those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.

(*b*) Occasional students—those paying a fee for one or more separate courses of lectures.

2. No student will be admitted to any course until he has paid the requisite fees.

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 3s. 0d. within the United Kingdom; 5s. 0d. within Europe; 9s. 0d. 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 candidate should normally submit his form to the U.C.C.A. through one of the recognised agencies, such as the Ministry of Overseas Development or his own country's High Commissioner's Office, Students' Office, Embassy or Consulate General in the United Kingdom. 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. is prepared to receive applications for admission in October 1970 is 1 September 1969. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1969, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1969. 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 122–7. 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, W.C.1. 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. Since its accommodation is limited the School can accept only a small proportion of those who apply. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. The School reserves the right to call any student for personal interview and may also specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Some candidates may also be asked 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 candidate 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

The School receives many applications each year and it is not possible, therefore, to interview all candidates. As far as the courses with larger intakes are concerned, candidates are called for interview only in special circumstances, e.g. in marginal cases; where further information is required; and in the case of mature students or students with unusual qualifications.

For some of the other courses, however, where numbers of applications and places are smaller, a higher proportion of applicants is interviewed.

University Entrance Requirements

All candidates for admission to degree courses at this School must, by the date on which they hope to be admitted, be able to satisfy:

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

(*b*) the course requirements (if any) for the particular degree course they wish to follow. (See table on pages 125–7.)

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 I pass in a subject taken in the Certificate of Secondary Education is recognised as equivalent to an Ordinary level pass in the G.C.E. examination. (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 a three-year course of training in Northern Ireland since 1950;

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 125–7.

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 122.

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 Ministry of Overseas Development; and students are advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. any application for admission to a first degree course at this School. Students who are in any doubt or difficulty over this procedure may write direct to the School for advice.

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

(*a*) Those who do not hold the relevant British qualifications listed on pages 122–3, but who hold a qualification enabling them to enter a foreign university may be considered by a 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 £625 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 138–40 about fees for overseas students.

Degree Courses and Course Requirements

All students must satisfy the University general requirements given on page 122–4 as well as the course requirements for the particular degree they wish to take.

Course	*Degree*	*Faculty*	*Course Requirements*	*Additional Information*	*Page*
Anthropology	B.Sc.	Economics	—	O level pass in Mathematics is expected	192–4
Economics	B.Sc. (Econ.)	Economics	—	O level pass in Mathematics is expected	171–190
Geography	B.Sc.	Science	—	—	194–9
History	B.A.	Arts	Pass at O or A level in an approved modern foreign language	A level pass in History and O level pass in a second foreign language (preferably classical) are expected	199–200
Language Studies:	B.A.	Arts		For all combinations: this is a four-year course, one year being spent abroad	200–2

[*Continued on page 126*

Course	*Degree*	*Faculty*	*Course Requirements*	*Additional Information*	*Page*
French/Linguistics			Pass at A level in French and at O or A level in a second language	—	
German/Linguistics			Pass at A level in German and at O or A level in a second language	—	
French/Russian			Pass at A level in French and at O or A level in Russian	—	
French/Spanish			Pass at A level in French and at O level in Latin	—	
German/French			Pass at A level in French and at least at O level in a second language	A level pass in German is preferred as second language	
German/Russian			Passes at O or A level in two languages preferably German and Russian	—	
German/Spanish			Passes at O or A level in two languages preferably German and Spanish	—	
Law	LL.B.	Laws	—	—	190–2
Mathematics	B.Sc.	Economics	—	A level pass in Pure Mathematics is expected[1]	202–3
Philosophy and Economics[2]	B.A.	Arts	—	O level pass in Mathematics is expected	203–4
Sociology[3] (Branches I and III)	B.A.	Arts	—	O level pass in Mathematics is expected	209
Sociology[3] (Branches I and III)	B.Sc.	Economics	—	O level pass in Mathematics is expected	206–9
Social Psychology	B.Sc.	Economics	—	O level pass in Mathematics is expected	204–6

[1] Or its equivalent if taken under an Examination Board other than London.
[2] There will be no new registrations for this degree after October 1969.
[3] Apply for B.A. or B.Sc. not for both.

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 138 and 230).

2. General Course enrolment enables a student to attend lectures 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*) At the beginning of the year a reception programme is arranged, which includes an introductory talk by the Adviser to General Course students, who has general responsibility for all students in this category.
(*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 attend up to three courses, i.e. three hours a week, throughout the session. They are normally required to enrol for a complete course or for one term; registration for single lectures is not permitted. The fee for most courses is 10s. 0d. per hour.

2. Applicants for admission as Occasional students mu 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.

Students reading for diplomas awarded by the School may register as associate 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 organisation in a public statement or communication shall make clear his status as a student, and the status of any such organisation.

Copyright in Lectures

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

Misconduct

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

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

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

Penalties for Breaches of Regulations

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

Reprimand.

A fine not exceeding £25.

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

Expulsion from the School.

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

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

Reprimand.

A fine not exceeding £25.

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

Disciplinary Procedures

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

Should the Academic Secretary be satisfied that a *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 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 Board 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 its decision to the student concerned and to the Director in writing.

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 Students 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.

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 1969–70: 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 at 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 139–40.

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]The fees do not cover (*a*) board and travel costs of vacation field work which is compulsory for students proceeding to the B.Sc. degree in Geography, or to the B.Sc. (Econ.) degree with the special subject Geography, (*b*) the year's residence abroad normally required for the B.A. degrees in Language Studies, (*c*) the cost of practical work and fees charged by social work agencies for students reading for School Diplomas in Applied Social Studies, Mental Health, Personnel Management and Social Administration.

[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			
			Continuing[1]		New	
	Sessional	Terminal	Sessional	Terminal	Sessional	Terminal
All first degrees	£70	£24	£120	£41	£250	£85
M.Sc., M.A., LL.M.						
One-year course or first year of two-year course	£90	£31	£140	£48	£250	£85
Second year	£60	£21	£110	£38	£250	£85
Ph.D., M.Phil.	£77	£26	£127	£43	£250	£85
Research Fee	£60	£21	£110	£38	£250	£85
Continuation Fee	£20	£7	£70	£24	—	—
Academic Diploma in Social Anthropology	£70	£24	£120	£41	£250	£85
School Diplomas in: Applied Social Studies, Mental Health, Personnel Management, Social Administration, Statistics	£70	£24	£120	£41	£250	£85
School Diploma in Development Administration	£580	—	£580	—	£580	—
Trade Union Studies	£60	£21	£110	£38	£250	£85
General Course	£100	£34	—	—	£250	£85

Part-time Students UNITED KINGDOM AND OVERSEAS	Sessional	Terminal
B.Sc. (Economics)	£25	£9
LL.B.	£32	£11
Ph.D., M.Phil., M.Sc., 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.

[1]i.e. Students who were on full-time or sandwich courses in the U.K. in April 1967 (see page 140)

Notes:

(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. From October 1969, these arrangements will apply to full-time higher degree students who have been registered for three years at full fees, and part-time students who have been registered for four years.

(iii) 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.

(iv) 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.

(v) Part-time students reading for higher degrees are charged non-inclusive tuition fees plus a University registration fee of £5. They pay their own examination fee as follows:

	£	s.	d.
M.A., M.Sc., M.Phil. or LL.M.	25	0	0
Ph.D.:			
Before 1 September 1970	30	0	0
On and after 1 September 1970	35	0	0

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 10s. per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £5.

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

2. Any student 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 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 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 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 in the U.K. prior to embarking on a course at the School.

Eligibility for the limitation of the fee increase to £50 per annum

For all overseas students who were full-time or sandwich course students in the U.K. on 30 April 1967, the increase in fees to be charged shall be limited to £50 per annum above the fee charged to a home student on the same course, until the end of the academic year 1970–71. Where such an overseas student changes from one course to another, the fee to be charged to him on the new course shall be £50 per annum above the fee charged to a home student on the same course. This will apply whether or not the student changes institutions in changing his course.

Scholarships, Studentships, Exhibitions and Bursaries

The pages immediately following give particulars of the scholarships, studentships, exhibitions and bursaries made available by the School or by other authorities to students studying or hoping to study at the School. They are classified 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 either on the results of an Intermediate or Part I 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 of the University of London or to undertake research or advanced study.

(d) Awards for Special Purposes:

1. The S. H. Bailey Scholarship in International Studies (see page 146).
2. The Scholarship in International Law (see page 147).

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 awarded by the School

Candidates for these scholarships must apply separately for admission to the School through the Universities Central Council on Admissions by 15 December.

LEVERHULME ADULT SCHOLARSHIP

One Adult Scholarship, of the value of £100 per annum, will be offered annually by the School.

The regulations for this scholarship are:

1. Candidates must be not less than 23 years of age on 1 October in the year of award.

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

3. A student who has already obtained a university degree shall not ordinarily be considered for this scholarship.

4. Candidates may be asked to submit an essay on an approved topic or to take the Entrance Examination (see page 122). Selected candidates will be interviewed.

5. Candidates must be in a position to comply with the University of London general requirements for admission to a first degree course or must enter for an

examination to enable them to comply with such requirements before 1 October in the year of award.

6. Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.

7. The scholarship 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.

8. The successful candidate shall be required to register as a regular student of the School and to pursue a course of full-time study for one of the first degrees in the social sciences.

9. The scholarship shall not be awarded unless there is a candidate of sufficient merit.

Application forms may be obtained from the Senior Assistant Registrar of the School and should be returned not later than 15 December in the year preceding the year of award.

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS

Entrance Scholarships have been established with the aid of funds provided by a number of business firms for students who wish to read for the B.Sc. (Econ.) degree and to specialise in Accounting and Finance, Economics (Analytical and Descriptive), Economics and Econometrics, Statistics or Computing; or to read for the B.Sc. degree in Mathematics in the Faculty of Economics. The value of each scholarship will be £550 a year; each scholar will be responsible for paying his own fees.

It is expected that one scholarship will be offered in 1970. In addition, a small number of awards of up to £100 may be offered to supplement local education authority awards. If required, a place in a hall of residence will be reserved for each scholar, though the scholar will, of course, be required to pay the normal hostel fees.

The regulations for these scholarships are:

1. The scholarships shall be open equally to men and women.

2. In making the awards, the School shall have regard to the candidates' school records and their performance in the examination for the General Certificate of Education. Candidates may also be required to attend an interview.

3. Successful candidates must satisfy the general requirements of the University of London before admission. They shall be required to have passed at least one of the Mathematics papers of the General Certificate of Education examination at advanced level in or before the year of award or to hold evidence of similar proficiency in Mathematics.

4. Scholars shall be required to register as full-time students of the School and to proceed to the internal degree of B.Sc. (Econ.) of the University of London and to offer one of the following subjects as their special subject in Part II of the degree examination:

Accounting and Finance
Economics (Analytical and Descriptive)
Economics and Econometrics

Statistics
Computing

or to read for the B.Sc. degree in Mathematics in the Faculty of Economics.

5. Scholars shall be entitled to the full value of the award. No account shall be taken of the parents' income or of income from any other source.

6. 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.

Application forms may be obtained from the Senior Assistant Registrar of the School and should be completed and returned not later than 30 November in the year preceding the year of award.

CHRISTIE EXHIBITION

An exhibition to the value of £40, founded in memory of the late Miss Mary Christie, will be offered for award every other year. The next award will probably be offered in 1970.

The regulations for this exhibition are:

1. Candidates must have attained the age of 20 years or, if a graduate, 21 years by 1 October in the year of award.

2. In making the award the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an interview.

3. Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.

4. The holder of the exhibition shall pursue a diploma course in the department of Social Science and Administration at the School.

5. The exhibition shall be tenable for one year.

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

Entrance Scholarships and Exhibitions awarded by the University of London and other bodies

LOCH EXHIBITIONS

Two exhibitions to the value of £24 each, founded by a private benefactor in memory of the late Sir Charles Loch of the Charity Organisation Society, will be offered for award annually by the University of London.

The regulations for these exhibitions are:

1. Candidates must have attained the age of 20 years or, if a graduate, 21 years by 1 October in the year of award.

2. In making the awards the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an interview.

3. Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.

4. Holders of the exhibitions shall pursue a diploma course in the department of Social Science and Administration at the School, and if a further year's tenure is granted, a further course in the same department.

5. The exhibitions shall be tenable for one year in the first instance, but may be renewed for a second year.

Candidates need not submit a special application. The Director, on the advice of the convener of the department of Social Science and Administration, will nominate two candidates to the University. Successful candidates will be informed.

AWARDS OFFERED BY LOCAL AUTHORITIES

Local education authorities in England and Wales make awards for university study. Particulars of these may be obtained from education officers of counties or county boroughs. Details of the awards arrangements for first degree and comparable courses are set out in the pamphlet *Grants to Students* No. 1, obtainable from the Department of Education and Science or local education authorities. Students are advised to apply before the end of January in the year in which they hope to begin their studies.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

A limited number, not exceeding 30, of State Scholarships for Mature Students is awarded annually by the Department of Education and Science.

The purpose of the scholarships is to provide opportunities for pursuing studies leading to an honours degree in Liberal Studies to students over 25 years of age who were unable to take a university course at the normal age.

Forms of application must be submitted by 15 November of the year before the candidate hopes to start his course of study.

Further particulars may be obtained from the Department of Education and Science (Awards), Elizabeth House, 39 York Road, London, S.E.1.

SCHOLARSHIPS FOR MENTAL HEALTH COURSE

A scheme of Government grants is available to assist candidates intending to be Psychiatric Social Workers to read for the Diploma for Social Workers in Mental Health. Further information about these grants will be given to successful applicants for admission to the course.

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

The Association of Certified and Corporate Accountants offers a scholarship of a value not exceeding £200 a year for three years or £600 in all during the currency of any one scholarship, to enable the recipient to pursue a course of study for the B.Sc. (Econ.) degree, specialising in Accounting and Finance or some other related subject approved by the Council of the Association, or for a higher degree similarly approved. Applications will be considered from members of the Association or from students who have passed Section I or Section II of the Association's Final Examination. The award may be made for full-time or for part-time study, the value being varied accordingly. Further particulars can be obtained from the Secretary of the Association, 22 Bedford Square, London, W.C.1.

SCHOLARSHIPS IN TRADE UNION STUDIES

The Trades Union Congress Educational Trust offers for award a number of scholarships and bursaries for full-time students for a one-year course in Trade Union Studies. Applicants for these scholarships must be members of organisations affiliated to the Trades Union Congress.

Further information may be obtained from the Secretary, T.U.C. Educational Trust, Congress House, Great Russell Street, London, W.C.1.

Scholarships awarded during Undergraduate Career by the School

UNDERGRADUATE SCHOLARSHIPS

At least three Undergraduate Scholarships of the value of £50 a year may be offered by the School annually.

The regulations for these scholarships are:

1. Day and evening students of the School shall be eligible.

2. Candidates must have completed not less than one year of a first degree course at the School.

3. The scholarships shall be awarded on the quality of the candidates' work at the School. Candidates may be required to attend an interview. These scholarships shall be awarded only if there are candidates of sufficient merit.

4. 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.

5. The scholarships shall be awarded in October of each year.

Applications should be made by letter to the Senior Assistant Registrar by 31 July.

THE C. S. MACTAGGART SCHOLARSHIP

At least one C. S. Mactaggart Scholarship of the approximate value of £50 will be offered for award annually by the School.

The regulations for this scholarship are:

1. Day and evening students of the School reading for the B.Sc. (Econ.) degree shall be eligible. The successful candidate may for the time being, however, elect to continue his studies either as an evening or day student.

2. Candidates must have passed Part I of the B.Sc. (Econ.) degree examination.

3. The scholarship shall be awarded on the quality of the candidates' work at the School. Candidates may be required to attend an interview. The scholarship shall be awarded only if there is a candidate of sufficient merit.

4. The scholarship 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.

5. The scholarship shall be awarded in October of each year.

Applications should be made by letter to the Senior Assistant Registrar by 31 July.

HAROLD LASKI 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 £50.

The regulations for this scholarship are:

1. It shall be awarded to the student of the School who proposes to offer Government as his special subject in Part II of the B.Sc. (Econ.) examination and who achieves the best result among such students in the paper on British Government: An Introduction to Politics, in Part I. An award shall be made only if there is a candidate of sufficient merit.

2. The scholarship shall be tenable for one year.

3. The scholarship shall be awarded at the end of the Summer term in each year.

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

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:

1. 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 (Modern) or Economic History (Mediaeval) 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.

2. The scholarship shall be tenable for one year.

3. The scholarship shall be awarded at the end of the Summer term in each year.

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

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

The School will offer for award annually the S. H. Bailey Scholarship in commemoration of the service to the School and to International Studies of the late S. H. Bailey. The scholarship will be of the value of £50.

The regulations for this scholarship are:

1. The scholarship shall be open equally to men and women.

2. The scholarship shall be open to all regular students of the School, but normally preference will be given to a student whose course at the School has included the study of International Relations.

3. The scholarship shall be awarded to enable the successful student to attend a session at the Academy of International Law at The Hague or in any other institute of international study or to gain experience of some suitable international organisation on a plan to be approved by the Director.

4. The scholarship shall be awarded only if there is a candidate of sufficient merit.

Candidates should make written application to the Director before 1 May in the year of award.

SCHOLARSHIP IN INTERNATIONAL LAW

The School will offer for award annually a scholarship in International Law; it will be of the value of £50.

The regulations for this scholarship are:

1. The scholarship shall be open equally to men and women.

2. The scholarship shall be open to all regular students of the School.

3. The scholarship shall be awarded to enable the successful candidate to attend a session at the Academy of International Law at The Hague.

4. The scholarship shall be awarded only if there is a candidate of sufficient merit.

Candidates should make written application to the Director before 1 May in the year of award.

SPECIAL BURSARIES

The School may offer a limited number of bursaries to assist full-time or evening students reading for first degrees. The amount of the bursaries will be equivalent to the fees which the student would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may be awarded to students who show financial need and whose record shows academic promise or merit.

2. They shall be open to day and evening students.

3. Holders of bursaries shall follow a first degree or diploma course at the School.

4. Each bursary shall be awarded for one year in the first instance.

5. Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to pursue his studies without financial assistance.

Application forms may be obtained from the Senior Assistant Registrar of the School.

Scholarships awarded during Undergraduate Career by the University of London and other bodies

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 regulations 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. Honours 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 regulations 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 two years.

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

4. Applicants must be British subjects by birth.

5. 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 regulations 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 regulations for these scholarships are:

1. Candidates must be of British nationality.

2. 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 awarded annually until further notice. The scholarship will be of the value of £40 a year.

The regulations 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 Social Psychology in the Faculty of Economics, 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 Secretary of the Scholarships Committee, University of London, Senate House, W.C.1, 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.

Scholarships and Studentships for Graduate Work awarded by the School

Note for overseas students The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. The awards are not made until the beginning of the session for which they are offered and, save in the case of the Leverhulme Graduate Entrance Studentship for Overseas Students, final selection is by competitive interview at 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 organised 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.

[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.

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.

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.

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 £500 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.

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 6 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 United Kingdom nationality of any university.
2. Each studentship shall be of the value of £500 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.
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 6 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 (excluding Commonwealth) 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 £500 a year together with tuition fees.
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.
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 (excluding Commonwealth) 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 £500 a year together with tuition fees.
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.
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 £300 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. The holder of the scholarship shall undertake no paid employment without the permission of the Director.
5. Subject to satisfactory progress the scholarship shall normally be tenable for two years.
6. 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 6 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.

GREEK SHIPOWNERS' STUDENTSHIPS FOR GRADUATE STUDENTS

Studentships for graduate students of Greek nationality have been established with the aid of funds provided by a number of Greek shipping firms.

The regulations for the studentships are:

1. The value of each studentship shall be not less than £300 a year, the student being required to pay his own fees.
2. The studentships shall be open to men and women of Greek nationality who are university graduates or expect before October in the year of award to become graduates and who intend upon completion of their studies to return to Greece.
3. Candidates must satisfy the selection committee as to their need of financial assistance to follow the course proposed.
4. Each student shall be required to read at the School as a full-time student for a higher degree of the University of London, or to follow at the School some other graduate course approved by the Director.
5. Each studentship shall be tenable at the School for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.

Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should state why he wishes to obtain

an award and what benefit he hopes to derive from it, and he should supply details of 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. He should also state whether he holds any other award and the value of it.

Applications must be received by 6 September for awards tenable from the following October and should be sent to the Secretary of the Graduate School.

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.

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 6 September.

GRADUATE STUDENTSHIPS IN INTERNATIONAL STUDIES

With the aid of a grant provided by the Ford Foundation, a number of Graduate Studentships are offered annually to enable the holders to read for a higher degree at the School in the field of International Studies, and especially on some aspect of contemporary China or the Soviet Union or Eastern Europe. The term International Studies in this context includes the study of the politics, economics, law, social structure or modern history of a single country or group of countries in the areas listed, as well as the relationships between these areas and other parts of the world. Some preference will be given to applicants intending to make their career in International Studies, particularly in university teaching.

The regulations for these studentships are:

1. They shall be open to graduates of any university with a first class or high second class honours degree in the Humanities or the Social Sciences (particularly Economics, History, International Relations or Politics).
2. The studentships shall be tenable for one year in the first instance, but they will normally be renewable for at least a further two years, subject to satisfactory progress.
3. Each studentship shall be of the value of £750 a year together with all appropriate fees.

4. Each holder of a studentship shall be required to register as a full-time student of the School and to follow a prescribed course of study or to undertake approved research.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director.
6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made by letter, giving full particulars of the applicant's qualifications, a general indication of the field of advanced study or research in which the applicant is interested, and the names of two referees, and should reach the Secretary of the Graduate School by 28 February in the year of award.

Only a formal letter of application is necessary from students who have already applied to, or been accepted by, the Graduate School.

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. It is intended to offer an award every other year; the next studentship may be offered in 1971.

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 £1,000 a year. It shall normally be held for a period of not less than two years at a time.

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 28 February 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 is offered for award every third year to women students. Its value will be the income of the Hutchins Fund for three years preceding the date of the award, and will normally be about £320. 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 Social Science. The next studentship may be offered in 1970.

The regulations for this studentship are:

1. The studentship shall be open to women students who are graduates or 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.
4. The studentship shall be tenable for one year only.

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 6 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 1970. It is not conditional upon registration for a higher degree. The studentship is of the value of at least £650, and is tenable with other emoluments.

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. Preference will be given, other things being equal, to a candidate offering to study the economic or social history of some country other than the country of his or her usual residence.
4. The studentship shall be tenable from October of the year of award for one year.
5. Candidates for the studentship must submit with their applications full particulars of their qualifications, the names of three referees and a scheme of study of some subject in social or economic history.

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 £750 a year.

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

Applications for the studentship should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 31 May.

ACWORTH SCHOLARSHIP

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

An Acworth Scholarship of the approximate value of £90 a year will be offered for award by the School for graduate work relating to inland transport subjects.

The regulations for this scholarship are:

1. The scholarship shall be open to graduates of any university.
2. The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
3. The scholarship shall be tenable for one year in the first instance, but may be renewed.
4. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 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.

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 6 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.

MANOR TRUST

As a memorial to the late Mr. Albert Palache the Manor Trust has made available

to the School a small fund to assist students who wish to undertake graduate work in the following subjects:

Accounting and Finance
Economics
Econometrics
Industrial Relations
Operational Research

and who are unable to secure financial assistance from other sources.

The fund is administered by the Scholarships and Prizes Committee of the School.

Further information may be obtained from the Secretary of the Graduate School.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See page 146.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 147.)

BURSARIES FOR GRADUATE STUDENTS

The School may offer a limited number of bursaries to assist graduate students to proceed with advanced study or research. The amount of the bursaries will be equivalent to the value of the tuition fees which the students would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may be awarded to students who show financial need and whose records show academic promise or merit.
2. They shall be open equally to day and evening students.
3. The successful candidate shall follow a course of advanced study or research approved by the Director.
4. The bursaries shall be awarded for one year in the first instance.
5. Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to pursue advanced study or research without financial assistance.
6. Bursaries are not normally awarded in the first year of advanced work.

Applications should be made on the prescribed form which can be obtained from the Secretary of the Graduate School.

Scholarships and Studentships for Graduate Work awarded by the University of London and other bodies

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 pro-

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

ceeding 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.[1] They have at present a maximum value for at least 44 weeks' full-time study in a year of £530 (or £410 if the student lives at home), 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
[2]Human Geography
Industrial Relations
International Relations
Political Science
Regional Planning
Social Psychology
[3]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 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

[1]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.
[2]Excluding Cartography and Physical Geography.
[3]Excluding Option B.

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 regulations 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, W.C.1, from whom further particulars and application forms may be obtained.

LEON FELLOWSHIP

A fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of graduate or advanced research work in any subject, but preferably in the field of Economics or Education. The value of the fellowship will be not less than £1,200 a year. The fellowship will be offered for award from time to time as funds permit (normally biennially), provided that there is a candidate of sufficient merit.

The regulations for this fellowship are:

1. Candidates need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake advanced research work.

2. A scheme of work must be submitted for the consideration of the selection committee.
3. Candidates who are graduates must obtain nomination from the head of the institution with which they are connected.
4. The fellowship is tenable for one year in the first instance, but may be renewed for a second year.

Applications must be received by the Principal, University of London, W.C.1, on or before 1 February in the year of award. Further information may be obtained from the Deputy Academic Registrar.

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 Henry Charles Chapman Junior Research Fellowship was established and is maintained with the income from a bequest to the University by the late Mr. Henry Charles Chapman for promoting the study of the history of the British Commonwealth, its problems and world responsibility. The Dame Lillian Penson Junior Research Fellowship was instituted as a memorial to the late Professor Dame Lillian Penson.
3. The annual value of each Junior Research Fellowship will be in the range £650–£850 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £650 a year. In addition, tuition fees in the University of London incurred by the holder of a fellowship for his approved programme of work may be defrayed by the Institute where these fees have not otherwise been provided for.
4. The amount of each fellowship will be payable in quarterly instalments, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the Institute of a satisfactory report on the Fellow's progress and conduct.
5. The fellowships will normally be awarded to graduates of at least one year's standing of any university of the United Kingdom or elsewhere in the Commonwealth. Only graduates of at least two years' standing can be considered for a fellowship of annual value higher than £650. Each fellowship will be tenable for one year in the first instance, with the possibility of renewal for a second year at the discretion of the Committee of Management of the Institute. Holders of the fellowships will be required to devote their full time to their subject of research and, unless already registered for a higher degree in the University of London, will normally be required to register for such a degree.
6. Students working for a London higher degree and expecting to undertake field work overseas in a session starting in October after the closing date for applications, may submit an application with a view to consideration for a fellowship to commence after their return from field work. Junior Research fellowships cannot be offered to cover a period of field work.

7. Candidates placed on the short list may be required to attend at the Institute for interview.

8. Applications (4 copies) on the prescribed form, must reach the Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, W.C.1, not later than 1 March.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

(I) A number of Postgraduate Studentships of £525 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 regulations for these studentships are:

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

2. Candidates must have taken their first degree not more than three years previous 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, W.C.1, not later than 1 March in the year of award. Further information may be obtained from him.

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

1. The studentships are open to internal and external students who obtain first class honours at their final examinations for Bachelor's degrees, and who are neither eligible for, nor, for special reasons, 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 and will be required to submit periodical reports on the progress of their studies during the tenure of their studentships.

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

4. The tenure of the studentships begins at the beginning of the session immediately following the final Bachelor's degree examinations and extends for one or two years in the first instance.

5. The value of the studentships is £500 in the first year and £525 in the second year, 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. Suitable students are automatically considered on the results of the final examinations. The awards will be made by the University Scholarships Committee after consideration of reports from the relevant examiners.

Further information can be obtained from the Secretary to the Scholarships Committee, University of London, W.C.1.

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 advanced study or research in any subject. Until further notice the value of the studentship will be £275 a year plus a grant of £250.

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 regulations for these studentships are:

1. Candidates may 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, W.C.1, from whom further information can be obtained.

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

DERBY STUDENTSHIP

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

GERSTENBERG STUDENTSHIP

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

RESEARCH FELLOWSHIPS IN HISTORY

1. The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, W.C.1. The fellowships will be of an annual value of £650, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £650 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, W.C.1, 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, W.C.1.

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 144.)

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.

Medals and 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 for the best performance in the papers in Economics and Elementary Statistical Theory by a student at Part I 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 £7 7s. 0d. It will be awarded only if there is a suitable candidate.

School Prizes

Provided that candidates of sufficient merit present themselves, the School will award annually eleven prizes of books to the value of £10 each to students who are reading for first degrees and whose work in their first year shows particular merit.

The prizes will be offered as follows:

B.Sc. (Econ.): three prizes will be awarded: one for the best performance in Part I of the B.Sc. (Econ.) examination as a whole; one for the best performance in Economic History or Political History; one for the best performance in British Government: An Introduction to Politics.

LL.B.: a prize will be awarded for the best performance in the College Intermediate Examination in Laws.

(i) *B.A. or B.Sc. with Honours in Sociology;* (ii) *B.Sc in Geography;* (iii) *B.A. with Honours in History;* (iv) *B.A. with Honours in Philosophy and Economics and B.Sc. in Social Anthropology;* (v) *B.Sc. in Mathematics;* (vi) *a first degree in the department of Language Studies;* (vii) *B.Sc. in Social Psychology*; A prize will be awarded to the student who is adjudged to have done the best first year's work in a degree course in each of these groups.

Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £17, 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.

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 subjects 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 of the prize will be the income of the fund for the year preceding the award and will normally be about £6 6s. 0d. It will be awarded to the student who shows conspicuous merit in the special subjects of Economics (Analytical and Descriptive), or Economics and Econometrics, or Monetary Economics or Industry and Trade 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 in Geography or in the final examination for the B.A. degree with Honours in 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 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.

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

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 it is hoped to award an annual book prize. Further information may be obtained from the convener of the department of Geography at the School.

Premchand Prize

A prize of about £24, 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 'The Politics and Government of the United Kingdom'; (ii) a prize of books to the value of £3 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, B.Sc. (Sociology) degree, Branches I and II, 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, the B.Sc. (Sociology) degree, Branches I and II, 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 the first years of award 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 £30 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.Sc. (Sociology) degree, Branch III. The award will be made only if there is a suitable candidate.

The Harriet Bartlett Prize
Through the generosity of Miss Harriet Bartlett, an American social worker, formerly a student of this School, a book prize of the value of five guineas will be offered for award annually provided that there is a candidate of sufficient merit. The award will be made by the Director on the recommendation of the Scholarships and Prizes Committee.

Students who have obtained the Diploma in Applied Social Studies or the Diploma for Social Workers in Mental Health are eligible to compete and the prize will be awarded to the student who submits the best report on a case from his field work.

Candidates should prepare these reports so that they can be used for teaching purposes and should submit them to the Senior Assistant Registrar by 1 February.

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 Director 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 during the first session by an undergraduate student, reading for a first degree or diploma, who has not previously studied at a university. The essay should not exceed 3,000 words. Subjects approved by the Director will be announced each year.

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

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

It will be open to present or past regular students of the School who have registered for a period of at least two years and 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 1972. 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 1972.

The Firth Award
A prize to the value of about £10 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 £15, 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. 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 13s. 0d. 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.

First Degree Courses

General Information

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

Bachelor of Science in Economics
Bachelor of Laws
Bachelor of Arts with Honours in the following subjects
History, Language Studies, Philosophy and Economics[1], Sociology
Bachelor of Science in Geography, Mathematics, Social Anthropology, Social Psychology, and Sociology

The degree regulations as printed in this Calendar are correct at the time of going to press, but may possibly have been modified in minor respects by the beginning of the academic year.

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 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.

Degree of Bachelor of Science in Economics

Complete courses of study are provided by the School for the degree of B.Sc. (Econ.). The entrance requirements for this degree are set out in the table on page 125.

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

[1] There will be no new registrations for this degree after October 1969.
[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 pamphlet 'General Regulations for Internal Students' obtainable from the University of London, Senate House, London, W.C.1.

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.

The subjects of the examination are as follows:

Part I

Part I of the examination consists of five papers, as follows:

	Reference Nos. of Courses
Compulsory Subjects	
1. *Either* (*a*) Economics	21–2
or (*b*) Introduction to Mathematical Economics	23, 23a
(*Candidates selecting* 1 (*b*) *Introduction to Mathematical Economics are required to present Algebra and Methods of Analysis as an alternative subject at Part I. Students at the School will normally take* 1 (*a*)*;* 1 (*b*) *may be taken only by those offering special subject II. Economics and Econometrics, X. Statistics, or XI. Computing at Part II; certain options in these special subjects may be taken only by candidates who have taken* 1 (*b*))	
2. British Government: an Introduction to Politics	523, 523a
3. History:	
either (*a*) Economic History	260, 260a
or (*b*) Political History	288–9
Alternative Subjects	
4 and 5. *Two* subjects to be chosen from the following alternatives, subject to the limitations set out below:	
(1) Mathematics: *either* (*a*) Basic Mathematics	900, 900a
or (*b*) Algebra and Methods of Analysis	902, 902a
(2) Elementary Statistical Theory	918, 918a
(3) Introduction to Logic	488, 488a
(4) Introduction to Scientific Method	485, 485a, 489
(5) English Legal Institutions	442, 442a
(6) Elements of Social Structure I	830, 830a, 832
(7) Structure of International Society	580, 580a
(8) Methods of Social Investigation	916, 916a, 935
(9) Principles and Methods of Social Anthropology	640, 642, 649
(10) Introduction to Psychology	700 (i), (ii), 706a
(11) An Approved Modern Foreign Language (*A pass at Advanced level in the language proposed is normally required of students at the School, and those taking this option should register with the Secretary of the Department of Language Studies in the first week of the session*)	369, 372, 378–9, 384–5, 389–90, 393–4
(12) Human Geography	182, 182a
(13) Economic History of England from the Norman Conquest to 1603. This paper will be divided into three sections: 1066–1216[1], 1216–1485, 1485–1603. Candidates must choose their questions from any two contiguous sections.	269, 269a
(14) International Law (*Candidates who have taken International Law at Part I will not be permitted to offer International Law at Part II*)	449, 449a
(15) Introduction to Analysis and Set Theory	903, 903a

In specially approved cases a student may be permitted to substitute subject (15) Introduction to Analysis and Set Theory for one of the three compulsory subjects.

The alternative subjects must be selected according to the following scheme:

Special Subject in Part II	**Alternative Subjects in Part I**
I. Economics, Analytical and Descriptive	Any two of the alternative subjects
II. Economics and Econometrics	*Either* (1) (*a*) Basic Mathematics *or* (1) (*b*) Algebra and Methods of Analysis and any one of the other alternative subjects (*Candidates taking options* (1) (*b*)–(3) (*b*) *at Part II will be required to have taken* (1) (*b*) *Algebra and Methods of Analysis at Part I*)
III. Monetary Economics	Any two of the alternative subjects
IV. Industry and Trade	*Either* (1) (*a*) Basic Mathematics *or* (1) (*b*) Algebra and Methods of Analysis and any one of the other alternative subjects (*Candidates taking* IV, 6, 7 *and* 8 (*e*) *or* (*f*) *at Part II will be required to have taken English Legal Institutions at Part I*)
V. Accountancy and Finance	(5) English Legal Institutions and *either* (1) (*a*) Basic Mathematics *or* (1) (*b*) Algebra and Methods of Analysis *or* (2) Elementary Statistical Theory

[1]There is no teaching for this period at the School.

Special Subject in Part II	**Alternative Subjects in Part I**
VI. Economic History, Modern	Any two of the alternative subjects
VII. Economic History, Mediaeval	Any two of the alternative subjects
VIII. Government	Any two of the alternative subjects
IX. Sociology	(6) Elements of Social Structure I and *either* (8) Methods of Social Investigation *or* (9) Principles and Methods of Social Anthropology
X. Statistics	(1) (*b*) Algebra and Methods of Analysis and (2) Elementary Statistical Theory
XI. Computing	(1) (*b*) Algebra and Methods of Analysis and (2) Elementary Statistical Theory
XII. International Relations	Any two of the alternative subjects
XIII. Social Anthropology	(9) Principles and Methods of Social Anthropology and one other alternative subject
XIV. International History	Any two of the alternative subjects
XV. Geography	(12) Human Geography and any one of the other alternative subjects
XVI. Philosophy	Any two of the alternative subjects

In the above scheme for selection of alternative subjects, references to Algebra and Methods of Analysis apply also to the former subject Intermediate Mathematics.

History as an optional subject at Part II
A candidate who has taken paper 3 (*a*) Economic History at Part I is not permitted at Part II to take Economic History at the subject ' History ' in papers 1, 2, 3 or 4; and a candidate who has taken paper 3 (*b*) Political History at Part I is not permitted at Part II to take Political History in papers 1, 2, 3, 4 or 8. Candidates taking V Accounting and Finance at Part II may, with the permission of the School, substitute for either Economic History or Political History at Part II, a paper in Economic History chosen from papers of VI Economic History, Modern, or VII Economic History, Mediaeval.

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. Save in the most exceptional circumstances students at the School will be required to take Public Finance under either paper 3 or paper 8; they may

	Reference Nos. of Courses
not take Principles of Monetary Economics under paper 8.	
1. Political Thought	510–2
2. *One* of the following:	
(*a*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
(*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 (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914
(*d*) Mathematics B	915–915b
3. *One* of the following:	
(*a*) Scientific Method	486, 486b, 487, 487b, 500
(*b*) Accounting—Management and Economic Aspects	133, 133a, 136–137a, 141, 938
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*d*) Public Finance	41–2, 96
(*e*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	918–20
(*f*) Commercial Law	443–444a and 445, 445a or 446, 446a
(*g*) Economic Geography	205, 205b, 206–7
(*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, 831a, b, 832
4. Economic Principles	28 (i) (ii) (vi), (i)a, (ii)a, 29
5. Problems of Applied Economics	28 (iii)–(v)a
6. Economic Statistics	930, 931a, b, 932–3
7. Development of Economic Analysis	31, 31a
8. *One* of the following:	
(*a*) Principles of Monetary Economics	—
(*b*) International Economics	50, 50a
(*c*) History of Economic Thought	30, 30a
(*d*) Economics treated Mathematically	32, 32a, 951, 980
(*e*) Public Finance (if not taken in 3 above)	41–2, 95

Reference Nos. of Courses

II. Economics and Econometrics

For examination in 1970 only

(Only third-year Course Nos. are listed opposite)

1. *Either*
   (*a*) Political Thought — 510a, 511–2
   or
   (*b*) History:
   either (i) Economic History — 261a
   or (ii) Political History — 290a
2. *Either*
   (*a*) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*) — 914 (ii)
   or
   (*b*) Mathematics B — 915b
3. *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*) — 920
   (*b*) Statistical Theory — 927, 929
   (*c*) Management Mathematics — 950, 950a, 951, 951a
   (*d*) Accounting—Management and Economic Aspects — 137, 137a, 141
   (*e*) Development of Economic Analysis — 31, 31a
4. Economic Principles — —
5. Problems of Applied Economics — 28 (iv), (v)a
6. Economic Statistics — 931b
7. Economics treated Mathematically — 32, 32a, 951, 980
8. Econometrics — 33, 33a

For examination in and after 1971

(Only second-year Course Nos. are listed opposite)

Either
1. (*a*) Economic Principles — 28 (i), (ii), (vi), (i)a, (ii)a
2. (*a*) Economics treated Mathematically — 32, 32a
3. (*a*) (i) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis at Part I*) — 914 (i)
   or (ii) Mathematics B — 915, 915a
   or (iii) Analysis and Set Theory — 903, 903a

or
1. (*b*) Mathematical Economics I — 34, 34a
2. (*b*) Mathematical Economics II — —

Reference Nos. of Courses

3. (*b*) (i) Mathematics B — 915, 915a
   or (ii) Analysis and Set Theory — 903
   (*Options* 1 (*b*) – 3 (*b*) *may be taken only by candidates who have taken Introduction to Mathematical Economics and Algebra and Methods of Analysis at Part I*)
4. *Either*
   (*a*) Political Thought — 510, 510a
   or
   (*b*) History:
   either (i) Economic History — 261
   or (ii) Political History — 290, 290a
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*) — 918–9
   (*b*) Statistical Theory — 921–2, 929
   (*c*) Management Mathematics — 921, 949, 949a
   (*d*) Accounting—Management and Economic Aspects — 133, 133a, 136, 136a, 938
   (*e*) Development of Economic Analysis — 31, 31a
6. Problems of Applied Economics — 28 (iii)–(v)a
   Either
   7. (*a*) Economic Statistics — 930, 931a, 932–3
   and 8 (*a*) Econometrics — 919
   or
   7. (*b*) Econometric Theory — —
   and 8 (*b*) Applied Econometrics — 919
   (*Options* 7 (*b*) *and* 8 (*b*) *may be taken only if Statistical Theory is taken at paper* 5)

III. Monetary Economics

N.B. Save in the most exceptional circumstances students at the School will be required to take Public Finance under paper 3 *and:* for examination in 1970, Economic Statistics; for examination in 1971, International Economics under paper 8.

1. Political Thought — 510–2
2. History:
   either (i) Economic History — 261, 261a
   or (ii) Political History — 290, 290a
3. *One* of the following:
   (*a*) Scientific Method — 486, 486b, 487, 500
   (*b*) Accounting—Management and Economic Aspects — 133, 133a, 136–137a, 141, 938
   (*c*) Economic Geography — 205, 205b, 206–7

	Reference Nos. of Courses
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*e*) Constitutional and Administrative Law	448, 448a
(*f*) Commercial Law	443–444a and *either* 445, 445a *or* 446, 446a
(*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, 831a, b, 832
(*h*) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914
(*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, 96
4. Economic Principles	28 (i), (ii), (vi), (i)a, (ii)a, 29
5. Problems of Applied Economics	28 (iii)–(v)a
6. Principles of Monetary Economics	43, 46, 47, 47a, 48, 49, 49a
7. Monetary Institutions	44–5
8. *One* of the following:	
(*a*) History of Economic Thought	30, 30a
(*b*) International Economics	50, 50a
(*c*) Economic Statistics	930, 931a, b, 932–3
(*d*) Public Finance (if not taken in 3 above)	41–2, 95

IV. Industry and Trade

1. Economic Principles	28 (i), (ii), (vi), (i)a, (ii)a, 29
2. *Either* (*a*) Political Thought	510–2
or (*b*) History	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
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*)	918–20
or (*b*) Economic Statistics	930, 931a, b, 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*)	916, 916a, 948, 948a
4. Business Administration	37, 38, 38a
5. Industry and Trade	36–7
6, 7 and 8. *Three* of the following to be selected by students at the School as follows: *either* (*a*), (*b*) and one of (*c*), (*d*), (*g*), (*h*)	

	Reference Nos. of Courses
or any three of (*b*), (*e*), (*f*), (*g*), (*h*) (Other combinations of papers may be approved)	
(*a*) Development of Economic Analysis	31, 31a
(*b*) Problems of Applied Economics	28 (iii)–(v)a
(*c*) History of Economic Thought	30, 30a
(*d*) Economics treated Mathematically	32, 32a, 951, 980
(*e*) Labour, including Elements of Labour Law (*Candidates taking this paper will be required to have taken English Legal Institutions at Part I*)	39, 39a, 96, 443, 443a, 447, 447a
(*f*) Commercial Law (*Candidates taking this paper will be required to have taken English Legal Institutions at Part I*)	443–444a, 445, 445a
(*g*) Business Finance	40, 133, 133a, 142
(*h*) Accounting—Management and Economic Aspects	133, 133a, 136–137a, 141, 938
(*i*) *Either* Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914
or Mathematics B	915, 915a, b

V. Accounting and Finance

1. *Either* (*a*) Political Thought	510–2
or (*b*) History	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
(*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*)	916, 916a, 948, 948a
(*b*) Business Administration	37, 38, 38a
(*c*) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914
(*d*) Mathematics B	915–915b
(*e*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	918–20

	Reference Nos. of Courses
(*f*) Economics treated Mathematically	32, 32a, 951, 980
(*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	921, 949, 949a, 950
(*i*) Analysis and Set Theory	903, 903a
3. Economic Principles	28 (i), (ii), (vi), (i)a, (ii)a, 29
4 *Either* (*a*) Problems of Applied Economics *or* (*b*) Industry and Trade	28 (iii)–(v)a 36–7
5. Commercial Law	443–444a, 446, 446a
6, 7 and 8. Accounting and Finance	133, 139–40, 938, 940

VI. Economic History, Modern

1. Economics	27, 27a
2. Political Thought	510–2
3. English Economic History, 1485–1760	263–4, 273
4. English Economic History from 1760	264, 274
5 and 6. Economic and Political History of England in *one* of the following periods:	
(*a*) *c.* 1575–1642	265, 271
or	
(*b*) 1830–1886	266, 272
7. Economic History of the United States of America from 1783	267, 267 (ii)a, (iii)a
8. *One* of the following:	
(*a*) English Constitutional History since 1660	524
(*b*) *either* (i) International History 1815–1914	292, 308
or (ii) International History since 1914	293, 308
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*e*) Scientific Method	486, 486b, 487
(*f*) Social Philosophy	834–5, 837a, b
(*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, 831a, b, 832
(*h*) Economic Statistics	930, 931a, b, 932–3
(*i*) Historical Geography	214(i), (i) (a)
(*j*) Political History	290, 290a
(*k*) Social Aspects of Political and Economic Development	640, 651

	Reference Nos. of Courses
VII. Economic History, Mediaeval	
1. Economics	27, 27a
2. Political Thought	510–2
3 and 4. Economic History of England and Western Europe in the Middle Ages	270
5 and 6. Economic and Political History of England 1377–1485	270
7 and 8. *Two* of the following:	
(*a*) English Constitutional History to 1485	—
(*b*) English Constitutional History since 1660	524
(*c*) English Economic History, 1485–1760	263–4, 273
(*d*) English Economic History from 1760	264, 274
(*e*) *either* (i) International History, 1815–1914	292, 308
or (ii) International History since 1914	293, 308
(*f*) International Economic History, 1850–1945	268, 268a
(*g*) Economic History of the United States of America from 1783	267, 267 (ii)a, (iii)a
(*h*) Political Thought (Set Texts)	514
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*j*) Scientific Method	486, 486b, 487
(*k*) Historical Geography	214(i), (i) (a)
(*l*) Social Philosophy	834–5, 837a, b

VIII. Government

1. Economics	27, 27a
2. History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
3. *One* of the following:	
(*a*) English Constitutional History since 1660	524
(*b*) Constitutional and Administrative Law	448, 448a
(*c*) International Institutions	587, 587a, 589–90
(*d*) History of Economic Thought	30, 30a
(*e*) Scientific Method	486, 486b, 487
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*g*) Local Government of England and Wales	531, 531a, 532
4. Political Thought	510–2
5. Political Thought (Set Texts)	514

	Reference Nos. of Courses
6. The Politics and Government of the United Kingdom	525–30, 548
7. Comparative Political Institutions	533, 533a, b
8. *One* of the following:	
(*a*) Political Philosophy	495, 515, 515a, b
(*b*) Contemporary Political Thought	516, 516a, b, 520
(*c*) The Politics and Government of a Foreign or Commonwealth Country	450, 534–5, 536, 536a, 537–538b

IX. Sociology

1. Economics	27, 27a
2. Political Thought	510–2
3. History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
4. Theory and Methods of Sociology	836, 839, 839a, 841
5. Social Philosophy	834–5, 837a, b
6. Social Structure of Modern Britain	266, 843, 843a, 844
7. Essay on a Sociological Subject	—
8. *One* of the following:	
(*a*) Demography I	682–3, 684, 684a
(*b*) Social Psychology	700 (i), (ii), 703, 707a, b
(*c*) Criminology	851–4
(*d*) Comparative Morals and Religion	847, 847a
(*e*) Political Sociology	848, 848a
(*f*) Industrial Sociology	348, 849, 849a, 850

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 8, of the projects completed during the course of study.)

For examination in 1970 only

(Only third-year Course Nos. are listed opposite)

1 and 2. *Two* of the following:	
(*a*) Economic Principles	—
(*b*) Economics treated Mathematically	32, 951, 980
(*c*) Political Thought	510a–2
(*d*) Scientific Method	486–7
(*e*) Social Structure of Modern Britain	843a, 844
3. Mathematics B	915b

	Reference Nos. of Courses
4. Probability, Distribution and Sampling Theory	927–8
5. Theory of Statistical Methods	924, 924a, 926
6 and 7. *Two* of the following:	
(*a*) Actuarial Statistics	939 (ii), (ii)a
(*b*) Demography II	681, 684a, 685–6
(*c*) Social Statistics and Survey Methodology	926, 937, 970
(*d*) Economic Statistics	931b
(*e*) Econometrics	33, 33a
(*f*) Numerical Methods and Programming	946, 946a
(*g*) Management Mathematics	950, 950a, 951, 951a
(*h*) Mathematical Logic	491, 493, 506
8. General Statistics	925, 934 (ii)

For examination in and after 1971

(Only second-year Course Nos. are listed opposite)

1 and 2. *Two* of the following:	
(*a*) *Either* (i) Economic Principles	28 (i), (ii), (vi), (i)a, (ii)a
or (ii) Mathematical Economics I (*This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I*)	34, 34a
(*b*) Mathematical Economics II (*This paper may be taken only by candidates taking* 1 *and* 2 (*a*) (ii) *Mathematical Economics I*)	35
(*c*) Political Thought	510, 510a
(*d*) Scientific Method	—
(*e*) Social Structure of Modern Britain	843
3. *Either* (*a*) Mathematics B	915, 915a
or (*b*) Analysis and Set Theory	903, 903a
4. Probability, Distribution and Sampling Theory	921–2
5. Theory of Statistical Methods	923, 923a
6 and 7. *Two* of the following:	
(*a*) Actuarial Statistics	938, 939 (i)
(*b*) Demography II	680, 680a, 684, 684a
(*c*) Social Statistics and Survey Methodology	936
(*d*) Econometric Theory	919
(*e*) Applied Econometrics	—
(*f*) Numerical Methods and Programming	942, 945, 945a, 985
(*g*) Management Mathematics	921, 949, 949a
(*h*) Mathematical Logic	488, 488a
8. General Statistics	934 (i), 942, 985

Reference Nos. of Courses

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.)

For examination in 1970 only

(Only third-year Course Nos. are listed opposite)

1. Economic Principles	—
2. *Either* (*a*) Economics treated Mathematically	32, 951, 980
or (*b*) Mathematical Logic	491, 493, 506
or (*c*) Political Thought	510a, 511–2
3. *Either* (*a*) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken either Basic Mathematics or Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	901
or (*b*) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914 (ii)
or (*c*) Mathematics B	915b
4. Elements of Computer Science	941, 943, 976
5, 6 and 7. *Three* of the following:	
(*a*) Management Data Processing	141, 947 (ii)a, 987–9
(*b*) Management Mathematics	950, 950a, 951, 951a
(*c*) Numerical Methods and Programming	946, 946a
(*d*) Probability, Distribution and Sampling Theory	927–8
(*e*) Social Statistics and Survey Methodology	926, 937, 970
(*f*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	920
(*g*) Demography II	681, 684a, 685–6
(*h*) *Either* (i) Problems of Applied Economics	28 (iv), (v)a
or (ii) Industry and Trade	36–7
8. General Computing	944 (ii)

Reference Nos. of Courses

For examination in and after 1971

(Only second-year Course Nos. are listed opposite)

1. *Either* (*a*) Economic Principles	28 (i), (ii), (vi), (i)a, (ii)a
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*)	34, 34a
2. *Either* (*a*) Mathematical Economics II (*This paper may be taken only by candidates taking Mathematical Economics I*)	35
or (*b*) Mathematical Logic	488, 488a
or (*c*) Political Thought	510, 510a
3. *Either* (*a*) Mathematics A (*This paper may not be taken by candidates who have taken Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*)	914 (i)
or (*b*) Mathematics B	915, 915a
or (*c*) Analysis and Set Theory	903, 903a
4. Elements of Computer Science	940, 940a, 942, 942a, 943, 985
5, 6 and 7. *Three* of the following:	
(*a*) Management Data Processing	133, 133a, 947(i)a, 986
(*b*) Management Mathematics	921, 949, 949a
(*c*) Numerical Methods and Programming	942, 942a, 945, 945a, 985
(*d*) Probability, Distribution and Sampling Theory	921–2
(*e*) Social Statistics and Survey Methodology	936
(*f*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	918–9
(*g*) Demography II	680, 680a, 684, 684a
(*h*) *Either* (i) Problems of Applied Economics	28 (iii)–(v)a
or (ii) Industry and Trade	36, 36a
8. General Computing	944 (i), 949

XII. International Relations

1. Economics	27, 27a
2. Political Thought	510–2

	Reference Nos. of Courses
3. *Either* (*a*) International History, 1815–1914	292, 308
or (*b*) International Law (*International Law must be taken under either* 3 (*b*) *or* 8 (*e*) *by candidates who have not taken it at Part I and may be taken only by such candidates*)	449, 449a
4. International History since 1914	293, 308
5. International Politics	581, 581a, 584, 604
6. Foreign Policy Analysis	582, 583, 583a
7. International Institutions	587, 587a, 588–90
8. *One* of the following:	
(*a*) Theories of International Politics	598, 598a, 599, 599a
(*b*) The Politics of International Economic Relations	592, 592a
(*c*) Strategic Studies	594, 594a
(*d*) Sociology of International Law	603, 603a
(*e*) International Law (*if not taken at Part I or under* 3)	449, 449a
(*f*) International History (Special Period) chosen from the following:	
(i) Great Britain and the Paris Peace Conference of 1919	303
or (ii) The Manchurian Crisis, 1931–1933	304
or (iii) Anglo-German Naval Diplomacy, 1933–1939	305
(*g*) 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*)	371, 373, 381–2, 387–8, 391–2, 396–7

XIII. Social Anthropology

1. Economics	27, 27a
2. *Either*	
(*a*) Political Thought	510–2
or	
(*b*) Social Aspects of Political and Economic Development	651, 651a
3. History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
4. General Principles of Cultural and Social Anthropology	643, 649
5. Economic and Political Systems [of Simple Societies]	644
6. Moral and Ritual Systems [of Simple Societies]	645
7. Ethnography of a Special Area	646, 650, 650a
8. Development of Social Anthropology	648

	Reference Nos. of Courses
XIV. International History	
1. Economics	27, 27a
2. Political Thought	510–2
3. *One* of the following:	
(*a*) Economic History	261, 261a
(*b*) International Politics	581, 581a, 584, 604
(*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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*e*) Historical Geography	214(i), (i) (a)
(*f*) Economic Geography	205, 205b, 206–7
4. International History, 1494–1815	291, 306
5. International History, 1815–1914	292, 294, 307
6. International History since 1914	293, 295, 307
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 Balkans in International Politics, 1908–1919	302
(*d*) Great Britain and the Paris Peace Conference of 1919	303
(*e*) The Manchurian Crisis, 1931–1933	304
(*f*) Anglo-German Naval Diplomacy, 1933–1939	305
8. *One* of the following:	
(*a*) International Institutions	587, 587a, 589–90
(*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	—
(*d*) Africa in International Politics, 1870–1914	299
(*e*) The Baltic in International Politics since 1815	297
(*f*) International Socialism and the Problem of War, 1870–1914	298

XV. Geography

(In addition to the written papers, the examination will include inspection by the examiners of the original notebooks and evidence of field work. Material specimens should not be submitted. The examiners simply require clear records of evidence that the

	Reference Nos. of Courses
candidate has received instruction in field work or has gained the necessary knowledge and experience by carrying out a programme of fieldwork on his own initiative.)	
1. Economics	27, 27a
2. Economic Geography	205–8
3. Economic and Regional Geography of the British Isles	190, 217
4. The Geography of an Approved Region: *one* of the following:	
(*a*) Africa	191 and *either* 192 *or* 193
(*b*) Australia and New Zealand	—
(*c*) Europe (excluding the U.S.S.R.)	194
(*d*) Latin America	—
(*e*) Middle East	—
(*f*) Monsoon Asia	196
(*g*) North America	197–8
(*h*) U.S.S.R.	195
5 and 6. *Two* of the following:	
(*a*) Political Thought	510–2
(*b*) Economic Statistics	930, 931a, b, 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*)	371, 373, 381–2, 387–8, 391–2, 396–7
(*d*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
(*e*) Social Structure of Modern Britain	843, 843a, 844
(*f*) Analysis and Set Theory	903, 903a
(*g*) International Politics	581, 581a, 584, 604
(*h*) Economic and Political Systems (Social Anthropology) (*Students at the School may take this paper only if they have taken Principles and Methods of Social Anthropology at Part I or have satisfactorily completed the relevant course work for this subject during their studies for Part II of the B.Sc. (Econ.) degree*)	640, 644
7 and 8. *Two* of the following:	
(*a*) Regional Analysis	209, 209a
(*b*) Historical Geography	214(i), (i) (a) or 214(ii)
(*c*) Social Geography	210
(*d*) Urban Geography	211
(*e*) Political Geography	219–20

	Reference Nos. of Courses
(*f*) Man and his Physical Environment	184
(*g*) Geomorphology	199
(*h*) Economics and Geography of Transport	51–52a, 223
(*i*) An independent geographical essay, not exceeding 5,000 words, on an approved topic	—

XVI. Philosophy

1. Economics	27, 27a
2. *Either* (*a*) Political Thought	510–2
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*) Analysis and Set Theory	903, 903a
3. *One* of the following:	
(*a*) History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
(*b*) Philosophy and History of Science	486, 486a, 492, 495, 507
(*c*) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)	918–20
4. *Either*	
(*a*) Moral and Political Philosophy	495, 501, 514–5, 835
or	
(*b*) Mathematical Logic	488, 488a, 491, 491a, 493, 506
5. Logic and Methodology	485, 486, 486a, 487, 488, 488a
6. History of Modern Philosophy	489
7. Epistemology and Metaphysics	490, 494, 499, 503
8. *One* of the following:	
(*a*) Philosophy of Social Sciences	487, 487a, 500, 836, 839
(*b*) Philosophy and History of Science (*if not taken under* 3)	486, 486a, 492, 507
(*c*) Essay on a philosophical subject	—
(*d*) Dissertation, 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.

A candidate who has passed Part I of the B.Sc. (Econ.) degree may with the approval of the School be permitted to transfer to the B.Sc. degree in Mathematics in the Faculty of Economics with direct entry to the course of study and examination for Part II of the B.Sc. degree in Mathematics.

A candidate who has passed Part I of the B.Sc. degree in Mathematics in the Faculty of Economics may with the approval of the School be permitted to transfer to the B.Sc. (Econ.) degree with direct entry to the course of study and examination for Part II of the B.Sc. (Econ.) degree.

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 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 211).

INTERMEDIATE EXAMINATION

The subjects for this examination are:

	Reference Nos. of Courses
a) Public Law I	417, 417a
b) Law of Contract I	418, 418a
c) Law of Tort I	419, 419a
d) Law of Property I	420, 420a

	Reference Nos. of Courses
e) English Legal System	416, 416a
f) English Economic Institutions	24

A student is eligible to sit for the Intermediate examination after satisfactory attendance at courses for one year. The examination comprises five papers, in *a*), *b*), *c*), *d*) and *e*). Questions within the scope of course *f*) may be set in any of these papers.

PART I EXAMINATION

The subjects for this examination are:

	Reference Nos. of Courses
a) Criminal Law	421, 421a, 422
b) Law of Contract II	423, 423a
c) Law of Tort II	423, 423a
d) Law of Property II	424, 424a
e) Public Law II	425, 425a
f) Law and Social Policy	426

A student is eligible to sit for the Part I examination after satisfactory attendance at courses for two years, and after passing the Intermediate examination (including any referred paper).

The examination comprises four papers: one in *a*); one in *b*) and *c*) combined; one in *d*); and one in *e*), within the scope of *f*) may be set in any of these papers. Furthermore, the examiners may set an essay paper.

PART II EXAMINATION

The subjects for this examination are:

	Reference Nos. of Courses
a) Jurisprudence and Legal Theory	427, 427a
b) Law of Evidence	428, 428a
c) History of English Law	430, 430a
d) Public International Law	431, 431a
e) Conflict of Laws	432, 432a
f) Mercantile Law	434, 434a
g) Labour Law	435, 435a
n) Law of Domestic Relations	436, 436a, 474
i) Law of Administration of Estates and Trusts	433, 433a
j) Law of Business Associations	437, 437a
k) Administrative Law with special reference to Local Government	429, 429a
l) Hindu Law	—
m) Muhammadan Law	—
n) African Law	452
o) The Law Relating to Sentencing in England and Wales	439
p) The Law Relating to the International Protection of Human Rights	441

	Reference Nos. of Courses
q) The Law Relating to Housing in England and Wales	440
r) The Law Relating to Civil Liberties in England and Wales	438

A student will be required to take Jurisprudence and Legal Theory, and other subjects to the value of three units. For this purpose each subject from *b)* to *n)* has the value of one unit; subjects *o)* to *r)* have each the value of a half unit. A student may choose two half-unit courses, but not more. The subjects for half-unit courses may be changed from year to year.

Courses in certain subjects (such as *l)* and *m)*) will not necessarily be available every year.

A student is eligible to sit for Part II after passing Part I (including, under the new regulations, any referred subject) and after satisfactory attendance at relevant courses over at least one academic year.

Degrees of Bachelor of Arts and Bachelor of Science

The School registers students for the B.A. degree with honours in History, Language Studies, Philosophy and Economics, and Sociology, and for the B.Sc. degree with honours in Geography, Mathematics, Social Anthropology, Social Psychology, and Sociology. In Sociology the courses and examinations for Branches I and III of the B.Sc. degree are identical with those for the B.A. degree. In the case of Geography the School co-operates with King's College in a joint school in which a full course is provided. In the case of the other subjects arrangements are made for students to attend such intercollegiate courses as may be necessary.

Applicants for admission to all these degree courses must satisfy the entrance requirements of the University of London, which are determined by the Faculty in which a degree is awarded. In addition, candidates must satisfy the appropriate 'course requirements'. Details of these requirements may be found on pages 122–3 and 125–7. Applications for admission from graduates will be considered on their merits.

The approved course of study for these degrees extends over three academic years except for the B.A. degree in Language Studies, which extends over four years, one of which is spent abroad.

B.Sc. in Social Anthropology

This degree is offered only at the London School of Economics.

Under new regulations introduced by the University for college-based degrees, the School devises its own courses and assigns to each of them a value expressed as a number of course units, a course unit being 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 a student must complete to the satisfaction of the School courses valued at a minimum of nine course units. In addition he must take at the end of the third year an examination consisting of a general paper in Social Anthropology.

Teaching is arranged in courses of study each of which lasts a year. Students take three courses in each year. In the second and third years a number of alternatives may be chosen. Each course will usually be examined at the end of the year in which it is taken. The class of degree awarded will depend on the level of performance attained over the three years, and will not rest, as in the past, almost entirely on a Final examination.

The courses are as follows:

	Course Units	*Reference Nos. of Courses*
Part I		
1. Social Anthropology: A general introduction to the whole field of social anthropology, along the lines of the B.Sc. (Econ.) Part I course in Social Anthropology, but with greater attention paid to theory and methods	1	640, 649
2. Race and Culture: Outlines of human evolution and culture history as they bear on the study of society	1	641, 641a
3. Elementary Ethnography: Study of ethnographic texts on selected primitive and peasant societies	1	642, 642a
Part II		
1. Studies of Kinship: Family, kinship and marriage in primitive and other non-industrial societies, with some attention to industrial societies	1	643, 643a
2. Political and Economic Institutions: The political, economic and legal organisation of primitive and other non-industrial societies; problems and analysis	1	644, 644(i)a, (ii)a
3. *One* of the following alternatives:	1	
(*a*) Statistical and Survey Methods of Social Investigation		916, 916a, 935, 935a
(*b*) Elements of Economics: an elementary course in economic analysis		21, 21a, 22(i), (ii)
(*c*) Theories and Methods of Sociology: a course in the sociological approach to society		830, 831b, 832
(*d*) Psychological Approaches to the Study of Society: Psychological Anthropology. Psychological approaches to the study of culture, personality and language		703, 708

	Course Units	*Reference Nos. of Courses*
Part III		
1. Magic and Religion:		
The study of religious beliefs and ritual systems of primitive and other non-industrial societies	1	645, 645a
2. *One* of the following alternatives:	1	
(*a*) Advanced Ethnography: the advanced study of selected primitive and other non-industrial societies		646, 646a
or		
(*b*) Anthropological Linguistics:		
(i) Elementary Linguistics		360, 360b
(ii) Application of Linguistic Theory to Anthropological problems		647, 647a
3. Advanced Theory of Social Anthropology:		
The advanced study of social anthropological theory and method; the development of social anthropology	1	648, 648(i)a, (ii)a

In addition there will be a general paper in Social Anthropology that will test the candidate's knowledge of the whole field of social anthropology covered by the degree course.

Students will not be allowed to proceed to Part II or Part III without having taken Part I.

B.Sc. Geography

All registrations for the B.Sc. degree in Geography at the London School of Economics are made in the Faculty of Science and comply with the regulations of the University of London. The B.Sc. degree is college-based; syllabuses vary from one college to another and the curriculum summarised below applies only to students registered at the London School of Economics. Courses are given in the Joint School of Geography at King's College and L.S.E. and students are taught in common by teachers from both colleges. However, separate teaching arrangements for part of the B.Sc. degree reflect differences in syllabus between the colleges and all students must take care to identify the courses needed to complete their specific degree requirements.

The syllabus is arranged on a basis of course units. One course unit is defined as a third of the amount of work which a student may reasonably be expected to complete in a year. It normally involves 50–70 hours of formal instruction and private study under guidance from course teachers. Students taking the B.Sc. in Geography at the London School of Economics are advised to take a total of ten course units over three years. Not more than four course units may be taken in the

first year. A course is usually examined at the end of the year in which it is taken, though some second-year courses may not be examined until the end of the third year of study. The class of degree awarded depends on the level of performance attained in each of the three years and the assessment of candidates does not rest entirely on formal examinations.

The B.Sc. degree allows much freedom of choice in the selection and combination of courses. The optional subjects available allow for considerable specialisation in either the systematic or regional branches of Geography. Outside Geography, up to three course units may be chosen from other subjects, drawing from a wide range that includes Anthropology, British History, Demography, Economics, Economic History, International History, Geology, Mathematics, Modern Languages, Sociology and Statistics. Students will select courses for individual programmes of study after consultation with members of staff.

Field work is required of all students. The compulsory field courses normally last for a week and are taken annually in each of the Easter vacations. Certain course units in Geography involve additional field work.

The pattern of courses is as follows:

	Course Units	**Course Unit Numbers**	*Reference Nos. of Courses*
First Year			
Physical Geography	1	**111**	183
Human Geography	1	**113**	185–6
Spatial Analysis—I	1	**191**	187
One course unit outside Geography (see List C)	1	—	—
Field Studies (continued in 2nd and 3rd years)	½	**600**	—
Second and Third Years			
Compulsory courses			
British Isles	1	**205**	190
Any systematic course or courses from List A below	1	—	—
Any regional course or courses from List B below	1	**600**	—
Field Studies (continued)			
Optional courses			
Candidates must choose additional courses to bring their total number of course units up to 10 though, exceptionally, this total may be exceeded.			
The additional options may include:			
(i) Any other courses from Lists A or B			
(ii) Not more than 2 course units from List C (courses outside Geography)			—
(iii) An independent Geographical Essay on an approved topic of not more than 5,000 words			

	Course Units	**Course Unit Numbers**	*Normally Taken in Year*	*Reference Nos. of Courses*
List A				
1. Advanced Geomorphology—I	1	**260**	2	199, 202
2. Advanced Geomorphology—II (*Advanced Geomorphology I or II is normally a prerequisite for III*)	½	**361**	3	200, 200a, 202
2a. Advanced Geomorphology III	½	**362**	3	201, 202
3. Meteorology and Climatology	1	**266**	2	203, 203a
4. Climatic Change (*Meteorology and Climatology is normally a prerequisite for these papers*)	½	**367**	3	204, 204a
5. Urban Climates (*Meteorology and Climatology is normally a prerequisite for these papers*)	½	—	3	–
6. Economic Geography—I	½	**481**	2 or 3	205, 205a, 208
7. Economic Geography—II	½	**482**	2 or 3	206, 206a, 208
8. Economic Geography—III	½	**483**	3	207, 207a, 208
9. Social Geography	½	**497**	2 or 3	210
10. Urban Geography	½	**395**	3	211
11. The Urban System	½	**496**	2 or 3	212
12. Geography of Rural Settlement	½	—	2 or 3	213
13. Historical Geography: British Isles	½	**485**	2 or 3	214(i),(i)(a)
14. Historical Geography: Western and Central Europe	½	**486**	2 or 3	214(ii)
15. Biogeography—I	½	**475**	2	215
16. Biogeography—II (*Biogeography I is normally a prerequisite for II*)	1	**476**	3	216
17. Geography and Planning	½	**498**	3	217
18. History of Geographical Science and Discovery—I	½	—	2 or 3	218
19. History of Geographical Science and Discovery: Polar Exploration	½	**455**	2 or 3	—
20. Political Geography—I	½	**491**	2 or 3	219
21. Political Geography—II (*Political Geography I is normally a prerequisite for II*)	½	**492**	3	220
22. Mathematical Geography and Surveying—I	1	—	2 and 3	—
23. Mathematical Geography and Surveying—II	1	—	2 and 3	—
24. Man and his Physical Environment (by permission)	½	**465**	2 or 3	184
25. Spatial Analysis—II	½	**292**	2	188
26. Regional Analysis	½	**480**	3	209, 209a

	Course Units	**Course Unit Numbers**	*Normally Taken in Year*	*Reference Nos. of Courses*
List B				
1. Africa—I	½	**441**	2	191
2. Africa—II (*Africa I is normally a prerequisite for II or III*) *or*	½	**342**	3	192
3. Africa—III	½	**343**	3	193
4. Europe: General	½	**411**	2 or 3	194(i)
5. Western Europe[1]	½	**412**	2 or 3	194(ii)
6. West Central Europe[1]	½	**413**	2 or 3	194(iii)
7. West Mediterranean Europe[1]	½	**414**	2 or 3	194(iv)
8. Northern Europe[1]	½	**415**	2 or 3	194(v)
9. East Central Europe[1] *N.B. Maximum on Europe 1½ course units*	½	**416**	2 or 3	194(vi)
10. U.S.S.R.	½	**431**	2 or 3	195
11. Monsoon Asia	½	**430**	2 or 3	196
12. Latin America	½	**423**	2 or 3	—
13. North America—I	½	**421**	2	197, 197a
14. North America—II (*North America I is normally a prerequisite for II*)	½	**322**	3	198, 198a
15. Middle East	½	—	2 or 3	—
16. Australia and New Zealand	1	**451**	2 or 3	199

In special cases students may be able to take courses available at colleges outside the Joint School with the permission of the convener of the department.

List C **Courses outside Geography**	*Course Units*	**Course Unit Numbers**	*Reference Nos. of Courses*
Anthropology			
1. Introduction to Social Anthropology	1	**180/037**	640, 640a
2. Race and Culture	1	**180/036**	641, 641a
3. Elementary Ethnography	1	**180/403**	642, 642a
Economics			
51. Elements of Economic Analysis	1	**340/001**	21, 21a, 22(i), (ii)
52. Economics (*C51 is a prerequisite for C52*)	1	**340/002**	27, 27a

[1]Students taking this subject must also attend Course No. 194(i) Europe: General.

	Course Units	**Course Unit Numbers**	*Reference Nos. of Courses*
History			
101. Industrialisation and the International Economy since 1830	1	**480/100**	261, 261a
102. English Economic History in its European Background from 1700 to the Second World War	1	**480/101**	264, 274
103. English History, 1530–1760	1	**480/001**	327, 328
104. Later Modern British History (*C103 is a prerequisite for C104*)	1	**480/002**	329–30
105. International History, 1815–1914	1	**480/003**	292, 308
106. International History since 1914	1	**480/004**	293, 308
Mathematics			
151. Basic Mathematics	1	**550/001**	900, 900a
152. Algebra and Methods of Analysis	1	**550/002**	902, 902a
153. Introduction to Analysis and Set Theory	1	**550/003**	903, 903a
Statistics			
201. Elementary Statistical Theory	1	**790/001**	918, 918a
202. Methods of Social Investigation	1	**790/002**	916, 916a, 935, 935a
Geology (King's College)			
Fundamentals of Geology	½	**430/101**	—
Stratigraphical Palaeontology	½	**430/104**	—
Stratigraphy and Sedimentation	1	**430/201**	—
World Stratigraphy	½	**430/202**	—
Economic Geology	1	**430/206**	—
Structural Geology	1	**430/304**	—
Advanced Physical Geology	½	**430/308**	—
Sedimentology	1	**430/307**	—
Oceanography	½	**430/108**	—
Demography			
251. Elements of Demographic Analysis	1	**780/001**	682–3, 684, 684a
Sociology			
301. Elements of Social Structure	1	**780/003**	830, 830a, 832

	Course Units	**Course Unit Numbers**	*Reference Nos. of Courses*
Social Administration			
303. Social Administration (*Elements of Economic Analysis is a prerequisite for Social Administration*)	1	**780/004**	720–1, 723, 725
Language Studies			
351. French I	1	**750/001**	By arrangement
International Relations			
401. The International Political System	1	**—/001**	581

Other courses may be taken by arrangement with the departments concerned and with the approval of the department of Geography.

B.A. Honours in History (Mediaeval and Modern)

The examination will consist of ten papers:

	Reference Nos. of Courses
1. English History down to the end of the 14th century	325–6
2. English History from the beginning of the 15th century to the middle of the 18th century	327–8
3. British History from the middle of the 18th century	329–30
4 and 5. *Two* of the following papers:	
(*a*) European History from 400 to 1200	332
(*b*) European History from 1200 to 1500	331–2
(*c*) European History from 1500 to 1800	291, 334
(*d*) European History from 1800 (This paper will include questions on the relations of Europe with the rest of the world)	292–3, 333
6. History of Political Ideas—European (i) Ancient and Mediaeval and (ii) Modern	335–6
7. An Optional Subject	263–4, 294–5, 297, 299, 337–9
8 and 9. A Special Subject	340–2

10. One paper containing passages for translation into English from the following languages: Greek, Latin, French, German, Italian, Spanish. Candidates will be expected to translate three passages from at least two languages. They will be permitted to bring dictionaries for use in the examination. Passages will also be set in Dutch, Portuguese, Russian, Sanscrit, Pali, Persian, Arabic, Hindi, Urdu, Bengali, Marathi, Tamil and Sinhalese if candidates when submitting their entry forms notify the University of their intention to offer any of these languages. Candidates may not, however, offer both Hindi and Urdu. Permission may be granted to offer another language in place of one of the foregoing, provided that candidates apply for such permission not less than six months before the examination.

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 of English Economic History; Modern English Constitutional History from c. 1530–1914; and Diplomatic History, 1814–1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464–1512; The Economy of England, 1350–1500; and The Eastern Question, 1875–1881.

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.

The total number of places at the School for degrees in Language Studies is small, and all other things being equal preference is given to applicants for entry to combined courses in linguistics and one modern language. Entry to any particular two-language combination amongst those mentioned may not be possible in any given year.

Emphasis in the department is on the linguistic and social rather than on the aesthetic and literary aspects of languages, 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 their penultimate year.

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 Nos. 360–404).

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

	Reference Nos. of Courses
1. Principles of Linguistics, descriptive, comparative and historical	360, 360a
2. General Linguistic Theory I: grammar, semantics	360, 360a, 362
3. General Linguistic Theory II: phonetics, phonology	361, 361a, b

	Reference Nos. of Courses
4 and 5. *Two* of the following:	
(*a*) Historical Linguistics	363
(*b*) Linguistics and Language Teaching	—
(*c*) Sociolinguistics: language and the community	364
(*d*) Psycholinguistics: language and the individual	—
(*e*) Phonetics	—
(*f*) Linguistic Typology and Language Classification	—
6. Translation from and into French	369, 372
7. Essay in French	369, 370
8. History of the French Language	366
9. Nineteenth and Twentieth Century French Literature	367, 368, 368a, 374
10. A special subject in French	375

There is also a practical test in Phonetics and a French oral examination.

German and Linguistics

	Reference Nos. of Courses
1. Principles of Linguistics, descriptive, comparative and historical	360, 360a
2. General Linguistic Theory I: grammar, semantics	360, 360a, 362
3. General Linguistic Theory II: phonetics, phonology	361, 361a, b
4. Translation from and into German	384–5
5. The German Language and *four* of the following, including at least *one* chosen from papers 6–11, and at least *two* from papers 12–15	383
6. Historical Linguistics	363
7. Linguistics and Language Teaching	—
8. Sociolinguistics: language and the community	364
9. Psycholinguistics: language and the individual	—
10. Phonetics	—
11. Linguistic Typology and Language Classification	—
12. Essay in German	386
13. The Middle High German Classical Period	—
14. German Literature, 1830 to the present day	388
15. The Age of Goethe	—

There is also a practical test in Phonetics and a German oral examination.

B.A. Honours (Combined Subjects) in two Modern Languages

The School provides teaching at present in French/Spanish, French/Russian, German/French, German/Russian and German/Spanish. Syllabuses for these courses, where already approved, are given in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students.*

B.Sc. Mathematics

The course of study is designed to give students a sound education in Pure Mathematics and also to give an opportunity for developing an interest in and knowledge of some branch of the social sciences or of a field of study with an important bearing on the social sciences. It is already possible to combine mathematics with statistics, computing or econometrics and there may be opportunities to combine mathematics with other fields of study depending on the students' interest and initiative.

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

The examination is divided into two parts, and a candidate is required to pass Part I before he enters for Part II.

Part I
The examination consists of five papers, as follows:

	Reference Nos. of Courses
1. Introduction to Mathematical Economics	23, 23a
2. Introduction to Analysis and Set Theory	903, 903a
3. Algebra and Methods of Analysis	902, 902a
4. Further Algebra and Theory of Probability	904, 904a
5. *Either* (*a*) Elementary Statistical Theory	918, 918a, 920
or (*b*) Introduction to Logic	488, 488a

Transfer between B.Sc. in Mathematics and B.Sc. (Econ.)
A candidate who has passed Part I of the B.Sc. degree in Mathematics in the Faculty of Economics may with the approval of the School be permitted to transfer to the B.Sc. (Econ.) degree with direct entry to the course of study and examination for Part II of the B.Sc. (Econ.) degree.

A candidate who has passed Part I of the B.Sc. (Econ.) degree may with the approval of the School be permitted to transfer to the B.Sc. degree in Mathematics in the Faculty of Economics with direct entry to the course of study and examination for Part II of the B.Sc. degree in Mathematics.

Part II
The examination consists of eight papers, as follows:

	Reference Nos. of Courses
1 and 2. Real Variable, Analysis and Mathematical Methods	905, 906, 906a, b, 910, 910a
3. Algebra and Complex Analysis	907, 907a, b, 908, 908a, b, 911, 911a
4. Theory of Probability	909a, b
5, 6, 7 and 8. Any *four* of the following:	
(*a*) Probability, Distribution and Sampling Theory	921–2, 927–8
(*b*) Theory of Statistical Methods	923, 923a, 924, 924a, 926
(*c*) Numerical Methods and Programming	942, 942a, 945, 945a, 946, 946a, 985
(*d*) Elements of Computer Science	940, 940a, 941, 942, 942a, 976, 985
(*e*) Demography II	680, 680a, 681, 684, 684a, 685–6
(*f*) Econometrics	33, 33a
(*g*) Management Data Processing	133, 133a, 947(i)a, (ii)a, 986–9
(*h*) Management Mathematics	921, 949–951a
(*i*) Mathematical Economics I	34, 34a
(*j*) Mathematical Economics II (*This paper may be taken only by candidates taking Mathematical Economics I*)	35

For examination in and after 1971, Econometric Theory and Applied Econometrics will be added to papers 5, 6, 7 and 8.

Subject to the approval of the School students may choose options not included in the above list when they are available.

Students will be required to submit their choice for approval at the end of the session in which they complete Part I.

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.

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.A. Honours in Philosophy and Economics[1]

The examination will consist of eight papers. Candidates must take papers 1, 3, 4, 5, 6, 9 and any two of the papers 2, 7 and 8.

	Reference Nos. of Courses
*1. Modern Philosophy from Bacon and Descartes to Kant	489, 504
*2. Epistemology and Metaphysics	490, 494, 499, 503
*3. Logic and Methodology	485–8

[1]There will be no new registrations for this degree after October 1969.

	Reference Nos. of Courses
4. *Either* (*a*) Ethics	—
or (*b*) Political Philosophy	—
or *(*c*) Moral and Political Philosophy (*Students at the School are advised to take this option rather than* 4 (*a*) *or* 4 (*b*)	495, 501, 510, 512, 514–5, 835
5. Economic Principles	21–2, 28(i), (ii), (vi), (i)a, (ii)a, 29
6. Problems of Applied Economics	28(iii)–(v)a
7. History of Economic Thought	30, 30a
8. Modern Economic History, *c.* 1850–1939	260, 260a
9. *Either* (*a*) An Essay (Topics will be selected from the syllabuses of all papers, including 9 (*b*) and 9 (*c*))	—
or *(*b*) Philosophy of the Social Sciences	487, 500
or *(*c*) The Philosophy and History of Science	486, 492, 495, 507
(*d*) Dissertation on a subject selected by the candidate in his final year, with the approval of the School. It should normally be of 5,000 words, with a maximum of 7,500, and must be submitted through the School by 1 May preceding the Final examination	

* For students at the School the syllabus of this paper is identical with that of the corresponding paper in Part II of the B.Sc. (Econ.) special subject XVI Philosophy.

The examiners shall be at liberty to test any candidate by means of oral questions.

B.Sc. Social Psychology

The B.Sc. in Social Psychology is especially concerned with the study of individual and social behaviour and differs in its emphasis from many other degrees in psychology. While teaching general psychology in depth, the course for the degree gives more prominence than is customary to the study of social psychology and personality and seeks to integrate these fields with general psychology as well as with an understanding of society derived from sociology and anthropology.

The degree covers the study of learning, perception, thinking, emotion and language, personality and child development, the social psychology of attitudes, and groups and organisations.

To allow candidates for the degree maximum flexibility in their choice of subject it is organised on the basis of course units and candidates are normally required to complete eleven of these during the three years. There is considerable variation in the amount and form of teaching which makes up a course but as a general rule one which has a value of one course unit will take up fifty to seventy hours of formal teaching and private study under the guidance of a teacher.

Most courses in psychology include work in the laboratory or the field. Candidates will be required to undertake field work in two vacations; it might take the form of working with a member of staff on his research or gaining experience in a relevant institution. In the final year each candidate is required to carry out a research project under the supervision of a member of staff.

About a quarter of a candidate's time will be spent on subjects outside psychology. Since the study of society and its institutions is an essential part of the training of a social psychologist, all students are required to take courses in sociology and/or anthropology. In the second year the candidate can take, after consultation with his tutor, either further courses in sociology or anthropology or study in other fields e.g. philosophy, economics, mathematics, or urban geography.

In addition to the courses set out below a candidate for the degree is required to attend a small number of courses on specific topics such as statistics, the history of psychology and the methodology of the social sciences; these courses are designed to enable a candidate to see social psychology in proper perspective. They will not be separately examined.

The normal structure of the course for the degree will be as follows: in the first year a candidate will take courses valued at four course units, one-and-a-half of these being in subjects outside psychology. In his second year a candidate will again take courses valued at four course units, one of these, valued at half a unit, will be from outside psychology. In the third year the candidate takes a course in which an area of study is examined on an interdisciplinary basis. The candidate is also able to select within psychology from a variety of options offered. Some of these options may be taught at other colleges of the University of London and will be open to candidates for the B.Sc. in Social Psychology at the discretion of the teachers concerned with the courses.

The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and final years. Less weight will be given to the assessment of performance in the first year.

The courses are as follows:

	Course Units	*Reference Nos. of Courses*
First Year		
1. Biological Foundations of Psychology	½	702
2. Introduction to General and Social Psychology	1	700, 700(i)–(iv)a, 743
3. Foundations of Experimental Psychology	1	701, 701a, 917
4–6 Courses in other disciplines (a list will be available at the beginning of each session)	1½	640, 830, 832
Second Year		
1. Personality, Motivation and Development	1	
2. Perception and Skill	1	
3. Social Psychology: Attitudes and Cognition	½	
4. Methods and Assumptions of Social Psychological Research	½	

	Course Units
5. Learning, Remembering and Thinking	½
6. Courses in other disciplines (a list will be available at the beginning of each session)	½

Third Year

1. Advanced Social Psychology	1
2. Research Project *or* Dissertation	½
3–5 Optional Studies: to be selected from	1½

(*a*) Selected problems as viewed from the standpoint of Psychology and one other discipline *e.g.* Sociology, Linguistics, Social Anthropology, Statistics (a list will be available at the beginning of each session)
Some of these options will be taught on an intercollegiate basis and not every option will be offered each year

(*b*) Options within Psychology:
Advanced Studies of:
Communication, Attitude Change and Innovation
Language, Thought and Communication
Social Psychology of Industrial and other Organisations
Personality and Child Development
Groups and Group Functioning
Social Psychology of Education
Social Psychology of Conflict
Psychological Measurement
Clinical Psychology
Comparative Psychology
Developmental Psychology
Experimental Psychology

Some of these options will be taught on an intercollegiate basis and not every option will be offered each year.

Degree of Bachelor of Science (Sociology)

Students who have obtained the B.A. Honours degree in Sociology or the B.Sc. (Econ.) degree with special subject IX Sociology or special subject XIII Social Anthropology at Part II of the examination will not be permitted to proceed to the B.Sc. (Soc.) degree.

Two Branches of the degree are taught at the School, Branch I and Branch III. There will be no new registrations for Branch II; each Branch constitutes a distinct course.

Branch I

	Reference Nos. of Courses
The examination will consist of ten written papers as follows:	
1. Theories and Methods of Sociology	830, 830a, 832, 836, 839–41
2. Statistical Methods in Social Investigation	855–6, 917, 917a, b, 935
3. Comparative Social Institutions	640, 842, 842a
4. Ethics and Social Philosophy	834–5, 837a, b
5. Social Psychology	700(i), (ii), 703, 706b, 707b, 743
6. Economics	21–2, 27, 27a
7 and 8.	
Either	
(*a*) Social Structure of Modern Britain (2 papers)	266, 843, 843a, 844
or (*b*) Graeco-Roman Civilisation (2 papers)	845, 845a, b
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	846, 846a
(*b*) Social Policy and Social Administration	720–2, 724–5, 739
(*c*) Comparative Morals and Religion	847, 847a
(*d*) Criminology	851–4
(*e*) Demography	682–3, 684, 684a, 871
(*f*) Political Sociology	848, 848a
(*g*) Industrial Sociology	348, 849, 849a, 850
(*h*) General Principles of Cultural and Social Anthropology	640, 649

Branch II[2]

The examination will consist of ten written papers as follows:	
1. Theories and Methods of Sociology	836, 839–40
2. Comparative Social Institutions	842, 842a
3. Ethics and Social Philosophy	835, 837b
4. Economics	27, 27a
5. General Principles of Cultural and Social Anthropology	643, 649, 847, 847a
6. Economic and Political Systems	644
7. Moral and Ritual Systems	645
8. Ethnography of a Special Area	646, 650, 650a
9. Development of Social Anthropology (with special reference to selected texts)	648

[1]There is no teaching for this subject at the School.
[2]Only for students registered before October 1969.

	Reference Nos. of Courses
10. *One* of the following:	
(*a*) Social Psychology	703, 707b, 743
(*b*) Demography	682–3, 684, 684a
(*c*) Statistical Methods in Social Investigation	855–6, 917, 917a, b, 935
(*d*) Social Structure and Social Change	846, 846a

Note: In addition students are advised to attend Course No. 642.

For Branches I and II 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.

Branch I. The Part I examination will consist of 2. Statistical Methods in Social Investigation, 4. Ethics and Social Philosophy, and 6. Economics.

Branch II. The Part I examination will consist of 3. Ethics and Social Philosophy, 4. Economics, and 8. Ethnography of a Special Area.

The examiners shall be at liberty to test any candidate by means of oral questions.

Branch III The examinations will be as follows:

A. Preliminary examination

Before proceeding to the final examination candidates will be required to satisfy the examiners in the preliminary examination held at the end of the first year of study.

The examination will consist of two written papers:

(*a*) British Social History in the 19th and 20th Centuries

and

(*b*) British Political, Administrative and Legal Institutions

In drawing up the Pass List, examiners will consider reports on candidates' work in all subjects during the session. The preliminary examination will not count for Honours. No candidate may present himself for the final examination until two sessions have elapsed since successful completion of the preliminary examination.

B. Final examination

The final examination will consist of seven written papers and a dissertation:

	Reference Nos. of Courses
1. British Social History in the 19th and 20th Centuries	733, 733a, 734
2. British Political, Administrative and Legal Institutions	417, 735–6, 736a
3. Economics	20, 42, 739–40, 741b
4. British Social Policy and Administration	426, 720–5, 747

	Reference Nos. of Courses
5. Social Investigation[1]	856, 917, 917a, b(i), 935, 935b
6. Social Theory[1]	737, 737a, 746d, 830, 832–3, 843
7. *One* of the following:	
(*a*) Central and Local Government Administration	527, 531, 546, 726
(*b*) Social Structure and Social Policy in Societies undergoing Industrialisation	7, 8, 651, 729b, 730, 846
(*c*) The Structure of Social Security	—
(*d*) The Family in Law and in Society	738, 738a
(*e*) Industrial Sociology	348, 849, 849a, 850
(*f*) Criminology	851–4

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.

B.A. Honours Degree in Sociology

For Branches I and III this degree is identical, except in title, with the B.Sc. (Soc.) degree described on pages 206–209.

[1] These papers will include questions on Psychology. Students should refer to Courses Nos. 700(i), (ii), 703, 744, 745a.

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

ACCOUNTING

Institute of Chartered Accountants

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, City House, 56–66 Goswell Road, London, E.C.1.

Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's intermediate examination provided that they pass the final degree examination at the first attempt. 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 *The Universities and the Accountancy Profession* (obtainable from the Institute and also from the Registry 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 compelled 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).

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 and II of the Professional Examination and to certain additional exemptions from papers in Sections III and IV 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, W.C.1.

Institute of Cost and Works Accountants

B.Sc. (Econ.) graduates with the special subject of Accounting and Finance are entitled to exemption from the whole of the Part I and Part II examinations of the Institute of Cost and Works Accountants.

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to exemption from the following three subjects of the Institute's Part I examination:

Industrial Administration
Economics
Book-keeping

B.Sc. (Econ.) graduates who have offered Labour, including Elements of Labour Law, and Commercial Law in Part II of the final examination are entitled to exemption from Industrial and Commercial Law in Part III of the Institute's examination.

Institute of Municipal Treasurers and Accountants

The Institute's professional examinations fall into three parts: Intermediate, Final Part A and Final Part B. Holders of a first degree in commerce, economics or administration may obtain exemption from the Intermediate.

Further information may be obtained from the Secretary, Institute of Municipal Treasurers and Accountants, 1 Buckingham Place, London, S.W.1.

LAW

The Bar

The following exemptions from subjects in the first part of the Bar examination may be granted to persons who have passed the Intermediate and Part I examinations for the LL.B.:

(*a*) from Constitutional Law on passing in Public Law I and English Legal System;
(*b*) from Law of Contract and Tort on passing in the two papers in Contract and Tort at Intermediate and in the combined paper at Part I;
(*c*) from Legal History on passing English Legal System;
(*d*) from Land Law on passing Law of Property I and II.

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 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; dependent upon the result, the period of articles may be reduced to two years. Further details may be obtained from The Law Society, 113 Chancery Lane, London, W.C.2.

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 the Joint Preliminary Examination in Mathematics and from certain papers in other parts of 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, W.C.1.

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 Applied Social Studies

(5) Diploma for Social Workers in Mental Health

(6) Diploma in Statistics

Candidates for any of these diplomas may register as associate students of the University, which, in the case of non-matriculated students, necessitates the payment of a registration fee of 10s. 6d.

(1) Diploma in Development Administration

The London School of Economics and Political Science, with support from the Ministry of Overseas Development, 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 organisation 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 normally include Local Government and Community Development and Aims and Methods of Governmental Planning. 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 283–4 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, Aldwych, London, W.C.2.

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. Normally the subject chosen will be:

either Local Government and Community Development *or* Aims and Methods of Governmental Planning

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 any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified 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:

	Reference Nos. of Courses	
	U.K.	Overseas
1. Social Policy and Administration	417, 720–3, 725, 731–2	8, 720–3, 725, 727–9, 731–2
2. The Economic and Social Background to Social Policy and Administration	20, 26, 42, 739, 741a, 916, 935	20, 83, 640, 651, 741a
3. Psychology and Social Structure	700(i), (ii) 742–4, 745b, 746b, 830, 832, 843, 851, 853	700(i), (ii), 743–4, 745b, 746b, 830, 832, 851

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 can 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 any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself

to be qualified 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:

	Reference Nos. of Courses
1. Elements of Social Analysis	742, 746a, b, 830, 832, 843, 851, 853
2. Social Policy and Administration	262, 417, 426, 720–3, 725, 731–2
3. Psychology	700(i), (ii), 743–4, 745b
4. Social Economics	20, 26, 42, 739, 741a, 916, 935

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 any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified 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 one-year course of full-time study for men and women intending to seek employment as Personnel Officers. The course will be for a calendar year, starting with a month's practical work in industry in September and finishing with the examination for the Diploma at the end of the following August.

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, and only those who reach the required standard will be called for interview. All applicants who are exempt from the entrance examination will be given an interview. Applicants resident overseas must be university graduates or have a social science diploma, and they must also 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.

Any person (with the exception of overseas applicants) desiring to enter the School as a regular student must apply by 1 June preceding the session for which admission is desired, but if vacancies are available, later applications from university graduates will be considered. Interviews will be given during the Easter vacation, however, for candidates who apply by 31 January, and those who are not exempt from the entrance examination will take an examination early in March. A second entrance examination will be held at the end of June, followed by interviews in July.

Candidates who are overseas—other than those resident in India—must apply by 1 January. Candidates in India must apply in the first instance by 1 January to the Secretary, Indian Institute of Personnel Management, Artistry House, 15 Park

Street, Calcutta 16, as this Institute arranges interviews in India for all Indian applicants.

The course 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 has been fortunate in the assistance received from companies and management organisations, which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department. The first period of practical training is in September preceding the first academic term. The Easter vacation is spent in an investigation in industry. A further period of practical training takes place in July after the Summer term finishes. Students return to the School for revision classes in August. The examination is held at the end of August, and a diploma is awarded as evidence of satisfactory completion of the course.

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

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:

	Reference Nos. of Courses
Part I	
Four papers as follows:	
1. The Economics and Organisation of Business Enterprise	20, 25–6, 148, 357, 916, 916a, 948
2. Industrial Relations and Industrial Law	348–51, 353b, 354, 356, 447, 447a
3. Industrial Psychology and Sociology	352b, 761–2, 830, 832
4. Principles and Practice of Personnel Management	760, 760a
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 any candidate who, having completed not less than two of the written papers and the oral examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified 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 Applied Social Studies

The school offers a one-year course in social casework leading to a Diploma in Applied Social Studies. Candidates must already hold a degree, diploma or certificate in the social sciences.

The main subjects of study are human growth and development, social influences on behaviour, the principles and practice of social casework, law and social administration. Consideration is also given to deviations from normal patterns of living created by certain forms of ill health or defect (both physical and mental), by delinquency and by deprivation of family life.

Field work teaching undertaken in various social agencies forms 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 students normally have two field work placements of substantial duration. The second of these is in the field in which they intend to work after qualifying. Students can specialise in general family casework, child care, medical social work or probation. On qualifying they become eligible for membership of the appropriate professional association. Applications from candidates from allied fields are also considered. Holders of the Diploma in Applied Social Studies can usually transfer from one branch of social work to another after a brief period of orientation in the new setting. In addition to working as practitioners in the different fields of social service, social workers who qualify by means of this professional course are in demand for a variety of posts carrying responsibility for teaching, supervision and administration. Students are admitted to the course only on the recommendation of a selection committee. This committee takes into account personal suitability for the practice of social work as well as educational qualifications, experience and age. Preference is given to candidates between the ages of 24 and 35.

Applications will be considered in order of receipt, and in any case not after 31 January in the year in which admission is desired. 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, Aldwych, London, W.C.2. Letters should be clearly marked 'Applied Social Studies Course'.

Regulations

1. There shall be a Diploma in Applied Social 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 have completed field work as prescribed in 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 holds a university degree, diploma or certificate in the social sciences, approved for this purpose by the convener of the department of Social Science and Administration.

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

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

1. Human Growth and Behaviour
2. Casework and Administration
3. Social Work and Social Problems

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 any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified 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 for Social Workers in Mental Health

The School offers a one-year course in social casework leading to a Diploma for Social Workers in Mental Health. The main subjects of study are the principles and practice of social casework, psychiatry and mental subnormality, social influences on behaviour, psychology, child development, law and social administration. Field work teaching undertaken at selected child guidance clinics, psychiatric and general hospitals and local authority departments forms 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 students have normally two field work placements of substantial duration designed

to give experience with both adults and children; field work includes attendance at case discussions and clinical demonstrations.

Students are admitted to the course only on the recommendation of a selection committee. This committee takes into account personal suitability for the practice of psychiatric social work as well as educational qualifications, experience and age. Preference is given to candidates between the ages of 24 and 35.

The Diploma for Social Workers in Mental Health is a recognised qualification for psychiatric social work in child guidance clinics, psychiatric and general hospitals and local authority public health departments, and there are openings in most of the other fields of social work for holders of this diploma. They become eligible for membership of the Association of Psychiatric Social Workers. In addition to working as practitioners in the different fields of social service, social workers who qualify 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. 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, Aldwych, London, W.C.2. Letters should be clearly marked 'Mental Health Course'.

Regulations

1. There shall be a Diploma in Mental Health 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 have completed 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 shall have attained the age of 22 years on or before 1 October of the calendar year in which he is admitted;
and (*b*) he holds a university degree *or* a diploma or certificate in the social sciences;
and (*c*) he has experience of social work or work of a similar nature;
or (*d*) he has attained the age of 25 years and has satisfied the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department, that he is adequately qualified:

(i) by experience of 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. Casework and Administration
3. Mental Disorder

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 third 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 any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified 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.

(6) 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 in subjects other than statistics and 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 completing the Diploma course.

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, Aldwych, London, W.C.2.

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 chosen, subject to the approval of the convener of the department, from the following list:

	Reference Nos. of Courses
1. Statistical Theory	974, 975, 975a
2. Statistical Methods and Inference	927
3. *Either* (i) Mathematics A	914
or (ii) Mathematics B	915–915b
4. Social Statistics and Survey Methodology	926, 935, 970
5. Demography	680, 680a, 681, 684, 684a, 685
6. Management Mathematics	921, 949a, 950, 950a, 951, 951a
7. Economic Statistics	930, 931a, b, 932–3
8. Economics treated Mathematically	32, 32a, 980
9. Any other approved paper	—

A candidate's choice of papers shall be subject to the approval of his teachers.

Candidates will normally be expected to include papers 1, 2 and 3 in their choice unless they can satisfy their teachers that they have already reached the required standard in any of these 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.

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 1968–69, 1,233 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 should 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 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.

N.B.: 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 at 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 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 Office of the Graduate School. 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, Engineering, and Economics.

The M.Phil. may be awarded in the Faculties of Arts, Laws, Science, Engineering, and Economics.

The M.Sc. may be awarded in the Faculties of Science, Engineering, 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 Academic Postgraduate 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 214–9.

Regulations common to the Ph.D. and Master's Degrees

1. Recommendations for registration must be submitted to the University not later than three months after the date on which the course was 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 register within two months of taking up their course.

A fee of £5 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.

[1]The only branches of this degree for which the School registers candidates are International History and Area Studies.

3. If a student does not begin his course of study within one calendar year from the date of the approval of his registration the approval of his registration will lapse and he must apply again for registration if he still desires to proceed to a higher degree.

4. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. A student upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School and the University.

If 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.

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 whole-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 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 required 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 (11.69 inches by 8.27 inches), except for drawings and maps on which no restriction is placed. A margin of 1½ inches to be left on the left-hand 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, W.C.1.)

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.

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 Faculties of Engineering and Science two calendar years) of full-time training in research and research methods, or

(*b*) a part-time course of training in research and research methods of not less than three academic years.

N.B.: 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 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 Anthropology, 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, but exclusive of bibliography). This regulation does not apply to editions of a text or texts. 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 eighteen months after submission of the form of entry for the examination, his entry will be cancelled and the fee refunded less £4.

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 £15 (on and after 1 September 1970: £17 10s.).

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 £20 (on and after 1 September 1970: £25). Examiners shall not, however, make such recommendation without submitting the candidate to an oral examination.

19. 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.

20. 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) The holder of an approved diploma in certain educational institutions of university rank.

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 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 will be 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 are 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, W.C.1, 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
Economics
Econometrics
Economic History
Geography
Industrial Relations
International History
International Law[1]
International Relations
Operational Research
Logic and Scientific Method
Planning Studies
Politics
Social Administration and Social Work Studies
Social Anthropology[1]
Social Psychology
Sociology
Sociology with special reference to Education[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[1], 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 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 third 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.

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 in a future year.

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 shall have been approved by the Senate.

[1]In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics, Industrial Relations, International History, International Law, International Relations, Operational Research, Logic and Scientific Method, Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Psychology, Statistics. In the following branches of study the examination will take place in September: Demography, Economic History, Geography, Politics, Social Anthropology, Sociology.

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 £4 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.

Candidates who intend to study a particular region in any of the following branches: Economics, Geography, International Relations, Politics, Sociology, may, with the consent of the teachers in the relevant branches substitute for one (or in exceptional cases for two) of the papers prescribed one (or two) papers concerned with their chosen region from one (or two) other branches.[1]

In addition to taking four examination papers, candidates may be required to satisfy a language requirement in a language appropriate to their chosen region.

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.

	Reference Nos. of Courses
1. Economic Aspects of Accounting I—IV	137–9, 149–52, 154–5, 938
2. Economics of Industry	81
3. Management Mathematics	916, 916a, 948, 948a
4. Mathematical Programming	979, 979a, 980
5. Systems Analysis I or II	985–994
6. Any other subject approved by the candidate's teachers[2]	

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:

	Reference Nos. of Courses
1. Demography I	682, 684, 687, 687a, 688, 688a, 690–2
2. Demography II	681, 685, 688, 688a, 689, 689a

[1] 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.
[2] Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Sub-Committee.

	Reference Nos. of Courses
3. *One* of the following:	
(i) Methods of Sociological Study	861, 862, 995, 996, 996a
(ii) Social Structure and Social Change	—
(iii) Economics of Poor Countries and their Development	83, 83a, 84, 85–86a
(iv) Economic Growth Historically Considered	281
(v) Problems of Public Health and Socio-medical Research	871
(vi) Statistical Theory	974, 975, 975a
(vii) Any other subject approved by the candidate's teachers[1]	—

IV. Economics

The examination will consist of four papers as follows:

	Reference Nos. of Courses
1. Economic Theory I	55–56a, 58–60a, 62, 62a
2. Economic Theory II	55–57a, 59–61
3. Methods of Economic Investigation	55–56a, 63, 63a
4. *One* of the following (one paper):	
(i) Advanced Economic Theory I: Theory of Economic Growth	64–6
(ii) Advanced Economic Theory II: Linear Economic Models	65–6

[1] Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Sub-Committee.

	Reference Nos. of Courses
(iii) History of Economic Thought	30, 31(ii), (iii), 67
(iv) Theory of Comparative Cost and Commercial Policy	68, 68a, 70, 70a, 71
(v) Theory of Optimal Decisions	38, 72, 72a
(vi) Labour Economics	73, 73a, 96, 98–9, 351
(vii) Monetary History and Analysis of Monetary Institutions	74–6
(viii) Analysis of Monetary Institutions and Monetary Theory	75–7
(ix) Economics of Public Enterprise	—
(x) Economics of Transport	52, 78
(xi) Public Finance	—
(xii) Economics of Industry	81–2
(xiii) The Economics of Poor Countries and their Development	83–86a, 95
(xiv) Agricultural Economics	87–90
(xv) Economic Aspects of Accounting	137, 137a, 151, 154–5, 938
(xvi) Economic Problems of the Communist World I: Soviet Economic Structure	85–86a, 91–2, 94–5
(xvii) Economic Problems of the Communist World II: Techniques in Normative and Indicative Planning	85–86a, 92–5
(xviii) International Monetary Economics	69, 69a, 71
(xix) Economics of Education and Human Capital	96–9, 970
(xx) Any other field of Economics approved by the candidate's teachers[1]	—

A candidate may, subject to 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.

N.B. In session 1969–70 no teaching will be offered for papers (ix) and (xi).

V. Econometrics

The examination will consist of four papers as follows:

	Reference Nos. of Courses
1. *Either* (i) Quantitative Economics I	100–1
or (ii) Quantitative Economics II	100, 102
2. *Three* of the following:	
(i) Quantitative Economics I (*not if taken under* 1 (i))	100–1
(ii) Quantitative Economics II (*not if taken under* 1 (ii))	101, 102
(iii) Econometric Theory I	105–6, 967, 968
(iv) Econometric Theory II (*available only to candidates taking* 2 (iii))	105–6, 969
(v) Advanced Mathematical Economics I	103–4
(vi) Advanced Mathematical Economics II (*available only to candidates taking* 2 (v))	103–4, 955

[1] Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Sub-Committee.

	Reference Nos. of Courses
(vii) Mathematical Programming	955, 979–80
(viii) Any other subject approved by the candidate's teachers[1]	—

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.

	Reference Nos. of Courses
1. The sources and historiography of Economic History in one of the following periods:	
(i) England 1350–1500	277
(ii) England in the 17th century	263, 278
(iii) Britain 1783–1850	264, 266, 279
(iv) Britain 1900–1950	264, 279
(v) U.S.A. 1890–1929	267(iii), 280
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	281
(ii) Social Structure and Social Change	—
(iii) The History of Science and Technology in Western Europe	
either 1500–1750	—
or 1750–1900	—
(iv) The Economic Geography of the U.S.A.	—
(v) The History of Economic Thought	67
(vi) The Regulation of Industry by Government in the U.S.A.	564
(vii) Elementary Statistics	930
(viii) British Labour History 1815–1939	276

VII. Geography

The examination will consist of four papers as follows:

	Reference Nos. of Courses
1. Modern Geographical Thought and Practice	227
2. Three papers taken in *one* or, in special cases *two*, of the following:	
(i) Economic Geography	Appropriate courses, including Nos. 227–38, 240 will be arranged in consultation with supervisors.
(ii) Historical Geography	
(iii) Social Geography	
(iv) Physical Geography	
(v) Cartography	
(vi) Geography of a Particular Region	

[1] Only subjects organically connected with the candidate's main subject will be considered. Each application requires approval by the appropriate Higher Degrees Sub-Committee.

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.

VIII. 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 four papers or of three papers and an essay of not more than 10,000 words on a topic approved by the School authorities, written during the course of study, as follows:

1. Industrial Relations (two papers)
2. *Two* papers (or *one* paper if an essay is also submitted) in one of the following groups:
   - (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 options selected.

IX. 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:
   - (*a*) 1688–1740
   - (*b*) 1740–1789
   - (*c*) 1789–1815
   - (*d*) 1815–1870
   - (*e*) 1870–1914
   - (*f*) 1914–1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under paper 1:
   - (*a*) 1500–1815
   - (*b*) 1815–1919
   - (*c*) 1919–1946
3. A special aspect to be studied with the appropriate period under paper 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles.

} Courses by special arrangement.

This paper will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers.

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.

X. International Law

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

XI. International Relations

The examination will consist of four papers (one of them an essay paper) and a record of work assigned during the course.

Candidates will be required to choose the four papers from *one* of the following seven general subjects:

	Reference Nos. of Courses
1. International Politics:	
(i) The International Political System (ii) International Institutions (iii) Foreign Policy Analysis (iv) An essay	449, 581–4, 587, 592, 595, 598–9, 601–2, 604, 607, 608a, 609, 617, 624
2. Foreign Policies of the Powers:	
(i) The International Political System (ii) Foreign Policy Analysis (iii) The Foreign Policy of *one* of the following: China France India The Soviet Union The United Kingdom The United States (iv) An essay	581–5, 590, 604, 607–8, 613–4
3. International Institutions:	
(i) Theories of International Institutional Co-operation (ii) International Institutions (iii) *One* of the following: (*a*) The Politics of International Economic Institutions (*b*) The Law of International Institutions (*c*) The Commonwealth (*d*) The International Organs of the Communist World (iv) An essay	467, 587–8, 590, 609, 612–3, 625
4. European Institutions:	
(i) Theories of International Institutional Co-operation (ii) European Institutions (iii) *One* of the following: (*a*) The European Executives (*b*) The Law of European Institutions (iv) An essay	468, 588–9, 611, 625
5. Theories of International Politics:	
(i) The History of International Thought (ii) Theories of International Behaviour (iii) Problems of International Theory (iv) An essay	598–9, 601, 624
6. Strategic Studies:	
(i) War and Crisis in International Relations (ii) Contemporary Strategic Problems (iii) International Thought from Clausewitz to the Present (iv) An essay	593, 593a, b, 594–597a, 618–9, 621

7. International Politics of an approved region: Three papers and an essay on:	*Reference Nos. of Courses*
Either (*a*) Europe *or* (*b*) Africa *or* (*c*) Southern Asia	299, 552–4, 581, 583–5, 590, 592, 604, 607, 611, 613–5

XII. Operational Research

The examination will consist of five papers (or four papers and a report on an approved project) and a record of practical work assigned during the course.

	Reference Nos. of Courses
1. *Either* (i) Statistical Theory	974–975a
or (ii) Design and Analysis of Statistical Investigation	958–9, 966, 966a, 974
2. *Either* (i) Stochastic Processes and Applications	978, 978a, 953, 953a
or (ii) Probability, Stochastic Processes and Distribution Theory	952–954a, 956
3. Mathematical Programming	979–80
4. *Two* (or *one* where a report on an approved project is submitted) of the following:	
(i) Operational Research Methods	486, 486c, 709, 709a, 763, 983
(ii) Management Accounting	137, 137a, 938
(iii) Automatic Data Processing	940, 976, 985, 987–8
(iv) Econometric Theory I	105, 105a, 967–9
(v) Systems Analysis I	985–90
(vi) Systems Analysis II	991–4
(vii) Any other subject approved by the candidate's teachers[1]	—

The choice of subjects in papers 1 and 2, the choice of options and, where relevant, the choice of project to be reported on, must all be approved by the candidate's teachers.

N.B. A knowledge of mathematics, statistics and economics to the level 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.

XIII. Logic and Scientific Method

The examination will consist of *four* of the following:

	Reference Nos. of Courses
1. *Either* (i) Mathematical Logic	491, 491a, 493, 494, 906
or (ii) Elements of Mathematical Logic	488, 491, 491a, 493, 906
2. Advanced Scientific Method	486, 490, 497
3. History of Epistemology	489–90, 494, 497
4. Philosophy of Mathematics	498
5. Foundations of Probability and Statistics	921
6. Selected Topics in the History of Science	492, 495, 502
7. Methodology of the Social Sciences	487, 500

XIV. Planning Studies

Regional and Urban Planning Studies

The examination will consist of three papers and *either* an essay *or* a report of practical exercises.

	Reference Nos. of Courses
1. The Economics of Regional and Urban Planning	28(i), (ii), 107
2. Administration in Regional and Urban Planning	531, 532, 532a, 545, 545a, 547, 547a
3. Geographical Aspects of Regional and Urban Planning	217, 227–8, 239–41
4. *Either* an essay of not more than 10,000 words on an approved topic[2]	
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 should be submitted to the University in September.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

XV. 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:

	Reference Nos. of Courses
1. History of Political Thought	518
2. The Politics and Government of the United Kingdom	539
3. Comparative Government	540
4. Political Sociology	520, 521, 530, 542–4, 833, 836, 839, 848, 869
5. Theory and Practice of Public Administration	9, 532, 532a, 545, 545a, 546, 548–51
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.)	9, 552–5, 557, 562

XVI. 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	*Reference Nos. of Courses*
1. Social Policy and Administration	724, 748
2. *Two* of the following:	
(i) Medical Care	749
(ii) Social Security	750
(iii) Welfare Services	751
(iv) Housing and Town Planning	547, 752
(v) Community Development	727, 729b, 753
(vi) The Sociology of Family Law	—

[1] Only subjects organically connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

[2] Only subjects organically connected with the candidate's own subject will be considered and they will require the approval of the candidate's teachers.

	Reference Nos. of Courses
(vii) Educational Administration	754, 970
(viii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers)[1]	—
3. An essay of not more than 10,000 words on a topic approved by the candidate's teachers	

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.

XVII. Social Anthropology

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

XVIII. Social Psychology

The examination will consist of three papers, a record of practical work and the presentation of a report on a project.

	Reference Nos. of Courses
1. Theories and Concepts of Social Psychology	710–11
2. *Two* of the following:	
(i) Personality and Child Development	716
(ii) Psychology of Language	704, 713
(iii) Groups and Group Functioning	717
(iv) Social Psychology of Industrial and Other Organisations	715
(v) Social Psychology of Conflict	719
(vi) Communication, Attitude Change and Innovation	705, 712
(vii) Social Psychology of Education and Work	—
(viii) Selected Issues in Social Psychology	—

One paper from another branch of the M.Sc. may be substituted for one of the papers under 2, if the candidate's teachers approve.[1]

Essays presented during the year are taken into account in the final assessment at the time of the examination.

XIX. Sociology

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

	Reference Nos. of Courses
1. Sociological Theory	839, 842, 860
2. Methods of Sociological Study	861, 862, 917, 935, 995, 996, 996a
3. *Two* of the following:	
(i) Social Structure of Industrial Societies	863
(ii) Sociology of Education	866
(iii) Sociology of Deviant Behaviour	864
(iv) Sociology of Religion	847, 873

[1] Only subjects organically connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

	Reference Nos. of Courses
(v) Industrial Sociology	351, 352, 352a
(vi) Social Structure and Social Change	—
(vii) Social Structure of Non-industrial Societies	—
(viii) Sociology of Development (with special reference to one region, e.g., Japan or Latin America)	561–2, 867, 872, 874
(ix) Demography	682, 684, 687–8, 690–2
(x) Race Relations	868
(xi) Theories and Concepts of Political Sociology	520–1, 530, 542–4, 836, 848
(xii) Political Stability and Change	520–1, 530, 542–4, 836, 848
(xiii) The Study of Political Behaviour	530, 542–3, 836, 848, 869
(xiv) Medical Sociology	—
(xv) Sociology of Law	—
(xvi) An essay of not more than 10,000 words on an approved topic, to be written during the course	—

Practical work done during the year may be taken into account in the final assessment at the time of the examination.

In exceptional circumstances and by special permission of the School authorities a paper selected from 3 may be substituted for paper 1 or 2.

Candidates wishing to take a paper in Social Psychology as an optional paper in place of one of the above options may, with the approval of the School authorities, choose any one of the subjects offered in the M.Sc. in Social Psychology, but must take the examination at the same time as they take their other papers.

N.B. In session 1969–70 no teaching will be offered for papers (vi), (vii), (xiv) and (xv).

XX. Sociology with special reference to Education

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

XXI. Statistics[1]

The examination will consist of three papers and a record of practical work[2] done during the course. The choice of papers must be approved by the candidate's teachers.

	Reference Nos. of Courses
1. Probability, Stochastic Processes and Distribution Theory	952–954a, 956
2. Statistical Methodology and Inference	957–958a, 967–9, 974
3. Design and Analysis of Statistical Investigation	958–9, 966, 966a, 974
4. Selected Techniques and Model Building	953, 953a, 960–3
5. Econometric Theory I	105, 105a, 967–9
6. Mathematical Programming	979–80
7. Survey Theory and Methods	926, 964–5, 970
8. Educational Statistics	96, 970–971a
9. Mathematics (by special arrangement only)	—
10. Statistical Methods in Psychology (by special arrangement only)	—
11. Demographic Techniques and Analysis (by special arrangement only)	—

[1] In the University regulations for 1969-70. Statistics is Branch No. XXII
[2] Courses 972, 973

12. Any other topic approved by the candidate's teachers[1]

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.

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, W.C.1.

[1] Only subjects organically connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

The Degree of Master of Philosophy (M.Phil.) in the Faculty of Economics

The degree of Master of Philosophy in the Faculty of Economics is awarded by dissertation in the following fields of study:

Accounting and Finance	Geography	Politics
Business Administration	Industrial Relations	Social Administration
Demography	International History	Social Anthropology
Econometrics	International Law	Social Psychology
Economic History	International Relations	Sociology
Economics	Operational Research	Statistics
	Philosophy	

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.

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. A mark of distinction will be placed against the names of those candidates who show exceptional merit. 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 Philosophy (M.Phil.) in the Faculties of Arts and Laws

The M.Phil. by thesis or dissertation is awarded in the Faculty of Arts in:

Social Anthropology
Geography
History
Philosophy
Psychology
Sociology

Candidates for the M.Phil. in Anthropology or Geography will be examined by means of a thesis and an oral examination. In Psychology the University may in certain cases prescribe written papers and/or practical examinations.

The M.Phil. by thesis or dissertation is awarded also in the Faculty of Laws.

After December 1969 mention of the faculty and field of study will not appear on the awards; only the thesis title will appear.

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 paper in each subject. Candidates will be required to pass at one and the same examination in any four of the subjects.

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.

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. Constitutional Laws of the Commonwealth, I
5. Constitutional Laws of the Commonwealth, II
6. Company Law
7. Insurance (excluding Marine Insurance)[1]
8. Marine Insurance[1]
9. Carriage of Goods by Sea[1]
10. Maritime Law (excluding Carriage of Goods by Sea and Marine Insurance)[1]
11. Law of Personal Taxation
12. Law of Business Taxation
13. Law of Mortgages and Charities[1]
14. Law of Landlord and Tenant[1]
15. Planning Law[1]
16. Law of Estate Planning[1]
17. The Law of Restitution
18. Monopoly, Competition and the Law
19. The Principles of Civil Litigation
20. Comparative Law of Contract in Roman and English Law[1]
21. Comparative Criminal Law and Procedure
22. Comparative Conflict of Laws
23. Comparative European Law[1]
24. Soviet Law (*Candidates taking Section B of this subject may not take subject* 25, *Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option for subject* 23, *Comparative European Law*)
25. Comparative Family Law (*Candidates taking this subject may not take Section B of subject* 24, *Soviet Law*)
26. History of International Law[1]
27. Law of International Institutions
28. Law of European Institutions
29. Air and Space Law[1]
30. International Law of the Sea
31. The International Law of Armed Conflict and the Use of Force[1]
32. International Economic Law
33. African Law[1]
34. Hindu Law[1]
35. Muhammadan Law[1]
36. Criminology
37. Industrial and Intellectual Property[1]
38. Legal Aspects of Defence Studies[1]
39. The Law of Treaties[1]
40. Methods and Sources of International Law[1]

[1] These subjects will not be taught at the School in the session 1969-70, but candidates wishing to study one (or in exceptional circumstances, two) of them may take the relevant courses at other colleges while registered at the School.

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:

41. Social Security
42. Sociology of Family Law[1]
43. Social Structure of Industrial Societies
44. Survey Methods[2]
45. Social Statistics
46. The International Political System
47. Problems of International Theory

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 225–227.

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, W.C.1.

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]These subjects will not be taught at the School in the session 1969–70, but candidates wishing to study one (or, in exceptional circumstances, two) of them may take the relevant courses at other colleges while registered at the School.
[2]Not available in 1969-70.

Candidates are required to take the following papers:

(i) History and Principles of Social Anthropology
(ii) Social Structure; Political and Economic Organisation
(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, 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
- (*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)

1969–70

Entry forms for first-degree examinations should be obtained from the Registry (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 the Registry, together with the relevant enclosures. The School will forward all first-degree examination forms to the University. A timetable of the examination is sent to each student by the University 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 1970
Examination begins	4 June 1970
B.Sc. (Econ.) Final, Part II	
Entry closes	1 February 1970
Examination begins	18 May 1970
B.Sc. (Soc.)	
Entry closes	1 February 1970
Examination begins	28 May 1970
B.Sc. Social Anthropology (all years)	
Entry closes	28 February 1970
Examination begins	To be announced
B.Sc. Geography (all years)	
Entry closes	28 February 1970
Examination begins	To be announced
B.Sc. Mathematics, Part I	
Entry closes	1 February 1970
Examination begins	4 June 1970
B.Sc. Mathematics, Part II	
Entry closes	1 February 1970
Examination begins	To be announced
B.A. Final	
Entry closes	24 January 1970
Examination begins	28 May 1970

LL.B.	
Entry closes	1 February 1970
Examination begins	To be announced
M.Sc.	
Entry closes	1 February 1970 for June examination 1 May 1970 for September examination
Examination begins	Either 15 June 1970 or 28 September 1970 according to subject
M.A.	
Entry closes	1 February 1970
Examination begins	15 June 1970
LL.M.	
Entry closes	1 May 1970
Examination begins	7 September 1970
Academic Postgraduate Diploma in Anthropology	
Entry closes	15 March 1970
Examination begins	8 June 1970

Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences with special reference to the development of trade unionism, is primarily intended for persons taking up responsible work in trade union organisations, though applications for admission from other qualified students will be considered. 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 Organisation
(vi) Elementary Statistics and Business Finance
(vii) Industrial Sociology and Psychology

Problems of human relations; the social organisation of industry; industrial relations in overseas territories and the work of international organisations 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.

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 30 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 seven 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 11,500 non-governmental periodicals (of which 4,000 are received currently), it contains some 450,000 controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 9,500 serials (of which 5,700 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 530,000 bound volumes; the total number of separate items is estimated at over a million and three quarters. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries, and in others it is unsurpassed; as a whole it is perhaps the largest library in the world devoted exclusively to the social sciences.

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 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 25s. 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 catalogues and the counter for enquiries and the issue of books. There are seats for 863 readers. Reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 60,000 volumes. The Periodicals Room provides all readers with immediate access to the current numbers of over 600 periodicals. Two 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 29,000 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, and there is accommodation for 133 readers. A leaflet giving details of the Teaching Library services may be obtained at the counter.

The Shaw Library (founded by 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 leaflet *Notes for Readers* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:

(i) Members of the London School of Economics and Political Science, as follows:

(*a*) Governors
(*b*) Honorary Fellows
(*c*) Staff
(*d*) Regular students
(*e*) 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 membership of the Royal Economic Society, the Royal Statistical Society or the London School of Economics Society 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. The fees at present prescribed are, for persons in categories 2 (*a*) and (*c*), £5 5s. 0d. for a permit valid for six months, £2 12s. 6d. for three months or £1 1s. 0d. for one month. 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 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 open normally on all working days during hours prescribed from time to time. They are closed on Sundays and on certain other days as prescribed. (The hours of opening prescribed at present are from 10 a.m. to 5.50 p.m. on Saturdays, and from 10 a.m. to 9.20 p.m. on other days. On Mondays to Thursdays in term for most of the session, part of the Library remains open, with a limited service, to 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.)

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.

9. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

Members of the School staff may borrow books subject to the prescribed conditions.

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

10. Graduate students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff in the event of their being required by other readers.

11. Graduate students of the School 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 Great Britain.

(iii) Graduate students may not borrow more than six books 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 on the last day of term, but they will be subject to recall at any time if required for use in the Library. Books borrowed during the last week of any term 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. Smoking is 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 injures the property of the Library in any way will be required to pay the cost of repairing or replacing the injured 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 must 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, W.C.1). 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 900,000 volumes of books and periodicals, many of which may be borrowed for home reading. There are reading places for about 500, arranged in general reading rooms where there are collections of reference books and bibliographies, and in special rooms for Periodicals, Geography and Maps, Palaeography, 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 private individuals 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 6,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets, and since its establishment three years ago the Secondhand Department has considerably increased and facilitated the flow of secondhand textbooks among the students and staff of the School. Many former students of the School in all parts of the world continue to use the Bookshop's unique mail order service.

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.

The L.S.E.-Weidenfeld and Nicolson Imprint

The School has recently appointed Weidenfeld and Nicolson as its publisher, and books sponsored or initiated by the Publications Committee of the School are now produced under a joint imprint of the School and Weidenfeld and Nicolson. 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 43), or with the Publications Officer.

Books and Pamphlets

In addition to 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.)

Publications of the School

Occasional Papers on Social Administration (G. Bell and Sons Ltd.)
Geographical Papers (Weidenfeld and Nicolson)
L.S.E. Research Monograph Series (Weidenfeld and Nicolson)
A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)
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)
Reprint Series of the Statistics Research Division, L.S.E.
Reprint Series of the Survey Research Centre, L.S.E.
Reprint Series of the Transport Network Theory Unit, L.S.E.

A catalogue of most of these publications, with full details of individual titles and how to obtain them, may be had on application to the Publications Officer at the School.

Student Health Service

Staff

J. C. Read, M.R.C.S.(ENG.), L.R.C.P.(LOND.), L.D.S., R.C.S.(ENG.): Psychiatric Adviser and Senior Health Service Officer
H. N. Levitt, O.B.E., L.M.S.S.A.(LOND.), D.P.H., R.C.S.(ENG.), F.R.C.G.P.: Health Service Officer (Part-time)
Camilla Bosanquet, M.B., B.CHIR.(CAMB.), M.R.C.S.(ENG.), L.R.C.S.(LOND.), D.C.H.(ENG.), D.P.M.; Psychiatric Adviser (Part-time)
Agnes Wilkinson, M.B., CH.B.(BIRM.), M.R.C.P.(LOND.): Psychiatric Adviser (Part-time)
Valerie Little, B.SC.(PHYSIOL.) (LOND.), M.B., B.S.(LOND.), M.R.C.S.(ENG.), L.R.C.P.(LOND.): Special Adviser to Women Students (Part-time)
J. Long, B.SC.(QLD.), M.B., B.S., D.O.(MELB.), F.R.C.S.: Ophthalmic Surgeon
P. Ayling, B.D.S.(EDIN.): Dental Surgeon
J. Skuse, B.D.S.(LOND.), L.D.S., R.C.S.(ENG.): Dental Surgeon
Charlotte Alexander, S.R.N.: School Nurse

The facilities of the Health Service are available free of charge to all students of the School. Dr. Levitt holds a surgery at the School every day during term time. Students are advised to register with a general practitioner in the area in which they are living in term time so as to receive the full benefits of the National Health Service; but they may, in special circumstances and at his discretion, register under the National Health Service with Dr. Levitt. Sister Alexander attends at the School daily during term time and part of the vacation for first-aid and the treatment of minor complaints. During vacation Dr. Levitt is available by appointment at his own practice.

Dr. Read is available both in term time and in vacation to give psychiatric advice to regular students of the School. He is assisted by Dr. Agnes Wilkinson and Dr. Camilla Bosanquet, who work part time at the School. Appointments may be made through the Secretary of the Health Service or directly by letter to the doctor concerned.

Dr. Little is in attendance once a week in term time. Appointments may be made through the Secretary of the Health Service.

The ophthalmic surgeon attends at the School once a week during term time for eye tests, and appointments may be made through the Secretary of the Health Service.

The dental surgeons are in daily attendance. Their services are available under the National Health Service and according to its rates. Appointments may be made with the dental surgeons or 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. Thus 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 or, more likely, because of some natural aptitude for a particular type of work. Many graduates today assume that they are superior to the non-graduate. This is an understandable attitude of mind and graduates are entitled to this self-confidence—provided they accept the need to prove 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. The remainder 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. Some have made a notable contribution in television. 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, banking and commerce, H.M. services. In addition there are many opportunities overseas and in various cultural organisations.

Many graduates enter the educational field, either as school teachers or as lecturers in further educational establishments. For school teaching a teacher-training qualification is desirable and may soon be essential. A further 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, 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 and factory inspectorate. Candidates for the open competition held annually for entry to the administrative class of the home civil service and the diplomatic service must have, or obtain in the same year, at least a second-class honours degree. Alternatively, they must pass a written examination of degree standard. A number of graduates also enters the executive class of the civil service and may hope for later promotion within the service.

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 B.Sc. (Sociology) degree, the B.A. degree in Sociology, 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 or professional 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 212–27.

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 organisations 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. All graduates may qualify as solicitors after three years. 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 have their period of articles reduced from five to three years. They are also given exemption from the professional Intermediate examination, provided that the final degree examination is passed at the first attempt.

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 Appointments Board maintains a permanent careers advisory 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 before entry and after graduation if they so desire.

Students' and Athletic Unions

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 bar and a shop; to represent student interests and co-operate with the School authorities in securing necessary improvements in student welfare (it also co-operates with the National Union of Students and international student organisations); 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, and from *Information for Undergraduate Students* issued to first-year students.

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. Full-time students are also entitled to receive all the services of the National Union of Students, to which the Students' Union is affiliated.

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. organises vacation traineeships for students in many countries and seminars on topics of current economic interest.

The Union magazine *Clare* was founded over fifty 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*.

EXECUTIVE OFFICERS
President, C. J. Pryce
Deputy President, J. H. Rose
Administrative Vice-President, E. M. Tomkinson
Academic Affairs Vice-President, E. R. Parker
External Affairs Vice-President, M. Shaw
Social Vice-President, D. F. Strickland
Welfare Vice-President, Geraldine A. Marshall
General Secretary, R. E. Satchwell
Senior Treasurer, E. G. A. Timms

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 ten shillings, and for any other club, five shillings.

The following clubs are affiliated to the Athletic Union:

CLUB	SECRETARIES
Association Football	A. J. Southworth
Athletics	J. N. Fearn
Badminton	R. I. Mawby
Basketball	—
Boat (Men's)	D. C. Atkinson
Canoe	B. R. Watson
Cricket	D. J. Fatchett
Cross-Country	D. W. Gunstone
Fencing	—
Golf	J. F. Gatti
Gliding	J. A. Southall
Hockey (Men's)	A. Kemp-Welch
Hockey (Women's)	—
Judo	M. A. Capes
Karate	—
Mountaineering	M. S. Whimster
Orienteering	D. J. Parkin
Riding	M. K. Mahajan
Rugby Football	R. P. A. Collard
Sailing	Susan I. Howe
Squash (Men's and Women's)	M. E. Gilbert
Table Tennis	G. Whitehead
Tennis (Men's)	R. D. King
Tennis (Women's)	Elizabeth C. Birks
Weight-Lifting	—
Y.H.A.	Jennifer M. P. Styring

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, a bowling

green and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well-equipped dressing room accommodation.

The Boat Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis, Weight-Lifting 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 Riding Club goes to Wimbledon Common and the Canoe Club has a block booking with the Royal Canoe Club at Teddington.

The Mountaineering and Y.H.A. Clubs have frequent meets in England and a few on the Continent.

EXECUTIVE OFFICERS

President, J. K. Ashcroft
Vice-Presidents, A. J. Pearson, B. J. Rothwell
General Secretary, Susan M. Gee
Assistant General Secretary, Laura Taggart
Treasurer, Sherry Macliver

Graduate Students' Association

All students registered for a higher degree or paying a research fee, automatically become members of the Graduate Students' Association.

The Association is the social centre of the Graduate School, helping the graduate students to meet one another and take part together in various social activities, for most of them have spent their undergraduate days elsewhere, and might otherwise, by the nature of their work, find difficulty in making contacts. It is also active in representing the interests of graduate students in discussions with School authorities on such matters as research facilities and graduate requirements in the Library. There are graduate students' common rooms on the second floor of the Main Building (Rooms 221 and 222), which are open during regular School hours. There are sometimes guest speakers in Room 221 in term time at 4 p.m. on Wednesdays.

An Executive Committee is elected each November and is responsible for administering the common rooms, arranging dances, the annual dinner, and other such events (details of which are posted on the notice board in the common room) and otherwise assisting the members. The Committee will be glad to welcome new members at tea on the first Wednesday in the Michaelmas term, to introduce them to other students and to help them find their way about the School.

All enquiries about the Association's activities should be sent to the Committee, in Room 236.

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 Lodgings Bureau, University of London Union, Malet Street, W.C.1.

The Bureau 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.

Hall of Residence for Men and Women

Passfield Hall

Endsleigh Place, W.C.1.

(Warden: J. A. W. Forge, M.A.)

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 158 students in single, double, and treble study-bedrooms. The fees, including Common Room subscription, are at present £207, £195 15s. 0d. and £184 5s. 0d. 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.

Halls of Residence for Men

Carr-Saunders Hall

Fitzroy Street, W.1.

(Warden: M. Bromwich, B.Sc. Econ.)

Carr-Saunders Hall, a new 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 146 students in single and double study-bedrooms. The fees are at present £219 and £204 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 by 15 May, for admission in the following October.

Commonwealth Hall

Cartwright Gardens, W.C.1.

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 (£210 per session of about 30 weeks) include 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, W.C.1.

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 £210 per session of 30 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, W.C.1.

International Hall accommodates 426 men students. Half the rooms are reserved for British students and half for students from overseas. There are 10 double rooms and 406 single rooms.

Fees: £7 0s. 0d. (single room) and £6 10s. 0d. (for share of double room) per week. 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, W.1. (immediately opposite Gt. Portland St. Tube Station)

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation to men students and club facilities to men and women students from the United Kingdom and overseas. A very full programme is organised and the student adviser helps with problems on welfare, accommodation and personal matters. Visitors are most welcome.

Fees (for long-term residents): £5 6s. 9d. (single room), £4 19s. 9d. (double room) and £4 12s. 9d. (treble room) per week. This includes bed and breakfast only. In addition, a membership fee of 2 guineas a year and a returnable key deposit of £1 are payable.

Early application is advised. Forms may be obtained from the Controller.

Intercollegiate Halls of Residence for Women

These three halls of residence for women students 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, W.C.1.

(Warden: Miss V. McCririck, M.A., L.R.A.M.)

Opened in November 1946, for 218 women students; accommodation is in 212 single and three double study-bedrooms, all with central heating; there are common rooms, a concert hall, chapel, library, games room and squash court. Fees for the thirty-week session: £201–£211 10s. 0d. (for breakfast and dinner, Monday to Friday and full board at weekends).

College Hall

Malet Street, W.C.1.

(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: £196–£206 10s. 0d. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W.1.

(Warden: Mrs. E. Osman, B.A.)

Opened in 1949 for 124 women students and since extended to take 190; accommodation is in 148 single rooms and 21 double rooms, most of them with some central heating; there are common rooms and laundries, a library and game room. Fees for the thirty-week session: £201 (single) and £192 (for share of double) Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

Residential Accommodation for Graduates

London House

Mecklenburgh Square, W.C.1.

London House has accommodation for 350 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 £5 1s. 6d. and £5 5s. 0d. 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 and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the London School of Economics.

Application should be made direct to the Controller, London House, giving as much notice as possible.

William Goodenough House

(The Dominion Students' Hall Trust),

Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 113 postgraduate women students from the British Commonwealth and the United States of America. In addition there are more than 59 self-contained flats for married students.

Fees, including breakfast, are from £4 7s. 9d. to £6 2s. 9d. per week. All other meals are 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.

Application should be made, well in advance, to the Controller, William Goodenough House, Mecklenburgh Square, London, W.C.1.

Lillian Penson Hall

Talbot Square, W.2.

(Warden: P. F. Vowles, M.A. Telephone: 01–262 2081)

Lillian Penson Hall, formerly a large hotel, is a hall of residence for postgraduate men and women students. It includes single and double study-bedrooms, each with private bathroom, telephone extension and central heating; there are also a few flats available for married couples without children. Meals may be bought in the dining room.

Fees cover the rent of rooms only and vary according to the accommodation provided. The rent for a single room is £25 0s. 0d. per month and for a double room £30 5s. 0d. There are some rooms with kitchens or cooking facilities at £35 10s. 0d. or £50 0s. 0d. and a few flats with double bedrooms, sitting room and kitchen at £60 0s. 0d.

Flats for Married Graduate Students

The School has 18 flatlets at 83 and 83a Anson Road and 73 Carleton Road, Tufnell Park, N.7, which are available for letting to married 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 £5 0s. 0d. and £8 0s. 0d. 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.

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, Saffron Hill, Holborn Viaduct, E.C.2, 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 £7 10s. 0d. a week. Application for the flats should be made to the Assistant Bursar of the School.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1969

President, Professor W. A. Robson
Deputy President, —
Life Vice-President, Dr. Vera Anstey
Representatives of the London School of Economics Society on the Court of Governors, Dr. Vera Anstey, W. H. B. Carey, B. Rowntree
Secretary, Dr. Guzine A. K. Rasheed
Entertainments Secretary, Miss H. Marjorie Simpson
Treasurer, J. B. Selier
Editors of L.S.E., P. D. C. Davis, D. J. Kingsley
Auditor, J. W. Smith
Committee Members, The Officers, Editors of *L.S.E.* and Col. F. W. G. Benemy, Miss Ilse T. Boas, Miss Pamela Brain, B. Crack, T. E. Dale, R. N. Hart, Miss Evelyn M. Myatt-Price, Mrs. Diana Oldershaw, Mrs. Kit F. Russell, J. Whyman

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, Eve V. Evans, L. Farrer-Brown, the Director, the Chairman of the Senior Common Room
Secretary, W. S. Collings

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 organisations 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 Deputy Secretary and Bursar of the School will gladly send particulars of the Association on application. The annual subscription is two guineas or one guinea 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.

In this list of courses the following notation has been used:

1 B.Sc. (Econ.) degree. The title of the examination paper to which each course relates is given in *italics*, the number of a special subject in roman numerals, and the number of the paper in arabic numerals and letters of the alphabet; the relevant regulations are set out on pages 172–89 of the Calendar.

2 B.A./B.Sc. Sociology degree. The branch is indicated by I, II or III and the examination paper by arabic numerals and letters of the alphabet. The relevant regulations are set out on pages 207–9 of the Calendar.

3 M.Sc. The branch is indicated by roman numerals and the subject by arabic or small roman numerals. The title of each subject is also given in *italics* and the relevant regulations are set out on pages 238–48 of the Calendar.

General Introductory Courses

1 The Social Sciences: an Historical Introduction
Professor MacRae. Fifteen lectures, Michaelmas and Lent Terms.
Recommended for all first-year students.

2 Introduction to Quantitative Methods in the Social Sciences
Mr Steuer. Five lectures, Michaelmas Term.
Optional for B.Sc. (Econ.) Part I.

Development Administration

Development Administration

5 Introduction to Economic Analysis and Policy

Miss Nevitt. Michaelmas and Lent Terms.
For Dip. Development Admin.

Syllabus The national income: its measurement and composition. Structural changes in the course of growth. The organization of the use of resources. The operation of markets. Employment. The price level. Foreign trade. Government policies.

The following courses are also relevant, and students will discuss with their tutor which of them to attend:
No. 83. The Economics of Poor Countries and their Development
No. 86. Economic Problems of Public Investment and Planning in Underdeveloped Countries

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. 527. British Government and Bureaucracy
No. 531. The Growth and Character of Local Government
No. 545. The Aims and Methods of Governmental Planning

7 Social Structure in Developing Countries

Miss Mayo. Fifteen lectures, Michaelmas and Lent Terms.
For Dip. Development Admin. Optional for B.Sc. (Soc.) Branch III, 7b (third year).

Syllabus Scope and methods of sociology and social anthropology; the description and analysis of social institutions; industrialization and urbanization as processes of social change; population growth and distribution; social control.

Recommended reading R. Firth, *Human Types;* T. B. Bottomore, *Sociology;* L. P. Mair, *New Nations;* E. H. Spicer, *Human Problems in Technological Change,* E. Durkheim, *The Division of Labour in Society;* W. E. Moore, *Social Change;* W. E. Moore, *Economy and Society;* R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society;* T. S. Epstein, *Economic Development and Social Change in South India;* A. H. Halsey, J. Floud and C. A. Anderson (Eds.), *Education, Economy and Society;* A. E. and E. Etzioni (Eds.), *Social Change;* B. F. Hoselitz and W. E. Moore, *Industrialisation and Society;* D. Warriner, *Economics of Peasant Farming;* C. Kerr *et al., Industrialism and Industrial Man;* W. N. Stephens, *The Family in Cross-Cultural Perspective;* A. J. Coale and E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries;* G. Breese, *Urbanisation in the Newly Developing Countries;* A. K. Cohen, *Deviance and Control;* E. R.Wolf, *Peasants.*

8 Social Policy in Developing Countries
Mr Hodge. Nine lectures, Michaelmas Term.

For B.Sc. (Soc.) Branch III, 7b (third year); Dip. Development Admin.; Dip. Soc. Admin., Overseas Option only.

Syllabus The determination and development of social policy and legislation, the development of social administration, forms of social provision in the fields of education, health, community development, new settlements, social security, working conditions and industrial relations, social welfare.

Recommended reading U.N., *Report on the World Social Situation* (1957, 1961, 1963, 1965 and 1967); U.N., *Patterns of Social Welfare Organization and Administration in Africa* (1964); U.N., *Problems of Social Development Planning* (1964); P. D. Kulkarni, 'Social Policy in India' (*The Indian Journal of Social Work*, Vol. 26, No. 3, October 1965); M. King (Ed.), *Medical Care in Developing Countries;* M. Colbourne, *Planning for Health;* R. M. Titmuss and others, *The Health Services of Tanganyika;* A. Curle, *Educational Strategy for Developing Societies;* L. J. Lewis, *Society, Schools and Progress in Nigeria;* T. R. Batten, *Communities and their Development;* D. Brokensha and P. Hodge, *Community Development: an Interpretation;* V. P. Pandey, *Origin, Development and Problems of Village Community Projects in India;* B. C. Roberts, *Labour in the Tropical Territories of the Commonwealth;* I.L.O., *Reports of the Director-General of the First and Second African Regional Conferences* (1960 and 1964); C. Abrams, *Housing in the Modern World;* P. Marris, *Family and Social Change in an African City;* B. N. Rodgers, J. Greve and J. S. Morgan, *Comparative Social Administration;* E. Younghusband, *Social Work and Social Change.*
JOURNALS: *International Labour Review; International Review of Community Development; The Community Development Journal; International Social Development Review.*

The following courses are also relevant to this syllabus:
No. 729 (*a*) Classes: Social Policy in Developing Countries.
No. 729 (*b*) Seminar: Social Policy in Developing Countries.

9 Bureaucracy and Development
Mr P. F. Dawson. Eight lectures, Lent Term.
For Dip. Development Admin.; M.Sc.: *Theory and Practice of Public Administration*, XV 5; *The Politics and Government of Africa*, XV 6.

Syllabus The evolution of bureaucratic organization in developing countries and its relation to political, economic and social conditions.

Recommended reading will be provided at the beginning of the course.

10 Administrative Problems of Development (Seminar)
Tutors to the course. Sessional.
For students of the course in Development Administration. 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

287 **I Undergraduate Courses**

287 Introductory Economics
288 Economics for Specialists
290 History of Economic Thought and Development of Economic Analysis
291 Mathematical Economics and Econometrics
292 Industry and Trade
294 Labour Economics
294 Business Finance
294 Public Finance
295 Monetary Economics
296 International Economics
297 Transport Economics

297 **II Graduate Courses**

297 **A. M.Sc. in Economics**

297 Economic Theory and Methods of Economic Investigation
300 Advanced Economic Theory
300 History of Economic Thought
300 Theory of Comparative Cost and Commercial Policy
300 International Monetary Economics
302 Theory of Optimal Decisions
302 Labour Economics
303 Monetary History, Analysis of Monetary Institutions, Monetary Theory
303 Economics of Public Enterprise
303 Economics of Transport
303 Public Finance
303 Economics of Industry
304 Economics of Poor Countries and their Development
305 Agricultural Economics
306 Economic Aspects of Accounting
306 Economic Problems of the Communist World
307 Economics of Education and Human Capital

309 **B. M.Sc. in Econometrics**

310 **C. M.Sc. in Regional and Urban Planning Studies**

310 **III Graduate Seminars**

310 **IV Additional Courses for Undergraduates and Graduates**

Economics

I Undergraduate Courses

INTRODUCTORY ECONOMICS

20 Introduction to Economics
Professor Wiles. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Soc.) Branch III, 3 (first year); Dip. Soc. Admin. (first year and one-year); Overseas Option (one-year); Dip. Personnel Management; 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 as the lectures proceed.

20(a) Classes
Twelve fortnightly classes, Sessional.

21 Analysis of Contemporary Economics
Mr Steuer. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part I, compulsory subject 1 a *Economics;* B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch I, 6 (first year); B.Sc. (Geog.), C 51; B.Sc. (Soc. Anth.) Part II, 3 b.

Syllabus An introduction to the study of how economies work and how to appraise them. Emphasis will be placed on why the subject is set out the way it is. The lectures will provide enough coverage of traditional material to give students adequate preparation for more advanced courses.

Recommended reading will be given during the course. Standard introductory texts are:
R. G. Lipsey, *An Introduction to Positive Economics*; P. A. Samuelson, *Economics: An Introductory Analysis;* J. R. Hicks, *The Social Framework*.

21(a) Classes
Thirteen fortnightly classes, Sessional.

22 (i) Economic Facts in Search of Theories
Mr Townsend. Five lectures, Michaelmas Term.
For B.Sc. (Soc. Anth.) Part II, 3b; B.Sc. (Geog.) C 51. Optional for B.Sc. (Econ.) Part I; B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch 1, 6 (first year).

Description of course An introduction to economic institutions, structure and resources.

22 (ii) Some Applications of Elementary Economic Analysis
Mr Townsend. Ten lectures, Lent Term.
For B.Sc. (Soc. Anth.) Part II, 3b; B.Sc. (Geog.) C 51. Optional for B.Sc. (Econ.) Part 1; B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch I, 6 (first year).

22 (iii) Economics of Socialism
Professor Wiles and Mr Markowski. Six lectures, Lent and Summer Terms.
Optional for B.Sc. (Econ.) Part I; B.A./B.Sc. (Soc.), Branch I; B.A. (Phil. and Econ.) (first year).

23 Introduction to Mathematical Economics
Professor Hahn. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part I, compulsory subject 1(b) *Introduction to Mathematical Economics;* B.Sc. (Maths.) Part I.

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, *Introduction to Positive Economics;* R. G. D. Allen, *Mathematics for Economists* (selected chaps.).

23(a) Classes
Classes will be arranged.

24 Topics in Applied Economics
Professor Yamey. Eight lectures, Lent Term.

Restricted to Intermediate LL.B. students.

Syllabus The lectures will cover a selection of topics, including the following: 1 the joint stock company; 2 the labour market; 3 monopoly and restrictive business agreements; 4 the banking system.

25 The Structure of Industry
Mr Richardson. Ten lectures, Michaelmas Term.

For Dip. Personnel Management.

Syllabus A survey of the main characteristics of industrial structure and of the influences bearing on them.

Recommended reading D. Needham, *Economic Analysis and Industrial Structure.*

26 The Economics of the Labour Market
Mr Metcalf. Ten lectures, Lent Term.

For Dip. Personnel Management; optional for Dip. Soc. Admin. (second year and one-year).

Syllabus The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. The movement of the general level of rates of pay in money; effects of full employment. National incomes policy. The economics of some institutional labour problems.

Recommended reading P. Ford, *The Economics of Collective Bargaining;* E. H. Phelps Brown, *The Economics of Labor.* Detailed reading will be given at the beginning of the course.

27 Economics
Mr Griffiths and Mrs Sharp. Twenty-eight lectures, Sessional.

For B.Sc. (Econ.) Part II: *Economics*, VI 1; VII 1; VIII 1; IX 1; XII 1; XIII 1; XIV 1; XV 1; XVI 1 (second year); B.A./B.Sc. (Soc.), Branch I, 6 and Branch II, 4 (section (i), second year; section (ii) first year); B.Sc. (Geog.) C 52.

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.

(i) Mr Griffiths. Twelve lectures, Michaelmas and Lent Terms.

National income; stabilization and its problems; the balance of payments. Economic growth.

(ii) Mrs Sharp. Sixteen lectures, Lent and Summer Terms.

Resource allocation: industrial structure. The price mechanism, planning, public and social policy.

27(a) Classes
Fifteen fortnightly classes for day students.

Evening classes will also be arranged.

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
Mr L. Harris will be in charge of arrangements for these courses.

(i) Micro-Economic Theory
Mr Gould. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 1a; III 4; IV 1; V 3; X 1 and 2a; XI 1a; B.A. (Phil. and Econ.) (second year); M.Sc.: *The Economics of Regional and Urban Planning*, XIV 1; M.Sc.: *Accounting and Finance* (preliminary year).

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
Ten classes, Michaelmas and Lent Terms.

(ii) Macro-Economic Theory
Mr L. Harris. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 1a; III 4; IV 1; V 3; X 1 and 2a; XI 1a; B.A. (Phil. and Econ.) (second year); M.Sc.: *The Economics of Regional and Urban Planning*, XIV 1; M.Sc.: *Accounting and Finance* (preliminary year).

Recommended reading D. C. Rowan, *Output, Inflation and Growth;* T. F. Dernburg and D. M. McDougall, *Macro-Economics;* M. G. Mueller (Ed.), *Readings in Macroeconomics.*

(ii) (a) Classes
Ten classes, Michaelmas and Lent Terms.

(iii) Quantitative Methods in Economics
Mr Miller. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Problems of Applied Economics*, i 5; II 6, III 5; IV 6, 7 and 8 b; V 4a; XI 5, 6 and 7 h (i); B.A. (Phil. and Econ.) (second year).

Recommended reading W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); W. T. Dowsett, *Elementary Mathematics in Economics* or G. Tintner, *Mathematics and Statistics for Economists.*

(iv) Problems in the Application of Micro-Economics
Mr L. Harris and Mr Richardson. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Problems of Applied Economics*, I 5; II 6; III 5; IV 6, 7 and 8b; V 4a; XI 5, 6 and 7h(i); B.A. (Phil. and Econ.) (second year).

Recommended reading will be given at the beginning of the course.

(v) Applied Macro-Economics
Mr Miller and Mr Jackman. Thirteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Problems of Applied Economics*, I 5; II 6; III 5; IV 6, 7 and 8b; V 4a; XI 5, 6 and 7h(i); B.A. (Phil. and Econ.) (second year).

Recommended reading J. C. R. Dow, *The Management of the British Economy, 1945–60.*

(iv) (a) and (v) (a) Classes
Twenty-five classes, beginning in the sixth week of the Lent Term for second-year students and continuing in the Michaelmas Term for third-year students.

(vi) International Economics
Dr Hindley. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 1a; III 4; IV 1; V 3; X 1 and 2a; XI 1a; B.A. (Phil. and Econ.) (second year).

29 Introduction to a Mathematical Treatment of Economics
Mr Henry. Ten lectures, Michaelmas Term.

Optional for B.Sc. (Econ.) Part II: *Economic Principles*, I 4; III 4; IV 1; V 3 (second year); B.A. (Phil. and Econ.) (second year).

Syllabus The course, which assumes no more than "O level" mathematics, is intended to help the general student of economics to understand the mathematical formulations used in economic theory. Functions and curves; demand, supply and elasticity; introduction to calculus; applications to the theory of the firm, the consumer and the market; simple difference equations.

Recommended reading G. J. Stigler, *The Theory of Price;* R. G. D. Allen, *Mathematical Analysis for Economists;* J. Parry Lewis, *An Introduction to Mathematics for Students of Economics;* R. G. Lipsey, *An Introduction to Positive Economics;* S. G. B. Henry, *Elementary Mathematical Economics.*

HISTORY OF ECONOMIC THOUGHT AND DEVELOPMENT OF ECONOMIC ANALYSIS

30 The History of Economic Thought

Lord Robbins. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *History of Economic Thought*, I 8c; III 8a; IV 6, 7 and 8c; VIII 3d (third year). Optional for B.A. (Phil. and Econ.) (third year). Useful for M.Sc.: *History of Economic Thought*, IV 4iii (preliminary year).

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;* 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: *Development of Economic Analysis*, I 7; II 3e (third year) and 5e (second year); IV 6, 7 and 8a. Useful for M.Sc.: *History of Economic Thought*, IV 4iii (preliminary year).

(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

Mr Henry. Ten lectures, Lent Term (third year).

(iv) Seminar

Professor Myint. Five meetings, Lent Term (third year).

Syllabus The course is designed to provide a survey of modern economic analysis from an historical and comparative point of view.

Recommended reading G. Ackley, *Macro-Economic Theory;* W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); M. Blaug, *Economic Theory in Retrospect;* K. J. Cohen and R. M. Cyert, *Theory of the Firm: Resource Allocation in a Market Economy;* J. R. Hicks, *Value and Capital* (2nd edn.); 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.); 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

(i) Principles of Economics Treated Mathematically

Mr Kuska. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Economics treated Mathematically*, I 8d; II 2a, IV 6, 7 and 8d; V 2f (second year); Dip. Stats.

Syllabus Consumer and producer theory, general equilibrium analysis, and some problems in comparative statics, efficiency and decentralization. Mainly calculus methods will be used.

Recommended reading J. M. Henderson and R. E. Quandt, *Microeconomic Theory;* J. Quirk and R. Saprosnik, *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 Kuska and Mr Glaister. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economics treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b; XI 2a (third year); Dip. Stats.

Syllabus Theory of income determination, simple growth and trade cycle models. A more advanced treatment of the theory of maximizing behaviour of economic agents primarily using point-set methods.

Recommended reading R. G. D. Allen, *Mathematical Economics;* R. G. D. Allen, *Macro-Economic Theory;* J. Quirk and R. Saprosnik, *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;* P. Newman, *The Theory of Exchange.*

(iii) Mathematical Programming

See Course No. 951.

32(a) Classes

Classes will be arranged.

33 Econometrics

For B.Sc. (Econ.) Part II: *Econometrics*, II 8; X 6 and 7e; B.Sc. (Maths.) 5-8f (third year).
(**Note:** It will be assumed that 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.)

(i) Econometric Methods

Mr Tymes. Fifteen lectures, Michaelmas and Lent Terms.

Syllabus Statistical estimation and testing of economic theories. Special problems of

statistical inference arising from simultaneous relations, distributed time lags and autocorrelated disturbances.

Recommended reading J. Johnston, *Econometric Methods;* A. S. Goldberger, *Econometric Theory*.

(i) (a) Classes
Fifteen classes, Michaelmas and Lent Terms.

(ii) Applied Econometrics
Dr Desai. Ten lectures, Lent Term.

Syllabus A study of representative books and articles in which statistical methods have been used for investigating economic relations.

Recommended reading R. Stone, "Linear Expenditure Systems and Demand Analysis" (*The Economic Journal*, September, 1954); E. Malinvaud, "The Consumption Function—An Econometric Problem" (*Statistical Methods in Econometrics*, chap. IV, pp. 102–138); R. Solow, "Investment and Technical Progress" in K. J. Arrow, S. Karlin and P. Suppes (Eds.), *Mathematical Methods in the Social Sciences* (1959); G. Chow, "Multiplier, Accelerator and Liquidity Preference in the Determination of National Income in the U.S." (*Review of Economics and Statistics*, Feb. 1967); G. Fromm and L. R. Klein, "The New National Econometric Model" (*The American Economic Review*, May 1965, pp. 348–361); D. W. Jorgenson, "Capital Theory and Investment Behaviour" (*A.E.R.*, 1963); K. J. Arrow *et al.*, "Capital Labour Substitution and Economic Efficiency" (*R.E. Stat.*, 1961); R. Solow, "Technical Change and the Aggregate Production Function" (*R.E. Stat.*, 1957).

(ii) (a) Classes
Ten classes, Lent Term.

34 Mathematical Economics I:
Professor Gorman and Professor Hahn. (i) Thirty lectures, Sessional, for second-year students. (ii) Ten lectures in 1970–71, for third-year students.

For B.Sc. (Econ.) Part II: *Mathematical Economics I*, II 1b; X 1 and 2a (ii); XI 1b; B.Sc. (Maths.) Part II: 5. 6, 7 and 8i.

Syllabus Maximizing behaviour (the Kuhn-Tucker theorem). Production sets, cost functions, profit functions, the substitution theorem, pareto-efficiency, consumer theory including intertemporal choice and uncertainty, and portfolio selection. Application of all these topics to various problems including pure theory of international trade and welfare economics. Keynesian general equilibrium and simple growth theory.

Recommended reading J. P. Quirk and R. Saprosnik, *Introduction to General Equilibrium Analysis;* K. J. Lancaster, *Mathematical Economics;* D. Gale, *Linear Economic Models*.

34(a) Classes
Classes will be arranged.

35 Mathematical Economics II: Special Topics
For B.Sc. (Econ.) Part II: *Mathematical Economics II*, II 2b; X 1 and 2b; XI 2a; B.Sc. (Maths.) Part II: 5, 6, 7 and 8j.

Syllabus Duality aggregation and related topics: cost and related functions. Aggregation theory including separable utility. Economic application. Optimal growth and control: Pontryagin's maximum principle. Economic applications.
Decision theory: objective and subjective probability. Utility Bayesian and minimax principles. Economic applications.

INDUSTRY AND TRADE

36 Economics of Industry and Trade
Professor Yamey and Mr Townsend. Thirty lectures, beginning in the Lent Term for second-year students and extending over four terms.

For B.Sc. (Econ.) Part II: *Industry and Trade*, IV 5; V 4b; XI 5, 6 and 7h(ii) (second and third years).

Part I The Structure of Industry
Eighteen lectures.

Syllabus 1 Vertical integration: economic implications in various market situations. 2 Size of firms: economies and diseconomies of scale; empirical investigation of optimal scale. 3 Conditions of entry: "barriers" to entry; implications of barriers. 4 Concentration: the concentration ratio; concentration and market power; concentration, size of market, and growth of market. 5 Specialization and diversification. 6 Industrial structure and economic performance: price and non-price competition; prices; profits; innovation. 7 Economics of mergers.
A detailed outline and reading list will be given at the beginning of this part of the course.

Part II A Selection of Topics relating to Particular Industries, Markets and Public Policy Measures
Twelve lectures.
A list of topics will be given at the beginning of this part of the course.

36(a) Classes
Twenty classes, beginning in the Summer Term of the second year and continuing in the Michaelmas Term of the third year.

37 Economics of Public Enterprise
Mr Foldes and Mrs Sharp. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Business Administration*, IV 4; V 2b; *Industry and Trade*, IV 5; V 4b; XI 5, 6 and 7h(ii) (third year).

Syllabus The special problems of Government-owned and Government-controlled enterprises, including control by Parliament and Government, methods of organization, control of competition and the determination of investment, output and prices.

Recommended reading On Pricing and Investment: G. Dessus, "The General Principles of Rate-fixing in Public Utilities" (*International Economic Papers*, No. 1); J. Nelson (Ed.), *Marginal Cost Pricing in Practice;* I. M. D. Little, *A Critique of Welfare Economics;* P. Massé, *Optimal Investment Decisions;* K. J. Arrow, "Uncertainty and the Economics of Medical Care" (*The American Economic Review*, 1963). On Organization and Finance: A. A. Hanson (Ed.), *Nationalisation: a Selection of Readings;* The Select Committee on Nationalized Industries, Reports on Ministerial Control (House of Commons Paper, 1968); White Paper, *Nationalised Industries: A Review of Economic and Financial Objectives* (Cmnd. 3437, 1967); White Paper, *Fuel Policy* (Cmnd. 3438, 1967); White Paper, *Railway Policy* (Cmnd. 3439, 1967).

38 Business Administration: The Organization of Business Enterprises and Problems of Business Policy
Mr Foldes, Mr Gould and Mr Bromwich. Ten lectures, Summer Term (second year) and fifteen lectures, Michaelmas and Lent Terms (third year).

For B.Sc. (Econ.) Part II: *Business Administration*, IV 4; V 2b. Michaelmas Term only: for M.Sc.: *Theory of Optimal Decisions*, IV 4(v) (preliminary year).

Syllabus A selection from the following topics:
(a) Theory of Decisions: the structure of decision problems. Linear problems. Uncertainty and time. 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. 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. Recruitment, promotion, training and retirement systems. Predictive models of administrative action.

Recommended reading Background reading: H. A. Simon, *The New Science of Management Decision;* I. J. D. Bross, *Design for Decision;* F. C. Hooper, *Management Survey;* A. Rapoport, *Games, Fights and Debates*, Part II; A. Etzioni, *Modern Organizations*.
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); R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*.

38(a) Classes
Classes will be arranged.

LABOUR ECONOMICS

39 Labour Economics
Dr Primorac and Mr Metcalf. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (second year).

Syllabus The working population: numbers, quality, deployment and mobility. Collective bargaining: monopoly power and bargaining power. Methods of wage determination: areas and procedures. Industry-wide bargaining; effects of full employment. Minimum wage regulation. Analysis of wages structure. Movements in money wage rates. National incomes policy. Technical change and structural unemployment. Analysis of strikes. Analysis of Donovan Report.

Recommended reading E. H. Phelps Brown, *Labor Economics* (1962); B. McCormick and E. Smith (Eds.), *The Labour Market* (Penguin); *Report on Trade Unions and Employers' Associations* (Donovan Report).
Further reading will be given at the beginning of the course.

39(a) Classes
Eighteen classes, Michaelmas and Lent Terms.

BUSINESS FINANCE

40 The Capital Market
Mr Alford. Ten meetings of one-and-a-half hours each, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Business Finance*, IV 6, 7 and 8g (third year).

Syllabus Framework of the capital market; 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 *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959), chap. 4; H. B. Rose, *Economic Background to Investment*, Parts 2 and 5; F. W. Paish, *Business Finance*, 3rd edn.; A. R. Prest (Ed.), *The U.K. Economy, a Manual of Applied Economics*, chap. 2; E. V. Morgan, *Monetary Policy for Stable Growth* (*Hobart Paper* 27).

PUBLIC FINANCE

41 The Economics of Public Finance
Dr Perlman. Twenty lectures, Lent and Summer Terms (second year); Mr Layard, five lectures, Michaelmas Term (third year).

For B.Sc. (Econ.) Part II: *Public Finance*, I 3d or 8e; III 3j or 8d. Suitable for M.Sc.: *Public Finance*, IV 4(xi) (final year).

Syllabus Analysis of some modern theories of government expenditures as well as an examination of the evolution of these expenditures in the United Kingdom and in the United States. The special issues raised by benefit-cost analysis will be discussed in the context of these theories. Examination of the special problems of government finance in federal countries. Analysis of the allocation and incidence effects of excise, income, production, import, profit and other taxes and subsidies treated in a partial equilibrium framework. Analysis of fiscal policy and

debt management and discussion of the problems of the control of the economy.
Recommended reading A. R. Prest, *Public Finance in Theory and Practice* (3rd edn.); A. Williams, *Public Finance and Budgetary Policy;* E. R. Rolph and G. F. Break, *Public Finance;* A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*.

41(a) Classes
Twenty classes, Lent and Summer Terms (second year). Five classes, Michaelmas Term (third year).

42 Economic Aspects of British Social Services
Mrs Sharp. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Public Finance*, I 3d or 8e; III 3j or 8d; B.Sc. (Soc.) Branch III, 3 (second year). Optional for Dip. Soc. Admin. (second year and one-year).

Syllabus The nature of the important general economic issues raised by the provision of social services will be considered and the conclusions will be used in the examination of aspects of particular British services.
A detailed **reading list** will be provided at the beginning of the course.

MONETARY ECONOMICS

43 Money – An Introduction
Professor Walters. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (second year).

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*.

44 English Monetary History since 1914
Dr Pressnell. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Monetary Institutions*, III 7 (third year).

Recommended reading J. H. Clapham, *The Bank of England;* T. E. G. Gregory, *Select Statutes, Documents and Reports; Report of the Committee on Finance and Industry* (Cmnd. 3897, 1931); E. Nevin, *The Mechanism of Cheap Money;* R. S. Sayers, *Central Banking after Bagehot; Financial Policy, 1939–45*; H. Clay, *Lord Norman;* L. V. Chandler, *Benjamin Strong*, J. C. R. Dow, *The Management of the British Economy, 1945–60*.

45 U.S.A. Monetary Institutions since 1914
Dr Pressnell. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Monetary Institutions*, III 7 (third year).

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.

46 The British Monetary System
Mr Alford. Ten meetings of one-and-a-half hours each, Summer Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (second year).

Syllabus The flow-of-funds approach. Banks and other financial intermediaries. Determinants of the volume of bank deposits. Debt management. Monetary policy.

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.); R. L. Crouch, "The Inadequacy of 'New Orthodox' Methods of Monetary Control" (*Economic Journal*, Dec. 1964); also comments and reply in *Economic Journal*, Dec. 1965; "The Influence of Nonbank Financial Intermediaries" (chap. 12 in Ritter (Ed.), *Money and Economic Activity*); A. B. Cramp, "Control of the Money Supply" (*The Economic Journal*, June 1966); G. Clayton, "British Financial Intermediaries in Theory and Practice" (*The Economic Journal*, Dec. 1962); R. S. Sayers, "Monetary Theory and Policy in England" (*The Economic Journal*, Dec. 1960); C. M. Kennedy, "Monetary Policy" (chap. 9 in G. D. N. Worswick and P. Ady, *The British Economy in the 1950s*); E. V. Morgan, *Monetary Policy for Stable Growth* (*Hobart Paper* 27); J. C. R. Dow, *The Management of the British Economy 1945-60* (chaps. 9 and 12); *Bank of England Quarterly Bulletin, passim.*

47 International Monetary Economics

Professor Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (third year).

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); League of Nations, *International Currency Experience;* A. G. Ford, *The Gold Standard* (esp. chap. 1); R. Triffin, *Gold and the Dollar Crisis.*

47(a) Classes

Five classes, Lent Term. Students will be divided into two groups.

48 Seminar in Monetary Economics

Dr Pressnell. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Monetary Economics (third year).

Recommended reading will be prescribed for each meeting of the session.

49 Monetary Theory

Mr L. Harris. Ten lectures, Michaelmas and Lent Terms, alternate weeks, beginning in the first week of the Michaelmas Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (third year).

Recommended reading The review article on "Monetary Theory and Policy" (*The American Economic Review*, June 1962) by H. G. Johnson, besides being essential reading provides an excellent bibliography for most aspects of the subject. Students will be expected to be already familiar with the following background books: *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959); R. S. Sayers, *Modern Banking* (edns. 5 and subsequent); W. T. Newlyn, *The Theory of Money*, 1962.
Further reading will be given at the beginning of the course.

49(a) Classes

Ten fortnightly classes, Michaelmas and Lent Terms, beginning in the second week of the Michaelmas Term.

INTERNATIONAL ECONOMICS

50 International Economics

Dr Hindley and Mr Petith. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Economics*, I 8b; III 8b (third year).

Syllabus Pure theory of international trade, covering welfare, tariffs, custom unions classical and neoclassical models, and growth. Monetary aspects of trade, covering foreign investment and the theory of international economic policy including balance of payments and international financial institutions.
Recommended reading J. Vanek, *International Trade, Theory and Economic Policy*, parts III and IV; selected reading from R. E. Caves and H. G. Johnson,

Readings in International Economics, parts I, II, III, IV, VII.
Additional reading will be given at the beginning of the course.

50(a) Classes

TRANSPORT ECONOMICS

51 Economics of Transport

Mr Thomson. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Economics and Geography of Transport*, XV 7 and 8h (second year).

Syllabus This course will consist of a general introduction to the subject.

Recommended reading G. Walker, *Road and Rail;* C. D. Foster, *The Transport Problem;* K. M. Gwilliam, *Transport and Public Policy.*

51(a) Classes

Classes will be arranged.

52 Economics and History of Transport

Mr Thomson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economics and Geography of Transport*, XV 7 and 8h (third year); M.Sc.: *Economics of Transport*, IV 4(x) (final year).

Syllabus The course will be concerned principally with major current problems in transport.

Recommended reading Alan Day, *Roads* (Mayflower Press); G. J. Roth, *Paying for Parking* (Institute of Economic Affairs, 1967); Ministry of Transport, *Report on Carrier's 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; White Papers on Transport Policy*, 1966, and on the *Economic and Financial Objectives of the Nationalised Industries*, 1967.

52(a) Classes

Classes will be arranged.

II Graduate Courses

(*A*) *M.Sc. in Economics*

ECONOMIC THEORY I AND II AND METHODS OF ECONOMIC INVESTIGATION

55 Preliminary-Year Mathematics for Economists

Mr Wymer. Sessional.

For M.Sc.: *Economic Theory I* and *II*, IV 1 and 2; *Methods of Economic Investigation*, IV 3 (preliminary year).

Description of course The course will cover elements of differential calculus, determinants, the mathematical methods of comparative statics, and an introduction to matrix algebra.

Recommended reading G. Hadley, *Linear Algebra;* R. G. D. Allen, *Mathematical Analysis for Economists;* A. Kooros, *Elements of Mathematical Economics.*

55(a) Classes

Sessional.

56 Preliminary-Year Statistics for Economists

Mr J. J. Thomas. Sessional.

For M.Sc.: *Economic Theory I* and *II*, IV 1 and 2; *Methods of Economic Investigation*, IV 3 (preliminary year).

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing.
Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Recommended reading P. G. Hoel, *Elementary Statistics;* J. Johnstone, *Econometric Methods*, chaps. 1–4. FURTHER READING: A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*.

56(a) Classes
Sessional.

57 Preliminary-Year Micro-Economics
Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory II*, IV 2 (preliminary year).

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.

57(a) Classes
Eighteen classes, Sessional.

58 Preliminary-Year Macro-Economics
Mr Griffiths. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory I*, IV 1 (preliminary year).

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*.

58(a) Classes
Eighteen classes, Sessional.

59 Final-Year Mathematics for Economists.
Mr Kuska. Twenty lectures, September, 1969.

For M.Sc.: *Economic Theory I* and *II*, IV 1 and 2; *Methods of Economic Investigation*, IV 3 (final year).

Description of course The course will cover the following topics: an introduction to matrix algebra, partial differentiation, differentials, determinants, maximization and minimization, 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; and C. F. Christ, *Econometric Models and Methods*, chap. 3.

59(a) Classes
Ten classes, September, 1969.

60 Statistical Theory for Economists
Mr J. J. Thomas. Twenty lectures, September, 1969.

For M.Sc.: *Economic Theory I* and *II*, IV 1 and 2; *Methods of Economic Investigation*, IV 3 (final year).

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*.

60(a) Classes
Ten classes, September, 1969.

61 Final-Year Micro-Economics
Professor Walters. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory II*, IV 2 (final year).

Description of course 1 Demand and supply curves – derivation, use and interpretation, and empirical evidence. Derived demands and elasticity laws, measurements of the value of exchange. 2 Utility and household behaviour – properties of utility functions and inter-temporal problems. Risk and utility. The permanent income hypothesis. 3 Production, technology and costs – feasible sets, the efficient frontier and the production function. Technical progress. Monopoly, oligopoly and imperfect competition. 4 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.).

62 Final-Year Macro-Economics
Professor H. G. Johnson. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory I*, IV 1 (final year).

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 stabilization 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*.

62(a) Classes
Five classes will be arranged.

63 Methods of Economic Investigation
Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Methods of Economic Investigation*, IV 3 (final year).

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) Introduction to Econometrics
Dr Wallis.

Recommended reading C. F. Christ, *Econometric Models and Methods*.

(ii) Case Studies
Mr Steuer and Dr Desai.

Recommended reading A detailed list of empirical articles will be given at the beginning of the course.

63(a) Classes
Weekly classes will be arranged.

ADVANCED ECONOMIC THEORY I: Theory of Economic Growth

ADVANCED ECONOMIC THEORY II: Linear Economic Models

64 Theory of Economic Growth

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Advanced Economic Theory I*, IV 4 (i) (final year).

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. Dynamic Leontief models and Von Neumann model.

65 Linear Economic Models

Dr Ozga. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Advanced Economic Theory II*, IV 4 (ii) (final year).

Description of course An introduction to linear programming, input-output and games theory. Dynamic production models and the Von Neumann model. Application of activity analysis to economic theory.

66 Turnpike Theorem and Related Topics

Mr Kuska. Six lectures, Summer Term.

For M.Sc.: *Advanced Economic Theory I* and *II*, IV 4 (i) and (ii) (final year).

Description of course The concepts and the analysis of efficient and optimal programmes of capital accumulation. Formulation and proof of the Turnpike Theorem.

66(a) Classes

Ten classes will be arranged in conjunction with the above courses.

HISTORY OF ECONOMIC THOUGHT

67 History of Economic Thought

Dr Devletoglou. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *History of Economic Thought*, IV 4(iii); VI 4(v) (final year).

Description of course The emphasis of this course is on the Development of Economic Analysis: its relation to policy issues and its methodological and philosophical underpinnings. Particular consideration is given to classical and post-classical development.

Selected reading O. H. Taylor, *A History of Economic Thought;* J. A. Schumpeter, *The History of Economic Analysis*.

67(a) Classes

Classes will be arranged.

THEORY OF COMPARATIVE COST AND COMMERCIAL POLICY
INTERNATIONAL MONETARY ECONOMICS

68 The Theory of Commercial Policy

Professor H. G. Johnson. Ten lectures, Lent Term.

For M.Sc.: *Theory of Comparative Cost and Commercial Policy*, IV 4(iv) (final year).

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" (*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*.

68(a) Classes

Five classes, Lent Term.

69 International Monetary Economics

Dr Swoboda. Ten lectures of two hours each, Lent and Summer Terms.
This course will be given only if there is sufficient demand.

For M.Sc.: *International Monetary Economics*, IV 4(xviii) (final year).

Description of course The balance of payments and the foreign exchange market. "Automatic" adjustment mechanisms under alternative international monetary standards. The analysis of currency depreciation: the elasticity *versus* the absorption approach. The transfer problem. Growth 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.

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;* L. B. Yeager, *International Monetary Relations*.

69(a) Classes

Classes will be arranged.

70 International Trade

Dr Makower. Ten lectures, Michaelmas Term.

For M.Sc.: *Theory of Comparative Cost and Commercial Policy*, IV 4(iv) (final year).

Description of course The course will deal with the factors determining the flows of international trade in real terms. Topics: the doctrine of comparative cost where only one factor of production is assumed; the analysis of international trade assuming more than one factor of production; the role of production functions; the role of relative factor endowments; changes in factor endowment and technology.

Selected reading J. E. Meade, *The Theory of International Economic Policy*, Vol. II, *Trade and Welfare* (chaps. 1–22) and *A Geometry of International Trade;* J. Vanek, *International Trade: Theory and Economic Policy* (chap. 4); H. G. Johnson, *Money, Trade and Economic Growth* (chaps. 2 and 3) and *International Trade and Economic Growth* (chaps. 1 and 3); G. Haberler, *Survey of International Trade Theory;* A. Marshall, *Pure Theory of Foreign Trade;* D. Ricardo, *Principles* (chap. 7); R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*, Vol. XI (A.E.A.); R. E. Baldwin *et al.*, *Essays in Honour of Gottfried Haberler* (Part I); K. Lancaster, "The Heckscher-Ohlin Trade Model" (*Economica*, Feb., 1957); "Protection and Real Wages: A Re-statement" (*The Economic Journal*, June, 1957); T. M. Rybczynski, "Factor Endowment and Relative Commodity Prices" (*Economica*, Nov., 1955); A. P. Lerner, "The Symmetry between Import and Export Taxes" (*Economica*, Aug., 1936); W. M. Corden, "Economic Expansion and International Trade" (*Oxford Economic Papers*, June, 1956).

70(a) Classes
Five classes, Lent Term.

71 Seminar on International Trade
Professor H. G. Johnson.
Weekly, Sessional, starting in the sixth week of the Michaelmas Term.
For M.Sc.: *Theory of Comparative Cost and Commercial Policy*, IV 4(iv); *International Monetary Economics* IV 4(xviii). Other students will be admitted only by permission of Professor Johnson, to whom application should be made in writing.

THEORY OF OPTIMAL DECISIONS

72 Theory of Optimal Decisions
Mr Foldes. Thirty lectures, Sessional.
For M.Sc.: *Theory of Optimal Decisions*, IV 4(v) (final year).

Description of course Decision models for individuals and governments, emphasising conceptual problems rather than mathematical or computational methods. Some of the following topics will be selected for detailed discussion (taking into account the special interests of participants): Programming, duality and shadow prices, decentralization. Dynamic models. Uncertainty, subjective and objective probability, inverse probability, cardinal utility, Bayes and minimax decision functions. Optimality and equilibrium in games. Team decision problems, information structure, and decentralization under uncertainty. Various applications to problems of business and public policy.

Recommended reading Selected parts of the following: W. Baumol, *Economic Analysis and Operations Research;* P. Massé, *Optimal Investment Decisions;* T. C. Koopmans, *Three Essays on the State of Economic Science* (first essay); J. Tinbergen, *Economic Policy: Principles and Design;* R. D. Luce and H. Raiffa, *Games and Decisions;* H. Chernoff and L. E. Moses, *Elementary Decision Theory;* T. C. Schelling, *The Strategy of Conflict*.

72(a) Classes
Ten classes, Michaelmas and Lent Terms.

LABOUR ECONOMICS

73 Labour Economics
Dr Primorac. Twenty lectures, Michaelmas and Lent Terms.
For M.Sc.: *Labour Economics*, IV 4(vi); VIII 2(i) (final year) and other graduate students.

Description of course The analysis of the demand for and supply of labour in particular employments. The analysis of collective bargaining: monopoly power and bargaining power of combinations of employers and of employees; theory of bargaining. The pay structure. The allocative function of differentials and of changes in differentials between industries and between occupations. Minimum wage legislation. The size and composition of the labour force. Hours of work. Labour mobility. Unemployment. Some problems of wage policy and labour market policy under full employment. Types of theory of the share of labour in the national product.
The distribution of the national product in the course of economic growth; effects of technical innovation and of the accumulation of capital on the share of labour.

Selected reading A. Rees, *The Economics of Trade Unions* (1952); E. H. Phelps Brown, *Labor Economics* (1962); A. M. Cartter, *Theory of Wages and Employment* (1959); B. J. McCormick and E. Owen Smith (Eds.), *The Labour Market* (1968).

73(a) Classes
Twenty classes, Michaelmas and Lent Terms.

MONETARY HISTORY AND ANALYSIS OF MONETARY INSTITUTIONS

ANALYSIS OF MONETARY INSTITUTIONS AND MONETARY THEORY

74 United Kingdom Monetary History
Dr Pressnell. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.
For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, IV 4(vii) (final year).

74(a) Classes
Ten classes, beginning in the sixth week of the Michaelmas Term.

75 Analysis of United Kingdom Monetary Field
Mr. Alford. Ten one-and-a-half hour meetings, Lent Term.
For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, IV 4(vii); *Analysis of Monetary Institutions and Monetary Theory*, IV 4(viii) (final year).

76 Advanced Monetary Theory
Mr Griffiths and Mr Miller.
Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.
For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, IV 4(vii); *Analysis of Monetary Institutions and Monetary Theory*, IV 4(viii) (final year).

77 Econometrics in the Monetary Field—A Survey
Professor Walters and Mr. Miller.
Ten meetings of one-and-a-half hours, Michaelmas and Lent Terms.
For M.Sc.: *Analysis of Monetary Institutions and Monetary Theory*, IV 4(viii) (final year).

ECONOMICS OF PUBLIC ENTERPRISE

In the session 1969–70 no graduate courses will be provided for M.Sc.: *Economics of Public Enterprise*, IV 4(ix).

ECONOMICS OF TRANSPORT

78 Seminar in Transport Economics
Mr Thomson. Fortnightly, Sessional.
For M.Sc.: *Economics of Transport*, IV 4(x).

PUBLIC FINANCE

In the session 1969–70 no graduate courses will be provided for M.Sc.: *Public Finance*, IV 4(xi).

ECONOMICS OF INDUSTRY

81 Economics of Industry
Professor Yamey. Thirty lectures, Sessional.
For M.Sc.: *Economics of Industry*, I 2; IV 4 (xii) (final year).

Description of course 1 Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialization 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 specialization 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 R. E. Caves (Ed.), *Britain's Economic Prospects*, chap. 7; J. S. Bain, *Barriers to New Competition;* R. Evely and I. M. D. Little, *Concentration in British Industry;* P. W. MacAvoy, *Price Formation in Natural Gas Fields;* G. Maxcy and Z. A. Silberston, *The Motor Industry* (esp. chap. 6); National Bureau of Economic Research (Universities—National Bureau Committee), *Business Concentration and Price Policy* (papers by Smith, Friedman, Rosenbluth and Adelman); G. J. Stigler, *Capital and Rates of Return in Manufacturing Industries*, chap. 3.

81(a) Classes

Ten classes, Lent and Summer Terms.

82 Economic Aspects of the Joint Stock Company

Dr Hindley. Ten lectures, Lent Term.

For M.Sc.: *Economics of Industry*, IV 4(xii) (final year).

Description of course 1 Theories of corporate behaviour designed primarily to illuminate the relations between companies and their economic environment. 2 Theories relating to the internal organisation and operation of companies.

ECONOMICS OF POOR COUNTRIES AND THEIR DEVELOPMENT

83 The Economics of Poor Countries and their Development

Professor Bauer and Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economics of Poor Countries and their Development*, III 3iii; IV 4xiii (final year); Dip. Development Admin.; Dip. Soc. Admin. overseas option (one-year).

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 and B. S. Yamey, *The Economics of Underdeveloped Countries;* *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;* G. M. Meier, *Leading Issues in Development Economics;* *H. Myint, *The Economics of the Developing 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.

83(a) Classes

Ten classes, Michaelmas and Lent Terms.

For M.Sc. students only.

84 Seminar on the Economics of Poor Countries

Professor Bauer and Professor Myint. Michaelmas and Lent Terms, in conjunction with Course No. 83. 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.

85 Surplus Labour in Poor Countries

Dr Mazumdar. Five lectures, Michaelmas Term.

For M.Sc.: *Economics of Poor Countries and their Development*, III 3(iii); IV 4(xiii) (final year); Dip. Development Admin.; Special Course for Overseas Administrators. Optional for M.Sc.: *Economic Problems of the Communist World I* and *II*, IV 4(xvi) and (xvii) (final year).

Description of course The course will examine the theory of disguised unemployment and the empirical evidence bearing on it. The problem of evaluating the "shadow wage" will be discussed.

85(a) Classes

Five classes, Michaelmas Term.

86 Economic Problems of Public Investment and Planning in Underdeveloped Countries

Dr Mazumdar. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economics of Poor Countries and their Development*, III 3(iii); IV 4(xiii) (final year); Dip. Development Admin.; Special Course for Overseas Administrators. Optional for M.Sc.: *Economic Problems of the Communist World I* and *II*, IV 4(xvi) and (xvii) (final year).

Description of course The course will examine theoretical problems relating to the formulation of investment programmes in underdeveloped countries. It will outline a method of project appraisal relevant to the economic conditions of these countries and relate it to the problems of macro-economic planning. Aspects of planning strategy will be covered: e.g. the theory of the choice of techniques; principles of allocation of investment between producer goods and consumer goods industries, and the problem of import substitution.

86(a) Classes

Ten classes, Michaelmas and Lent Terms.

AGRICULTURAL ECONOMICS

87 Economics of Agricultural Production

Dr Josling. Five lectures, Michaelmas Term.

For M.Sc.: *Agricultural Economics*, IV 4(xiv) (final year).

Description of course The course will include a survey of resource allocation concepts as employed in the literature, and an evaluation of functional and normative analysis of agricultural production.

Selected reading 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.

87(a) Classes

Three classes, Michaelmas Term.

88 Agricultural Marketing

Mr Metcalf. Ten lectures and ten classes, Lent Term.

For M.Sc.: *Agricultural Economics*, IV 4(xiv) (final year).

Description of course The course will be divided into two parts:
(a) Factor Markets. The markets for fertilizers, agricultural machinery and labour will be analysed, including econometric analyses of the demand for these inputs.
(b) Product Markets. The following concepts will be studied: workable competition; the relationship between industry structure, firm conduct and market performance; vertical integration; co-operatives; marketing boards; bargaining power; transportation.

Selected reading (a) E. O. Heady and L. Tweeten, *Resource Structure and the Demand for Inputs;* (b) P. L. Farris (Ed.), *Market Structure Research.*

88(a) Classes
Ten classes, Lent Term.

89 Agricultural Policy in an Industrial Setting
Dr Josling. Ten lectures, Lent Term.

For M.Sc.: *Agricultural Economics*, IV 4(xiv) (final year).

Description of course The course will consider the place of agriculture in industrial economies, the formation and objectives of agricultural policy, the effects of agricultural policy on income distribution and asset creation, and the sources of conflict between trade and domestic policy objectives. Attention will also be given to the effect on agriculture of general economic policy measures.

Selected reading D. E. Hathaway, *Government and Agriculture;* G. McCrone, *The Economics of Subsidising Agriculture;* D. G. Johnson, "Agriculture and Foreign Economic Policy" (*Journal of Farm Economics*, 1964).
Further references will be given at the beginning of the course.

89(a) Classes
Five classes, Lent Term.

90 Seminar in Agricultural Economics
Mr Metcalf and Dr Josling. Sessional.

For M.Sc.: *Agricultural Economics*, IV 4(xiv) (final year).

ECONOMIC ASPECTS OF ACCOUNTING

The courses for M.Sc.: *Economic Aspects of Accounting*, IV 4(xv) are listed in the section on Accounting and Finance.

ECONOMIC PROBLEMS OF THE COMMUNIST WORLD I: Soviet Economic Structure

ECONOMIC PROBLEMS OF THE COMMUNIST WORLD II: Techniques in Normative and Indicative Planning

91 Soviet Economic Structure
Professor Wiles. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Problems of the Communist World I: Soviet Economic Structure*, IV 4(xvi) (final year). 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.

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); for other references see the bibliography in Nove, *op. cit.*

92 Introduction to National Planning
Mr. Markowski and Professor Wiles. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *The Economics of Poor Countries and their Development*, IV 4(xiii); *Economic Problems of the Communist World I* and *II*, IV 4(xvi) and (xvii). Also suitable for undergraduates.

Description of course The general theory of planning: in France, in the U.K. war economy; in U.S.S.R.; in 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.*

Further reading will be given during the course.

93 Techniques in Normative and Indicative Planning
Dr Zauberman. Thirty lectures, Lent and Summer Terms.

For M.Sc.: *Economic Problems of the Communist World II*, IV 4(xvii) (final year); optional for M.Sc.: *Economics of Poor Countries and their Development*, IV 4(xiii) (final year).

Description of course This course will deal with techniques and tools in both normative and indicative planning.
I *Consistency checking techniques*
1 Material balances. 2 Formalized intersectoral consistency instruments. (*a*) Static Leontief-type system as a planning tool. (*b*) Dynamic Leontief-type system as a planning instrument; some simplified and quasi-dynamic instruments.
II *Optimization techniques*
1 Traditional techniques. 2 Formalized techniques. (*a*) Macro-production function in planning. Linear programming. Experiments with simpler models of nonlinear programming. (*b*) Some models of dynamic planning. Bellman (optimal principle) type of models. "Dynamic planning" models of the Kantorovich school. Plan models based on the Pontryagin (maximum principle) construct.
III *Problems of dimensions* (*other than time*)
1 Methods of aggregation in traditional planning. Formalized aggregation. Leontief (1967) model of "reduction".
2 Methods of decomposition employed in planning. The Dantzig-Wolfe construct; experiments with game-theoretic Brown-Robinson and "naive" methods.
IV *Objective function in formalized planning*
Time horizon reconsidered in the context.
V *Value parameters in planning*
1 Price parameter under centralized and decentralized regimes. 2 Time-discount and investment-efficiency norm in planning (West and East).
VI *Planning under uncertainty*
1 Stochastic *versus* deterministic approach in planning. The Tintner-Sengupta "active" and "passive" and the chance-constrained Charnes-type approaches.
2 Some simple probabilistic techniques adopted in plan-programming.
VII Outline and interpretation of some formalized plan models designed and employed or experimented with in West and East, in particular models:
(*a*) Norwegian; (*b*) French; (*c*) Hungarian; (*d*) Soviet; (*e*) British; (*f*) Indian, 1967.

Recommended reading A. Zauberman, *Aspects* of *Planometrics* (1967) and literature referred to there—as introduction.

94 Problems of Planning Techniques (Seminar)
Dr Mazumdar, Professor Wiles and Dr Zauberman. Sessional, beginning in the sixth week of the Michaelmas Term. Attendance is by permission of Dr Mazumdar.

For M.Sc.: *Economic Problems of the Communist World I* and *II*, IV 4 (xvi) and (xvii) (final year). Optional for M.Sc.: *Economics of Poor Countries and their Development*, IV 4(xiii) (final year).

95 Economic Problems of the Communist World (Seminar)
Professor Wiles and Dr Zauberman. Sessional.

For M.Sc.: *Economic Problems of the Communist World I* and *II*, IV 4(xvi) and (xvii). Admission by permission of Professor Wiles or Dr Zauberman.

ECONOMICS OF EDUCATION AND HUMAN CAPITAL

96 Economics of Education
Mr Layard. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economics of Education and Human Capital*, IV 4(xix); *Educational Statistics*, XXI 8. Optional for M.Sc.: *Labour Economics*, IV 4(vi); VIII 2(i); *Public Finance*, IV 4(xi); *Economics of Poor Countries and their Development*, IV 4(xiii); B.Sc. (Econ.) Part II, *Public*

Finance, I 3d and 8e; III 3j and 8d; *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (third year).

Syllabus Education as a social and private investment: the rate-of-return approach, using salary differentials, the production function approach, using time series or international comparisons of input and output. Educational planning: the manpower approach (using rate-of-return analysis and/or manpower forecasting) *versus* the approach based on forecasting the private demand for education. The relationship between these methods. The financing of education: public *versus* private finance (e.g. with loans), public *versus* private provision (e.g. with vouchers). The productivity of educational institutions. The economics of brain drain.

Recommended reading M. Blaug (Ed.), *Penguin Modern Economics Readings*, *Economics of Education 1 and 2;* G. S. Becker, *Human Capital;* O.E.C.D., *The Residual Factor and Economic Growth;* R. G. Hollister, "The Economics of Manpower Forecasting" (*International Labour Review*, 1964); P. R. G. Layard and J. C. Saigal, "Educational and Occupational Characteristics of Manpower: An International Comparison" (*British Journal of Industrial Relations*, July 1966); M. Blaug, *A Cost-Benefit Approach to Educational Planning in Developing Countries* (I.B.R.D.); Institute of Economic Affairs, *Education: A Framework for Choice Readings in Political Economy;* H. G. Johnson, "Some Economic Aspects of Brain Drain" (*Pakistan Development Review*, Autumn 1967).

97 Workshop in the Economics of Education

Mr Layard. Fortnightly, Sessional.

For M.Sc.: *Economics of Education and Human Capital*, IV 4(xix); *Manpower Planning*, VIII 2(vi). This workshop will proceed systematically through the advanced literature in the subject. Admission by permission of Mr Layard.

98 The Economics of Human Capital

Mr Richardson. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economics of Education and Human Capital*, IV 4(xix). Optional for M.Sc.: *Labour Economics*, IV 4(vi); VIII 2(i).

Description of course The usage of the concept of human capital in the history of economics. Some aspects of the general theory of investment, in particular, the problems of assessing the profitability of alternative investments. The modification of this general theory to suit the immediate needs of human capital problems. Some specific human capital problems (e.g. education and training, human capital and the income distribution, labour mobility, the economics of information and the economics of certain health problems).

Recommended reading will be given at the beginning of the course.

99 Economics of Research and Development

Professor H. G. Johnson. Four lectures, Lent Term.

For M.Sc.: *Economics of Education and Human Capital*, IV 4(xix). Optional for M.Sc.: *Labour Economics*, IV 4(vi); VIII 2(i).

Description of course Knowledge as a factor of production in a generalized 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 available at the beginning of the session.

(B) M.Sc. in Econometrics

100 Seminar in Quantitative Economics

Professor Gorman, Professor Sargan and others. Sessional.

For M.Sc.: *Quantitative Economics, I* and *II*, V 1 and 2(i) and (ii).

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.*

101 Econometric Methodology for Quantitative Economics

Professor Sargan. Ten lectures, Michaelmas Term.

For M.Sc.: *Quantitative Economics I*, V 1 and 2(i).

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 No. 100.

102 Aggregation in Economics and Econometric Models

Professor Gorman. Five lectures, Lent Term.

For M.Sc.: *Quantitative Economics II*, V 1 and 2(ii)

103 Advanced Mathematical Economics

Professor Gorman and Professor Hahn. Fifty lectures, Sessional.

For M.Sc.: *Advanced Mathematical Economics I* and *II*, V 2(v) and (vi).

Syllabus 1 Theory of growth and optimal growth. 2 Some problems of general equilibrium analysis. 3 Duality and its application.
Students will be expected to be familiar with the work for the undergraduate paper Mathematical Economics I.

104 Seminar in Mathematical Economics

Professor Hahn and Professor Gorman. Fortnightly, Sessional.

For M.Sc.: *Advanced Mathematical Economics I* and *II*, V 2(v) and (vi).

105 Econometric Theory

Professor Sargan. Twenty-five lectures, Sessional.

For M.Sc.: *Econometric Theory I* and *II*, V 2(iii) and (iv); XII 4(iv); XXI 5.

Description of course Least squares, Aitken generalized, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading J. Johnston, *Econometric Methods;* A. S. Goldberger, *Econometric Theory;* E. Malinvaud, *Statistical Methods of Econometrics.*

105(a) Classes

Twenty classes, Michaelmas and Lent Terms.

106 Seminar in Econometrics

Professor Sargan and Professor Gorman. Fortnightly, Sessional.

For M.Sc.: *Econometric Theory I* and *II*, V 2(iii) and (iv). Others will be admitted only by permission of Professor Gorman or Professor Sargan.

(C) M.Sc. in Regional and Urban Planning Studies

107 Seminar in Regional and Urban Economics
Professor Day. Fifteen meetings, Lent and Summer Terms.
For M.Sc.: *The Economics of Regional and Urban Planning*, XIV 1.

III Graduate Seminars

For seminars intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

108 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.

109 Monetary Economics: Theory and Testing
Professor H. G. Johnson and 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.

IV Additional Courses for Undergraduates and Graduates

110 Behaviouralism and Economic Analysis
Dr Devletoglou. Five lectures, Michaelmas Term.
Suitable for all graduate students.

Description of course A survey of the major recent attempts to emphasize 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).

111 Economic Institutions Compared
Professor Wiles. Ten lectures, Lent Term.
Primarily for undergraduates.

Description of course Capitalism, classical Communism, Titoism, French planning.

112 Introduction to Linear Programming
Dr Makower. Five lectures, Lent Term.
Suitable for undergraduates.

113 Recent Theories of Business Behaviour
Mr Townsend. Five lectures, Summer Term.

114 The British Economy since 1945
Professor Day. Ten lectures.

Description of course An introduction to post-war British economic problems and policies.

Recommended reading J. C. R. Dow, *The Management of the British Economy;* G. D. N. Worswick and P. Ady, *The British Economy, 1945–50;* G. D. N. Worswick and P. Ady, *The British Economy in the 1950s;* S. Brittain, *The Treasury under the Tories;* P. D. Henderson, *Economic Growth in Britain.*

115 The Political Economy of Opulence
Professor H. G. Johnson. Five lectures, Michaelmas Term.

Description of course The course will attempt to present an integrated approach to the study of modern economic problems in terms of applications of capital theory. It will deal with such problems as advertising, distribution theory and the economics of education.

116 Economic Planning in India
Dr Mazumdar. Five lectures, Lent Term.

Description of course The course will consider the theoretical models influencing allocation of investment between different sectors in the Five-Year Plans and the impact of the plans on the development of the economy.

117 Marxian Economics
Dr Desai. Five lectures, Lent Term.

Recommended reading will be given at the beginning of the course.

118 The Economics of Futures Trading
Professor Yamey. Five lectures, Lent Term.

Description of course Special features of futures contracts and their markets. Intertemporal price relationships and hedging. Speculation, hedging and price movements.
Recommended reading will be given at the beginning of the course.

119 Monetary Problems of the Underdeveloped Countries
Mr Griffiths. Five lectures, Lent Term.
Suitable for graduate students.

120 Control-Theoretic Approach to Planning
Dr Zauberman. Six lectures, Lent Term.
Suitable for graduate students.

Recommended reading will be given at the beginning of the course.

Accounting and Finance

Accounting and Finance

132 Preliminary Accounting

Professor Baxter and others. Fifteen lectures, Michaelmas and Lent Terms.

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.

133 Accounting I: Introduction

Professor Edey. Ten lectures and eight classes, Michaelmas Term.

For B.Sc. (Econ.) Part II (second year): *Accounting and Finance*, V 6, 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 5d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a; *Business Finance*, IV 6, 7 and 8g; B.Sc. (Maths.) 5-8g (second year); M.Sc.: *Economic Aspects of Accounting* IV 4(xv); *Management Accounting*, XII 4(ii).

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;* A. A. Robichek and S. C. Myers, *Optimal Financing Decisions*, chap. 2. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

134 Accounting IIa: Financial Accounting

Mr French. Twelve lectures and twenty classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8 (second year).

Note Accounting I (Course No. 133) is a prerequisite for Accounting IIa.

Syllabus Company reports and finance: valuation concepts in accounts prepared for legal purposes and their economic significance; capital structure and changes therein; elements of consolidated accounts; problems of changing price levels; the treatment of tax in company accounts; the company audit. The course will include work in the use of compound interest and annuity tables.

Recommended reading The works mentioned under Accounting I, Course No. 133; F. W. Paish, *Business Finance;* H. C. Edey, "Accounting Principles and Business Reality" (*The Accountant*, August 24 and 31, 1963). Reference may be made to *The Companies Act*, 1948; *Report of the Company Law Committee* (Cmnd. 1749, 1962); H.M.S.O. 1960–62, *Minutes of Evidence taken before the Company Law Committee;* U.S. Government, *Reports of the Securities and Exchange Commissions*. 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*.

135 Accounting IIb: Management Information Systems

Professor Flower. Ten meetings, Lent Term.

For B.Sc. (Econ.) Part II (second year): *Accounting and Finance*, V 6, 7 and 8; M.Sc.: Accounting and Finance (preliminary year).

Note Accounting I (Course No. 133) is a prerequisite for Accounting IIb.

Syllabus The information requirements of the firm. The value of perfect and imperfect information. Design of manual and mechanised accounting systems. Internal control, with special emphasis on control accounts. Basic features of electronic data processing systems. Elementary computer programming using the Fortran language. Further aspects of electronic data processing including its economic justification, design and implementation of systems, audit and control, and time-sharing.

Recommended reading H. N. Laden and T. R. Gildersleeve, *System Design for*

Computer Applications; R. H. Gregory and R. L. Van Horn, *Automatic Data-Processing Systems.*

136 Accounting IIc: The Plan of the Firm

Mr Bromwich. Twelve lectures and classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 5d; III 3b; IV 6, 7 and 8h (second year).

Syllabus An examination of models of the integrated process of planning and control, with special reference to those of the accountant. Corporate strategy; pricing; budgetary models and simulation; planning and control by feedback; rate of return on investment and transfer prices as methods of control.

Recommended reading H. C. Edey, *Business Budgets and Accounts*, chaps. 1, 2, 5, 6, 7; M. Spencer, *Managerial Economics*, chaps. 3, 10; C. T. Horngren, *Accounting for Management Control*, chaps. 6, 11; H. I. Ansoff, *Corporate Strategy;* D. Solomons (Ed.), *Studies in Cost Analysis* (2nd edn.). Reference may also be made to H. A. Simon, *The New Science of Management Decision;* D. Solomons, *Divisional Performance: Measurement and Control*, chaps. 3–5; C. R. Bonini, R. K. Jaedicke and H. M. Wagner, *Management Controls: New Directions in Basic Research;* M. Alexis and C. Wilson, *Organisational Decision Making.*

137 Accounting IIIa: Decisions in the Firm

Mr Bromwich. Fifteen lectures and twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 6, 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; M.Sc.: *Economic Aspects of Accounting I and II*, I 1; IV 4 (xv); *Management Accounting*, XII 4 (ii); M.Sc.: Accounting and Finance (preliminary year).

Syllabus Cost analysis for decision making. Capital budgeting, including the cost of capital concept and risk and uncertainty in project appraisal; optimal financial structure. Linear programming and business decision budgets.

Recommended reading Relevant parts of: W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); W. T. Baxter and S. Davidson, *Studies in Accounting Theory* (2nd edn.); H. Bierman and S. Smidt, *The Capital Budgeting Decision* (2nd edn.); J. T. S. Porterfield, *Investment Decisions and Capital Costs;* E. Solomon, *The Management of Corporate Capital;* E. Solomon, *The Theory of Financial Management.*

138 Accounting IIIb

Professor Baxter. Eighteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 6, 7 and 8; M.Sc.: *Economic Aspects of Accounting I and II*, I 1; M.Sc.: Accounting and Finance (preliminary year).

Syllabus (1) Accounting. Company accounts; reconstructions; finance. Report writing on illustrative cases. Management accounting (including relevant aspects of compound interest). (2) Valuation theory. Valuation of a business, shares, partnership rights, individual assets etc.; measurement of income; depreciation; changing price levels. Values for management decisions.

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. Reference may be made to such standard textbooks as E. E. Spicer and E. C. Pegler, *Book-keeping 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.

139 History of Accounting

Professor Yamey and Mr de Ste. Croix. Three lectures, at times to be arranged.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 6, 7 and 8; M.Sc.: *Economic Aspects of Accounting I and II*, I 1 and others interested.

140 Accounting and Economic Theory (Seminar)

Mr Gould and Mr French. Twelve weekly meetings and a week-end discussion course, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8.

Syllabus Business valuation, cost analysis and other types of economic analysis and accounting will be discussed.

141 Accounting for Non-Specialists

Mrs Dev. Seven meetings, Lent Term.

For B.Sc. (Econ.) Part II (third year): *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a.

Syllabus Revision of Courses Nos. 133 and 136.

Recommended reading As for Courses Nos. 133 and 136.

142 Financing Problems of the Firm

Mr French. Fifteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (second year): *Business Finance*, IV 6, 7 and 8g.

Syllabus A selection of topics relating to such matters as: business forms; taxation as it affects business, investment grants; capital sources; capital structure; problems of growth of the firm.

Recommended reading F. W. Paish, *Business Finance;* J. Bates, *The Financing of Small Business;* Association of Certified and Corporate Accountants, *Sources of Capital;* J. T. S. Porterfield, *Investment Decisions and Capital Costs;* P. A. Bird, "The Provision of Corporate Finance" (*Accountancy*, Nov. 1965–March 1966); I.C.F.C. Booklet, *Capital for Business;* Board of Trade, *Investment Grants; Investment Incentives* (Cmnd. 2874); C. N. Beattie, *Corporation Tax* (preface and chap. 1); B. Tew, "I.C.F.C. Revisited" (*Economica*, August 1955); "Edith" (*Three Banks Review*, June 1955); R. Frost, "The MacMillan Gap" (*Oxford Economic Papers*, 1954); relevant sections of the *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959). A. Vice, *Balance Sheet for Takeovers* (*Hobart Paper* 3).

143 Business Finance for Trade Union Studies Course

Mr J. W. Smith. Ten meetings, Lent Term.

FOR GRADUATE STUDENTS

148 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Ten meetings, Lent Term.

149 Valuation and Accounting Theory

Professor Baxter. Michaelmas Term.

For M.Sc.: *Economic Aspects of Accounting I and II*, I 1.

150 Simulation Models

Professor Flower. Lent Term.

For M.Sc.: *Economic Aspects of Accounting III*, I 1.

151 Long-Term Planning and Control

Mr Bromwich. Michaelmas and Lent Terms.

For M.Sc.; *Economic Aspects of Accounting I and II*, I 1; IV 4 (xv).

152 Topics in Cost-Benefit Analysis
Mr French. Ten lectures, Michaelmas Term.
For M.Sc.: *Economic Aspects of Accounting, I and II*; I 1.

153 Budgetary and Cost Control for Non-Specialists
Mr Bromwich. Five lectures and three classes, Lent Term.
For M.Sc.: *Economic Aspects of Accounting*, IV 4(xv); *Management Accounting*, XII 4(ii).

154 Problems in Accounting and Finance
Professor Edey
For M.Sc.: *Economic Aspects of Accounting I and II*, I 1; IV 4(xv).

155 Capital Budgeting
Professor Carsberg. Lent Term.
For M.Sc.: *Economic Aspects of Accounting I and II*, I 1; IV 4(xv).

Note: For M.Sc. (preliminary year) courses in micro-economics and macro-economics see Courses Nos. 28(i) and 28(ii). For introduction to accounting for non-specialists see Course No. 133. For M.Sc. (final year) course in economics of industry see Course No. 81.

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 196–7. Reference to these lists is made in the rubrics of the courses concerned.

COURSES FOR B.Sc. (ECON.) PART I

182 Introduction to Human Geography

Professor Jones. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 12, *Human Geography*.

Syllabus The scope of modern geography. An introductory survey of the progressive extensions of the known world, of the evolution of geographical thought, and current ideas on the development of the subject. The approach is that of selecting topics to introduce students to more specific examples of thought and method, and to an evolution of modern work in the fields of economic and social geography. Some of the themes which are dealt with in greater detail include: the concepts of "environment" in geography; changing theoretic concepts; man's modification of the environment; the regional concept, including economic and urban regions; location of settlement; the locational approach in geography; population analysis and immigration; economic activity; applied geography; urban settlements. In each theme considerable emphasis will be given to spatial and locational values, with special reference to new theories and techniques.

Recommended reading M. Chisholm, *Geography and Economics;* R. J. Chorley and P. Haggett, *Factors in Geographical Teaching;* J. I. Clarke, *Population Geography;* G. R. Crone, *The Background to Geography;* R. E. Dickinson, *City and Region;* R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography;* P. Haggett, *Locational Analysis in Human Geography;* R. Minshull, *Regional Geography;* L. D. Stamp, *Applied Geography;* P. L. Wagner, *The Human Use of the World;* S. W. Wooldridge and W. G. East, *The Spirit and Purpose of Geography*.

182(a) Geography Class

Dr Board, Dr J. E. Martin, Dr Thornes and others.

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.

183 Physical Geography

Compulsory for B.Sc. (first year): 1 course unit.

I Landforms

Dr Embleton, Dr Brunsden and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

Syllabus The nature and effects of tectonic and erosional processes in the evolution of landscape.

Recommended reading M. Morrisawa, *Streams;* C. A. M. King and C. E. Embleton, *Glacial and Periglacial Geomorphology;* C. A. M. King, *Beaches and Coasts;* A. Holmes, *Principles of Physical Geology;* P. Birot, *Cycle of Erosion Under Different Climates.*

II Meteorology and Climatology

Dr M. Jones and Mr Drewett. Twenty-five lectures, Sessional.

Syllabus Elementary and descriptive meteorology. An introduction to the principles of physical and dynamic climatology. The elements of microclimatology.

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

Mrs Whatley. Twenty-five lectures, Sessional.

Syllabus A survey of the soil forming processes and their results. The world soil and vegetation groups. The principles of ecology as applied to some major ecological systems of the world.

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).

184 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: *Man and his Physical Environment*, XV 7 and 8f (normally taken in second year); B.Sc.: A 24: ½ course unit (selected lectures) (second or third year).

Syllabus Concepts of systems, resources, conservation and management. The physical environment as the stage of man's activities. Aspects of the atmosphere, lithosphere, hydrosphere and biosphere subsystems and the ways in which they affect and are affected by man. Case studies of system interactions and implications for planning. Economic criteria in man's development of the landscape.

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 (Ed.), *Water, Earth and Man.*

185 Human Geography: I

Dr W. B. Morgan. Twenty-five lectures, Sessional.

Compulsory for B.Sc. (first year); with 186: 1 course unit.

Syllabus An introduction to the field of human geography, more especially to the geography of population and to the geography of society. The course will provide a basis for subsequent work in such optional subjects as social, economic and political geography.

Recommended reading R. Arvill, *Man and Environment;* A. Barnett, *The Human Species;* A. M. Bates, *Man in Nature;* Vidal de la Blache, *Principles of Human Geography;* 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;* J. M. Houston, *A Social Geography of Europe;* E. Jones, *Human Geography;* W. L. Thomas Jr., *Man's Role in Changing the Face of the Earth;* P. L. Wagner, *The Human Use of the Earth;* P. L. Wagner and M. W. Mikesell, *Readings in Cultural Geography;* W. Zelinsky, *A Prologue to Population Geography.*

186 Human Geography: II

Dr Lambert and Dr Yates. Twenty-five lectures, Sessional.

Compulsory for B.Sc. (first year). To be taken in conjunction with Course No. 185: 1 course unit.

Syllabus A general study of the interrelation between man and his physical environment from earliest times.

Recommended reading G. Clarke, *World Prehistory: An Outline;* V. G. Childe, *What Happened in History;* W. G. East, *The Geography Behind History; An Historical Geography of Europe;* H. Heaton, *Economic History of Europe;* J. L. Myres, *The Dawn of History; Geographical History in Greek Lands;* K. P. Oakley, *Man the Toolmaker;* F. W. Walbank, *The Decline of the Roman Empire in the West;* M. Postan and E. Rich (Eds.), *Cambridge Economic History*, Parts I and II, *The Middle Ages;* H. Pirenne, *Mohammed and Charlemagne; Economic and Social History of Mediaeval Europe;* P. Boissonade, *Life and Work in Mediaeval Europe;* S. Cole, *The Neolithic Revolution;* W. E. Le Gros Clark, *History of the Primates.*

187 Spatial Analysis I

Compulsory for B.Sc. (first year): 1 course unit. B.Sc. (Econ.) Part II: special subject Geography (second year) students may attend by permission.

(i) Spatial Analysis

Dr Board, Mr Goddard, Mr Spence and Dr Thornes. Twenty-five classes, Sessional.

Syllabus An introduction to theoretical and quantitative geography; maps and other graphic means of information storage and communication; the analysis of the regional system: movement, networks, nodes, hierarchies and surfaces.

Recommended reading P. Haggett, *Locational Analysis in Human Geography;* B. J. L. Berry and D. F. Marble, *Spatial Analysis;* R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* M. H. Yeates, *An Introduction to Quantitative Analysis in Economic Geography.*

(ii) Statistical Techniques in Geographical Analysis

Dr Thornes. Fifteen classes, Michaelmas and Lent Terms.

Syllabus An introduction to the use of statistical techniques in geographical analysis, with special reference to computational methods and interpretation.

Recommended reading F. E. Croxton and D. J. Cowden, *Applied General Statistics;* W. C. Krumbein and F. A. Graybill, *Statistical Models in Geology*, chaps. I–VII; H. M. Blalock, *Social Statistics.*

188 Spatial Analysis II

Mr Goddard. Twenty-five classes, Sessional.

Normally compulsory for B.Sc. A 25 (second year): ½ course unit.

Syllabus A continuation of Spatial Analysis I, emphasizing the practical application of quantitative methods of analysis to geographical problems. The course provides an essential grounding in methods employed in modern geographical literature, especially that referred to in second and third year options in Regional Analysis, Urban Geography, Geography and Planning, Economic Geography and Advanced Geomorphology, as well as certain regional options. The course also provides a technical base for students planning to undertake a dissertation during their third year. The syllabus covers elementary Fortran IV programming, methods of describing and analysing point, line and area patterns, measures of spatial association, the analysis of flow data and methods of classification and regionalisation. Students undertake individual projects in the third term.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis, A Reader in Statistical Geography* (1968); L. J. King, *Statistical Analysis in Geography.*

189 Cartography and Surveying

Professor Pugh and Mr Lawrence. Twenty-five lectures, Sessional, with field work in the third term.

Compulsory for first-year B.Sc. students registered at King's College.

Syllabus The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments.

Recommended reading A. H. Jameson and M. T. M. Ormsby, *Elementary Surveying and Map Projection;* J. A. Steers, *An Introduction to the Study of Map Projections;* F. Debenham, *Map Making;* A. R. Hinks, *Maps and Survey;* W. Norman Thomas, *Surveying; The Admiralty Manual of Hydrographic Surveying;* J. Mainwaring, *An Introduction to the Study of Map Projections;* D. Clark, *Plane and Geodetic Surveying*, Vol. I.

189(a) Cartography and Surveying (Practical)

Mr Lawrence. Twenty-five classes, Sessional.

Compulsory for first-year B.Sc. students registered at King's College. In connection with Course No. 189.

190 Economic and Regional Geography of the British Isles

Professor Wise, Mr. D. K. C. Jones and Mrs. Rees. Forty lectures, Michaelmas and Lent Terms.

Compulsory for B.Sc. (second year). Appropriate sections for B.Sc. (Econ.) Part II: *Economic and Regional Geography of the British Isles*, XV 3 (second year).

Syllabus A detailed treatment of the major regions of the British Isles. 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;* A. E. Trueman, *The Coalfields of Great Britain;* 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;* E. S. Simpson, *Coal and the Power Industries in Postwar Britain;* 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).

190(a) Economic and Regional Geography of the British Isles (Practical) Class

Study of systematic and regional problems based on cartographic and statistical evidence.

191 Africa I (General)

Professor Harrison Church, Professor Pugh, Dr Board and Dr W. B. Morgan. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *Africa*, XV 4a (to be taken in conjunction with either Course No. 192 or Course No. 193); B.Sc.: B 1 (second year): ½ course unit.

Syllabus A study of the physical environment and of the distribution of man and his economic activities, especially south of the Sahara. 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;* H. de Blij, *A Geography of Subsaharan Africa;* J. M. Houston, *Western Mediterranean World;* J. Despois, *L'Afrique du Nord;* R. J. Harrison Church, *West Africa;* J. C. Pugh and W. B. Morgan, *West Africa;* K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria;* L. C. King, *South African Scenery* (2nd edn.); L. P. Green and T. J. D. Fair, *Development in Africa.*

192 Africa II (West)

Professor Harrison Church and Dr W. B. Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc.: B 2 (third year): ½ course unit; B.Sc. (Econ.) Part II: XV 4a (third year) (students take this course or Course No. 193); M.A. (Area Studies); M.Sc.: *Geography of a particular Region*, VII 2(vi).

Syllabus A detailed study of West Africa, with emphasis on the parts played by the physical and cultural environments in economic development.

Recommended reading R. J. Harrison Church, *West Africa;* J. C. Pugh and W. B. Morgan, *West Africa;* K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria.*

193 Africa III (Southern)

Dr Board. Fifteen lectures with practical work, Michaelmas and Lent Terms.

For B.Sc.: B 3 (third year): ½ course unit; B.Sc. (Econ.) Part II: XV 4a (third year) (students take this course or Course No. 192).

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.*

194 Europe (excluding the U.S.S.R.)

For B.Sc. (second or third year). The maximum number of course units on Europe is 1½. For B.Sc. (Econ.) Part II: *Europe*, XV 4c: (i) second year and one other section third year.

(i) Europe: General Regional Geography

Dr Yates, Mr Sinclair, Professor Harrison Church, Dr J. E. Martin and Mr Lawrence. Twenty-five lectures, Sessional.

For B.Sc., B 4: ½ course unit.

Recommended reading G. W. Hoffman (Ed.), *A Geography of Europe;* M. R. Shackleton, *Europe.*

(ii) Western Europe (France, Belgium, Netherlands, Luxembourg)

Professor Harrison Church, Dr J. E. Martin and Mr Lawrence. Twenty-five lectures, Sessional.

For B.Sc., B 5: ½ course unit.

Recommended reading R. J. Harrison Church and others, *An Advanced Geography of Northern and Western Europe;* P. Pinchemel, *Géographie de la France*, 2 vols; G. Chabot, *Géographie Régionale de la France;* M. Le Lannou, *Les Régions Géographiques de la France;* D. I. Scargill, *Economic Geography of France.*

(iii) West Central Europe (Germany, Austria, Switzerland, Netherlands)

Dr Yates. Sessional.

For B.Sc., B 6: ½ course unit.

(iv) West Mediterranean Europe (Spain, Portugal, Italy, Mediterranean France)

Mr Sinclair. This course will not be given in the session 1969–70.

For B.Sc., B 7: ½ course unit.

Recommended reading J. M. Houston, *The Western Mediterranean World;* D. S. Walker, *Italy;* J. P. Cole, *Italy;* W. B. Fisher and H. Bowen-Jones, *Spain: a Geographical Background.*

(v) Northern Europe (Denmark, Norway, Sweden, Finland)

Mr Sinclair. Twenty-five lectures, Sessional.

For B.Sc., B 8: ½ course unit.

Recommended reading A. Sømme (Ed.), *A Geography of Norden;* W. R. Mead, *An Economic Geography of the Scandinavian States and Finland;* R. Millward, *Scandinavian Lands.*

(vi) East Central Europe (East Germany, Poland, Czechoslovakia, Hungary, Rumania, Yugoslavia)

Mr Carter. Twenty-five lectures, Sessional.

For B.Sc., B 9: ½ course unit.

Recommended reading R. H. Osborne, *East-Central Europe: A Geographical Introduction to Seven Socialist States;* H. G. Wanklyn, *The Eastern Marchlands of Europe;* M. I. Newbigin, *Geographical Aspects of Balkan Problems;* M. R. Shackleton, *Europe: A Regional Geography* (7th edn.); N. J. G. Pounds, *The Upper Silesian Industrial Region;* G. W. Hoffman, *The Balkans in Transition;* M. Pécsi and B. Sárfalvi, *The Geography of Hungary;* F. E. I. Hamilton, *Yugoslavia: Patterns of Economic Activity.*

195 The U.S.S.R.

Sessional. An intercollegiate course. At University College.

For B.Sc. (Econ.) Part II: *U.S.S.R.*, XV 4h; B.Sc.: B 10 (second or third year): ½ course unit.

Recommended reading J. P. Cole and F. C. German, *A Geography of the U.S.S.R.;* R. H. Mellor, *The Geography of the U.S.S.R.;* Yu. G. Saushkin, *An Economic Geography of the Soviet Union;* 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;* J. P. Cole, *The Geography of the U.S.S.R.* (Pelican Books); Violet Connelly, *Beyond the Urals;* A. Nove and J. Newth, *Soviet Central Asia.*

196 Monsoon Asia

Mr Rawson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *Monsoon Asia*, XV 4f; B.Sc., B 11 (second or third year): ½ course unit.

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;* A. D. C. Peterson, *The Far East;* 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;* H. C. Hart, *New India's Rivers;* N. Ahmad *The Economic Geography of East Pakistan.* Other literature will be suggested during the course.

197 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc., B 13 (second and third years); B.Sc. (Econ.) Part II: *North America*, XV **4g** (second year).

Syllabus A systematic review of the changing physical and human resources of the continent; an analysis of developments in leading sectors of the economy.

Recommended reading General texts: J. Wreford Watson, *North America: Its Countries and Regions;* W. R. Mead and E. H. Brown, *The United States and Canada;* J. H. Paterson, *North America;* C. L. White and E. J. Foscue, *Regional Geography of Anglo-America;* Oxford Regional Economic Atlas, *The United States and Canada;* Special topics: 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;* 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.*

197(a) North America I (Classes)

For B.Sc., B 13 (second and third years).

198 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr K. R. Sealy. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc., B 14; B.Sc. (Econ.) Part II: *North America*, XV 4g (third year).

Syllabus A detailed analysis of the economic and social geography of selected regions and contrasting regional problems.

Recommended reading General texts: as for Course 197. Special studies: H. S. Perloff, E. S. Dunn, E. E. Lampard and R. F. Muth, *Regions, Resources and Economic Growth;* 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.*

198(a) North America II (Classes)

For B.Sc. (third year).

199 Advanced Geomorphology I

Dr Embleton, Dr Brunsden, Dr Thornes and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

For B.Sc., A 1 (second or third year): ½ course unit; B.Sc. (Econ.) Part II (second year), XV 7 and 8(g).

Syllabus A study of the processes of landform sculpture under differing climatic and structural environments. This course will involve some field work.

200 Advanced Geomorphology II

Dr Embleton and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

For B.Sc., A 2 (second or third year): ½ course unit.

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.

201 Advanced Geomorphology III

Dr Brunsden and Dr Thornes. Twenty-five lectures, Sessional.

This course may be taken only in conjunction with Advanced Geomorphology I and/or II.
For B.Sc., A 2a (second or third year): ½ course unit.

Syllabus The concepts and methods of geomorphology and the history of geomorphological thought. The problems of design and analysis of geomorphic experiments. The nature and utilisation of field and laboratory techniques.

202 Geomorphology

Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course. At Birkbeck College.

For B.Sc., A 1 and 2 (second or third year).

203 Meteorology and Climatology

Twenty-five lectures, Sessional. An intercollegiate course. At University College.

For B.Sc., A 3, with 203(a): 1 course unit (second year).

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.*

203(a) Meteorology and Climatology (Classes)
In conjunction with Course No. 203.

204 Climatic Change
Dr M. Jones. Fifteen lectures, Michaelmas and Lent Terms. An intercollegiate course.

For B.Sc., A 4, with 204(a): ½ course unit (third year).

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*.

204(a) Climatic Change (Classes)
In conjunction with Course No. 204.

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.

205 Economic Geography: I
Dr J. E. Martin and Mrs Rees. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f (students should take two out of the three courses in Economic Geography); XV 2 (second year), B.Sc.: A 6 with 205(a): ½ course unit (second or third year).

Syllabus The nature of resources. Economic and actual methods of allocating and exploiting scarce resources. Allocation of land, land-use. 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;* H. Boesch, *A Geography of World Economy;* P. R. Odell, *An Economic Geography of Oil;* E. S. Simpson, *Coal and the Power Industries in Postwar Britain;* G. Manners, *The Geography of Energy;* H. H. McCarthy and J. B. Lindberg, *A Preface to Economic Geography;* J. Hirshleifer *et al.*, *Water Supply: Economics, Technology and Policy;* Institution of Civil Engineers, *Conservation of Water Resources in the United Kingdom;* A. V. Kneese and S. C. Smith, *Water Research: Western Resources Conference 1965;* H. L. Amoss and R. K. McNickle (Eds.), *Land and Water*.

205(a) Economic Geography: I (Class)
Dr J. E. Martin and Mrs Rees. Twelve classes, Michaelmas and Lent Terms.

For B.Sc.: A 6 (second or third year).

205(b) Economic Geography (Class)
Dr J. E. Martin.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f (second year).

206 Economic Geography: II
Mr Sinclair and Dr W. B. Morgan. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f (students should take two out of the three courses in Economic Geography); XV 2 (second year); B.Sc.: A 7, with 206(a): ½ course unit (second or third year).

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*.

206(a) Economic Geography: II (Class)
Ten classes, Lent and Summer Terms.

For B.Sc.: A 7 (second or third year).

207 Economic Geography: III
Dr J. E. Martin, Dr Estall and Dr K. R. Sealy. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f (students should take two out of the three courses in Economic Geography); XV 2 (third year); B.Sc.: A 8 with 207(a): ½ course unit (second or third year).

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;* 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;* C. D. Foster, *The Transport Problem; The Transport Needs of Great Britain in the Next Twenty Years* (Hall Report) (H.M.S.O., 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).

207(a) Economic Geography: III (Class)
Dr J. E. Martin and others. Ten classes, Michaelmas and Lent Terms.

For B.Sc.: A 8 (second or third year).

208 Economic Geography: IV
Professor Wise and others. Sessional. An intercollegiate course. At University College.

For B.Sc. (Econ.) Part II: *Economic Geography*, XV 2; B.Sc.: in connection with Economic Geography I, II and III (second or third year).

209 Regional Analysis
Mr Spence and Mr Goddard. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: XV 7 and 8a (third year); B.Sc.: A 26: ½ course unit (second or third year).

Syllabus Theoretical and technical aspects of the analysis of regional systems, including intraregional location theories, the activity structure of regions, interregional relationships, and the application of these to regional planning.

Recommended reading W. Isard *et al.*, *Methods of Regional Analysis: An Introduction to Regional Science;* W. Isard, *Location and Space Economy: A General Theory Relating to Industrial Location, Market Areas, Land Use, Trade and Urban Structure;* P. Haggett, *Locational Analysis in Human Geography;* W. Bunge, *Theoretical Geography;* B. J. L. Berry and D. F. Marble, *Spatial Analysis;* M. H. Yeates, *An Introduction to Quantitative Analysis in Economic Geography;* R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning: A Reader;* R. H. T. Smith, E. J. Taaffe and L. J. King (Eds.), *Readings in Economic Geography: the Location of Economic Activity;* L. J. King, *Statistical Analysis in Geography*.

209(a) Regional Analysis Classes
Classes will be arrranged if required.

210 Social Geography
Professor Jones. Sessional.

For B.Sc. (Econ.) Part II: *Social Geography*, XV 7 and 8c (third year); B.Sc.: A 9 (second or third year): ½ course unit.

Syllabus A study of the relationships of social groups with their environments and the regional differentiation of such relationships.

Recommended reading P. M. J. Vidal de la Blache, *Principles of Human Geography;* R. Firth, *Human Types;* I. Bowen, *Population;* J. Beaujeu-Garnier, *Géographie de la Population;* R. E. Dickinson, *City and Region;* W. A. Gauld, *Man, Nature and Time;* A. H. Hawley, *Human Ecology;* J. M. Houston. *A Social Geography of Europe.*

211 Urban Geography

Professor Jones and Mr B. S. Morgan. Sessional. An intercollegiate course.

For B.Sc. (Econ.) Part II: *Urban Geography*, 7 and 8d; B.Sc.: A 10 (third year): ½ course unit.

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. T. 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, *Studies in Human Ecology.*

212 The Urban System

Mr Drewett and Mr K. G. Williams. Twenty-five lectures, Sessional. This course will involve practical classes.

For B.Sc., A 11 (second or third year): ½ course unit.

Syllabus An examination of the form and operation of the city region set within the context of a general systems theory approach. The basic components of the urban system will be defined and associated models discussed.

Recommended reading R. J. Chorley and P. Haggett (Eds.), *Models in Geography;* B. J. L. Berry and D. F. Marble (Eds.), *Spatial Analysis;* W. L. Garrison and D. F. Marble (Eds.), *Quantitative Geography*, Vol. I; P. Haggett, *Locational Analysis in Human Geography.*

213 Geography of Rural Settlement

Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College.

For B.Sc.: A 12 (second or third year).

214(i) Historical Geography: British Isles

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II: *Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e; XV 7 and 8b (third year); B.Sc., A13, with 214 (i) (a): ½ course unit (second or third year).

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.*

214(i) (a) Historical Geography (Class)

Dr Lambert. Twenty classes, Michaelmas and Lent Terms.

214(ii) Historical Geography: Western and Central Europe

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II: *Historical Geography*, XV 7 and 8b (third year); B.Sc., A 14 (second or third year): ½ course unit.

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. A. 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.*

215 Biogeography: I

Dr Yates, Dr Rose and Mrs Whatley. An intercollegiate course At King's College.

For B.Sc., A 15 (second year): ½ course unit.

216 Biogeography: II

Dr Yates, Dr Rose and Mrs Whatley. An intercollegiate course. At King's College.

For B.Sc., A 16 (third year): ½ course unit.

Note Attendance at a field class in Plant Geography is a compulsory part of the course.

217 Geography and Planning

Mr Diamond. Sessional. An intercollegiate course.

For B.Sc. (Econ.) Part II: *Economic and Regional Geography of the British Isles.* XV 3 (third year); B.Sc.: A 17 (second or third year): ½ course unit; M.Sc.: *Geographical Aspects of Regional and Urban Planning,* XIV 3.

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*; University of Liverpool Department of Civic Design, *Land Use in an Urban Environment.* 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., A 18 (second or third year): ½ course unit.

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: *Political Geography*, XV 7 and 8e (second year): B.Sc., A 20 (second or third year): ½ course unit.

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;* Y. M. Goblet, *Political Geography and the World Map;* A. E. F. Moodie, *Geography behind Politics;* S. van Valkenburg and C. L. Stotz, *Elements of Political Geography;* W. G. East and A. E. Moodie (Eds.), *The Changing World.*

Other literature will be suggested during the course.

220 Political Geography: II Frontiers and Boundaries and the Political Geography of a Selected Area
Professor Harrison Church. Sessional. This course will not be given in the session 1969–70.
For B.Sc., A 21 (third year): ½ course unit.

221 Mathematical Geography and Surveying: II
Fifty lectures. An intercollegiate course.
For students registered at King's College.

222 Mapwork
Mr D. K. C. Jones and others. Twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: special subject Geography (second year).
Syllabus Cartographic methods of representing geographical data. The interpretation of thematic maps. The construction and interpretation of maps of various types are essential requirements and will be related to other aspects of the course work for Part II.
Recommended reading F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams;* G. C. Dickinson, *Statistical Mapping and the Presentation of Statistics.*

223 Transport Geography (Class)
Dr K. R. Sealy.
Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Economics and Geography of Transport*, XV 7 and 8h (third year).

224 Geography Seminar
Dr Estall and Mr Diamond. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II: special subject Geography (second year).

225 Geography Seminar
Professor Wise, Mr Rawson and Mr Sinclair. Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: special subject Geography (third year).
Discussion on special areas and topics.

226(i) Geography Seminar
Dr W. B. Morgan and Mrs Rees. Sessional.
For B.Sc. (second year).

226(ii) Geography Seminar
Professor Harrison Church and Miss A. M. Coleman, Sessional.
For B.Sc. (third year).

FOR GRADUATE STUDENTS

Note Courses 227–238 and 240 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.

227 Modern Geographical Thought and Practice
Dr Board. Michaelmas and Lent Terms.
Also for M.Sc.: *Geographical Aspects of Regional and Urban Planning*, XIV 3. A course of lectures and discussions in methodology.

227(a) Modern Geographical Thought and Practice (Classes)
Michaelmas and Lent Terms.

228 Quantitative Methods in Geography
Mr Goddard and Mr Spence. Sessional.
Also optional for M.Sc.: Regional and Urban Planning Studies and for M.Phil. and Ph.D. students by permission.

Syllabus The use of computers in handling spatial data; areal sampling and experimental design; spatial descriptive statistics; analysis of point patterns and probability theory; network analysis and graph theory; measures of spatial association and the problems of spatial autocorrelations—trend surface, fourier series and spectral analysis; methods of regionalization; urban model building and methods of model calibration. Participants will be expected to have a basic knowledge of elementary statistical methods and also to acquire a grasp of elementary Fortran IV programming at the beginning of the session as a basis for project work.
Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis;* L. J. King, *Statistical Analysis in Geography;* D. McCracken, *A Guide for Fortran Programming.*

229 Geography of Industry
Dr J. E. Martin.
Syllabus Location theory, transportation in the geography of industry, methods of research, measurement of localization and association. Industrial cities and regions.

230 Transport Studies
Dr K. R. Sealy.
Syllabus Characteristics and analysis of transport networks, aspects of market research, transport planning with particular reference to road and air transport.

231 Resource Management and Utilization
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.

232 Urban Geography
Professor Jones. Sessional.
Also optional for M.Sc.: Regional and Urban Planning Studies.

233 The Geography of Agriculture Seminar
Mr Sinclair.
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.

234 Social Geography of South Africa
Dr Board. Fortnightly, Sessional.
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.

235 Geography of West Africa
Professor Harrison Church and Dr W. B. Morgan. Sessional.
Syllabus The physical and especially the economic geography of West Africa, with particular reference to agriculture and the problems of individual countries.

236 The Spatial Structure of the South African Economy
Dr Board. Michaelmas and Lent Terms.
Syllabus Stages of economic development and their spatial manifestation, socio-economic regionalization, nodal regions and their integration in development regions.

237 Regional Problems in the United States
Dr Estall.
Also optional for M.Sc.: Regional and Urban Planning Studies.
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.

238 Concepts and Methods of Geomorphology
Dr Brunsden. Twenty-four lectures and classes.

M.Sc. REGIONAL AND URBAN PLANNING STUDIES

239 Regional and Urban Planning Problems (Seminar)
Professor Day, Professor Self and Mr Diamond. An interdepartmental seminar, Lent and Summer Terms.

240 Geographical Concepts of Regional and Urban Planning (Seminar)
Mr Diamond. Sessional.

For M.Sc.: *Modern Geographical Thought and Practice*, VII 1; *Geographical Aspects of Regional and Urban Planning*, XIV 3.

A seminar on the application of locational and spatial concepts to problems of planning.

Recommended reading W. Isard *et al.*, *Methods of Regional Analysis: An Introduction to Regional Science;* F. Stuart Chapin, Jr., *Urban Land Use Planning* (2nd edn.); O. D. Duncan *et al.*, *Metropolis and Region;* P. M. Hauser and L. F. Schnore, *The Study of Urbanization;* J. Friedmann and W. Alonso, *Regional Development and Planning: A Reader;* P. Haggett, *Locational Analysis in Human Geography;* J. P. Gibbs, *Urban Research Methods* (1961); K. Norborg (Ed.), *The I.G.U. Symposium in Urban Geography;* G. Olsson, *Distance and Human Interaction;* J. Gottman, *Megalopolis;* R. J. Chorley and P. Haggett, *Socio-Economic Models in Geography*.
Other references will be given during the course.

241 Quantitative Methods in Regional and Urban Planning Studies
Mr Colbourne. Michaelmas and Lent Terms.

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.); Senior 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. (Exeter); Lecturer in Geography.
W. B. Morgan, M.A. (Oxon.), Ph.D. (Glasgow); Reader 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.
K. E. Rosing, B.A. (Minnesota); Lecturer in Geography.
Jean Whatley, B.Sc. (Glasgow), M.Sc. (Calif.); Lecturer in Geography.
K. G. Williams, B.A. (Cantab.), M.A. (Toronto); Lecturer in Geography.
E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

History

Page

337 Economic History
344 International History
352 General and Special Courses for B.A. Honours in History

Economic History

260 The Economic History of Great Britain and the U.S.A., 1850–1939

Mr Baines and Mr Potter.
Thirty-four lectures. Sessional.

For B.Sc. (Econ.) Part I; B.A. Phil. and Econ. (first year).

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;* J. H. Dunning and C. J. Thomas, *British Industry: Change and Development in the Twentieth Century;* 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;* H. F. Williamson (Ed.), *The Growth of the American Economy*.

260(a) Classes

261 Industrialization and the International Economy since 1830

Professor Fisher, Mr Earle and Mr Falkus. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic History*, I 2a; II 4b; III 2; IV 2b; V 1b; VIII 2; IX 3; XIII 3; XIV 3a; XV 5 and 6d (i); XVI 3a (second year); B.Sc. (Geog.) C 101 (first, second or third year).

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 mechanized transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialization 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;* 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. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain;* S. B. Clough, *France: a History of National Economics;* G. Stolper, *The German Economy, 1870–1939;* R. M. Robertson, *History of the American Economy;* G. C. Allen, *A Short Economic History of Modern Japan;* P. Lyashchenko, *History of the National Economy of Russia;* 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;* P. L. Yates, *Forty Years of Foreign Trade;* J. K. Galbraith, *The Great Crash;* J. B. Condliffe, *The*

Commerce of Nations; R. H. Thornton, *British Shipping;* C. Eicher and L. Witt, *Agriculture in Economic Development;* M. Tracy, *Agriculture in Western Europe;* 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.A. History (first year); Dip. Soc. Admin. (first year).

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;* G. Dangerfield, *The Strange Death of Liberal England, 1910–1914.*
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;* N. J. Smelser, *Social Change in the Industrial Revolution;* G. D. H. Cole and R. W. Postgate, *The Common People, 1746–1946;* H. Hamilton, *History of the Homeland;* S. Pollard, *The Development of the British Economy, 1914–1950.*
Books on particular subjects will be recommended in the course of the lectures.

263 Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries

Professor Coleman. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *English Economic History*, 1485–1760, VI 3; VII 7 and 8c (second year); B.A. History, optional subject Economic History; M.Sc.: *The Sources and Historiography of the Economic History of England in the Seventeenth Century*, VI 1(ii).

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, Mr Hunt and Mr W. M. Stern. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II (second year): *English Economic History*, 1485–1760, VI 3; VII 7 and 8c; *English Economic History from* 1760, VI 4; VII 7 and 8d; B.A. History, optional subject Economic History; B.Sc. (Geog.) C 102; M.Sc.: *The Sources and Historiography of Economic History in* either *Britain* 1783-1850, VI 1(iii) or *Britain* 1900–1950, VI 1(iv).

(i) 1700–1815

Professor John. Ten lectures.

Mr Hunt. Ten lectures.

(iii) After the 1880s

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: special subject Modern Economic History (second year).

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 and Mr Baines. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part II: special subject Modern Economic History (second year); M.Sc.: *The Sources and Historiography of Economic History in Britain*, 1783–1850, VI 1(iii). Optional for B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; B.A./B.Sc. (Soc.) Branch I, 7 and 8a (third year). Michaelmas Term only: for B.A. History (second year).

Syllabus The growth of population and its occupational distribution; the major social groups in British society.
The political structure; the growth of education and of the social services; the Irish question; nineteenth-century imperialism.
The press; the growth of science; religion in nineteenth-century England; some of the major schools of political and social thought.

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;* 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;* 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 Black-coated Worker;* H. M. Pelling, *A History of British Trade Unions;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* J. H. Plumb (Ed.), *Studies in Social History;* B. C. Roberts, *The Trade Union Congress;* 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.*

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: *Economic History of the United States of America from* 1783, VI 7; VII 7 and 8g (second year).

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. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Economic History of the United States of America from* 1783; VI 7; VII 7 and 8g (second year).

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: *Economic History of the United States of America from* 1783; VI 7; VII 7 and 8g (third year); M.Sc.: *The Sources and Historiography of the Economic History of the U.S.A.*, 1890–1929, VI 1(v).

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. Urbanization.
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. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Economic History of the United States of America from* 1783, VI 7; VII 7 and 8g (third year) and other third-year and graduate students interested.

Syllabus Economic and other aspects of the New Deal. The American economy since 1945.

Recommended reading 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* (1951); H. F. Williamson (Ed.), *The Growth of the American Economy* (1951); C. W. Wright, *Economic History of the United States* (1949).
Other works: R. Andreano (Ed.), *The*

Economic Impact of the American Civil War; C. A. Beard, *An Economic Interpretation of the Constitution of the United States;* H. H. Bellot, *American History and American Historians;* I. Bernstein, *The Lean Years* (1960); R. T. Berthoff, *British Immigrants in Industrial America, 1790–1950;* E. L. Bogart and C. M. Thompson, *Readings in the Economic History of the United States;* A. C. Bogue, *From Prairie to Corn Belt;* J. B. Brebner, *North Atlantic Triangle;* V. S. Clark, *History of Manufactures in the United States;* Department of American Studies, Amherst College (Eds.), *Problems of American Civilization: Selected Readings;* 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;* 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;* W. Leuchenberg, *F.D.R. and the New Deal, 1932–40* (1960); M. Meyers, *The Jacksonian Persuasion: Politics and Belief;* 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); W. Miller (Ed.), *Men in Business;* 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;* W. P. Strassman, *Risk and Technological Innovation;* G. R. Taylor, *The Transportation Revolution;* P. Temin, *Iron and Steel in Nineteenth-century America;* Brinley Thomas, *Migration and Economic Growth;* W. P. Webb, *The Great Plains.*

268 International Economic History, 1850–1945

Mr W. M. Stern. Sixteen lectures, Michaelmas and Lent Terms. Five classes, Lent Term.

For B.Sc. (Econ.) Part II: *International Economic History*, 1850–1945, VI 8c; VII 7 and 8f (second or third year); XIV 8b (third year).

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;* 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;* 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;* 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;* 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;* 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 Economic History of England from 1216 to 1603
Miss O. P. Coleman. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part I: alternative subject 13, *Economic History of England from the Norman Conquest to* 1603; B.A. History (second year).
Recommended reading will be given during the course.

269(a) Economic History of England from 1216 to 1603 (Classes)
Miss O. P. Coleman and Dr Bridbury.
For B.Sc. (Econ.) Part I: alternative subject 13, *Economic History of England from the Norman Conquest to* 1603.

270 Mediaeval Economic History (Classes)
Miss O. P. Coleman and Dr Bridbury.
For B.Sc. (Econ.) Part II: special subject Economic History (Mediaeval).

271 Economic History, 1575–1642 (Class)
Professor Fisher. For students taking this special period for B.Sc. (Econ.) Part II.

272 Modern Economic History, 1830–1886 (Class)
Professor John and Mr W. M. Stern. For students taking this special period for B.Sc. (Econ.) Part II.

273 English Economic History, 1485–1760 (Class)
For B.Sc. (Econ.): *English Economic History*, 1485–1760, VI 3; VII 7 and 8c (second and third years).

274 English Economic History from 1760 (Class)
For B.Sc. (Econ.): *English Economic History from* 1760, VI 4; VII 7 and 8d (second and third years).

FOR GRADUATE STUDENTS

275 Introduction to the Methods of Econometric History
Mr Potter, Mr. J. J. Thomas and Dr Desai. Ten lectures, Lent Term.
For graduate students in Economic History.
Syllabus and **recommended reading** will be given at the beginning of the course.

276 British Labour History, 1815–1939
Dr Erickson, Mr Hunt and Mr Baiens. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc.: *British Labour History, 1815–1939*, VI 4(viii); VIII 2(ii).
Syllabus Population growth and its economic and social implications; changes in the geographical distribution of population and the factors underlying mobility; 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.

277 The Sources and Historiography of the Economic History of England, 1350–1500 (Seminar)
Miss O. P. Coleman and Dr Bridbury. Fortnightly, Sessional.

278 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)
Professor Fisher and Professor Coleman. Fortnightly, Sessional.

279 The Sources and Historiography of British Economic History, 1783–1850 and 1900–1950 (Seminar)
Professor John and Mr W. M. Stern. Weekly, Sessional.

280 The Sources and Historiography of the Economic History of the U.S.A., 1890–1929 (Seminar)
Mr Potter and Dr Erickson. Fortnightly, Sessional.

281 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.

282 Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar)
Professor John. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

International History

288 Political History, 1763–1939

Dr Anderson, Dr Nish and Mr Dilks. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

Syllabus The course will provide a general survey of European history in the period, special attention being given to the growth of the modern nation states and their impact on the non-European world.

Recommended reading A basic textbook can be chosen from one of the following: E. Barker (Ed.), *The European Inheritance*, Vols. II and III (part of Vol. III, by G. Bruun, is available in the Home University Library series); G. Bruun and W. K. Ferguson, *A Survey of European Civilisation;* C. J. H. Hayes and C. W. Cole, *History of Europe;* T. W. Riker, *A Short History of Modern Europe.*
More detailed books on specific periods are: G. Rudé, *Revolutionary Europe, 1783–1815;* D. Thomson, *Europe Since Napoleon;* G. A. Craig, *Europe since 1815;* J. McManners, *Lectures on European History, 1789–1914;* M. Bruce, *The Shaping of the Modern World, 1870–1939*, Vol. I, *1870–1914;* C. E. Black and E. C. Helmreich, *Twentieth-Century Europe;* R. F. Leslie, *The Age of Transformation, 1789–1871;* H. Hearder, *Europe in the Nineteenth Century, 1830–1880;* J. R. Western, *The End of European Primacy, 1871–1945; New Cambridge Modern History*, Vols. VIII-XII. Guidance on further reading can best be obtained from W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography* (published by the Historical Association, *Helps for Students of History*, No. 60).
The following volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, are recommended for more advanced reading: L. Gershoy, *From Despotism to Revolution, 1763–1789;* C. Brinton, *A Decade of Revolution, 1789–1799*; G. Bruun, *Europe and the French Imperium, 1799–1814;* F. B. Artz, *Reaction and Revolution, 1814–1832;* R. C. Binkley, *Realism and Nationalism, 1852–1871;* C. J. H. Hayes, *A Generation of Materialism, 1871–1900.* Of the numerous national and regional histories, the best guides are: A. Cobban, *A History of Modern France*, 2 vols. (Pelican series); E. J. Passant and others, *A Short History of Germany, 1815–1945;* A. Vernadsky, *A History of Russia;* D. Mack Smith, *Italy: a Modern History;* H. M. Vinacke, *A History of the Far East in Modern Times.*
A Historical Atlas, such as Robertson's, Muir's or Seligman's, is useful.

288(a) Classes

Fortnightly, Sessional. In connection with Course No. 288.

289 Europe and the World, 1760–1939

Dr Anderson, Mr Dilks and Dr Nish. Ten lectures, Michaelmas and Lent Terms.

Optional for B.Sc. (Econ.) Part I.

290 Political History

Mr Grün and others. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Political History*, I 2a; II 4b; III 2; IV 2b; V 1b; VI 8j; VIII 2; IX 3; XIII 3; XV 5 and 6d (ii); XVI 3a (second year).

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. So far the following volumes have appeared: Denys Hay, *Europe in the Fourteenth and Fifteenth Centuries;* H. G. Koenigsberger and G. L. Mosse, *Europe in the Sixteenth Century;* M. S. Anderson, *Europe in the Eighteenth Century, 1713–1783;* H. Hearder, *Europe in the Nineteenth Century, 1830–1880;* J. M. Roberts, *Europe, 1880–1945.* While this series remains incomplete the gaps may be filled by: F. H. H. Green, *Renaissance and Reformation;* David Ogg, *Europe in the Seventeenth Century;* and G. A. Craig, *Europe since 1815.* For the twentieth century D. C. Watt, Frank Spencer and Neville Brown, *A History of the World in the Twentieth Century*, and H. Stuart Hughes, *Contemporary Europe: a History*, are also recommended.
Further reading will be given at the beginning of the lecture course and class teachers will advise on specialization.

290(a) Classes

Fortnightly, Sessional. In connection with Course No. 290.

291 International History, 1494–1815

Professor Hatton and Dr Anderson. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *International History*, 1494–1815, XIV 4 (second year); B.A. History (first and second years); M.A. and M.Sc.: *International History*, 1688–1740, 1740–1789, 1789–1815.

Syllabus Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice.

Recommended reading
DIPLOMACY AND DIPLOMATIC ORGANIZATION: G. Butler and S. Maccoby, *The Development of International Law;* D. P. Heatley, *Diplomacy and the Study of International Relations;* G. Mattingly, *Renaissance Diplomacy;* E. M. Satow, *A Guide to Diplomatic Practice.*
DIPLOMATIC HISTORY: GENERAL: 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, II, V and VII-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;* V. P. Potemkin (Ed.), *Histoire de la Diplomatie*, Vol. I.
INDIVIDUAL COUNTRIES: P. Rain, *La Diplomatie Française d'Henri IV à Vergennes;* A. W. Ward and G. P. Gooch (Eds.), *The Cambridge History of British Foreign Policy*, Vol. 1; S. F. Bemis, *A Diplomatic History of the United States;* C. de Grunwald, *Trois Siècles de Diplomatie Russe.*
MILITARY AND STRATEGIC BACKGROUND: J. U. Nef, *War and Human Progress;* A. Vagts, *A History of Militarism;* E. M. Earle (Ed.) and others, *Makers of Modern Strategy.*
Further reading on particular aspects or periods will be recommended during the course.

292 International History, 1815–1914

Professor Joll. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International History*, 1815–1914, VI 8b (i); VII 7 and 8e (i); XII 3a; XIV 5 (second year); B.A. History: optional subject *Diplomatic History 1814–1945* (second year); B.Sc. (Geog.) C 105; M.A. and M.Sc., *International History*, 1815–1870, 1870–1914.

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 recommended during the course.

293 International History since 1914

Mr Grün and Mr Watt. Forty-six lectures, Sessional.

For B.Sc. (Econ.) Part II: *International History since 1914*, VI 8b (ii); VII 7 and 8e (ii); XII 4; XIV 6 (second year); B.A. History: optional subject *Diplomatic History, 1814–1845* (second year); B.Sc. (Geog.) C 106; M.Sc.: *International Politics*, XI 1; *International Politics of an Approved Region*, XI 2; M.A. and M.Sc.: *International History*, 1914–1946.

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 suggested in the course of the lectures.

294 The Mediterranean in International Politics, 1815–1914

Miss Lee. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: special subject International History (third year) and other students interested.

Syllabus A study of political, strategic and economic developments in the Mediterranean region as a factor in international relations, 1815–1914.

Recommended reading See bibliography for course 292 and particular study of the following: J. E. Swain, *Struggle for the Control of the Mediterranean prior to 1848;* F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston;* V. J. Puryear, *France and the Levant;* H. L. Hoskins, *British Routes to India;* C. W. Hallberg, *The Suez Canal;* W. L. Langer, "The European Powers and the French Occupation of Tunis" (*American History Review*, XXXI, 1925–26); W. N. Medlicott "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926–27); A. J. Marder, *The Anatomy of British Sea Power;* J. Tramond and A. Reussner, *Eléments d'Histoire Maritime et Coloniale;* R. Pinon, *L'Empire de la Méditerranée;* J. Marlowe, *Anglo-Egyptian Relations, 1800–1953*.

295 The Maritime Policies of the Great Powers, 1918–1939

Mr Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *International History since* 1914, XIV 6 (third year); M.A. and M.Sc.: *International History*, 1914–1946; M.A. (War Studies) and other students interested.

Syllabus A study of the origins, inspiration and consequences, and the diplomatic and strategic interactions of the naval policies of the leading sea-powers, i.e. Great Britain, France, Germany, Italy, Japan, the Soviet Union and the United States in the years 1918–1939; together with the origins, workings and breakdown of the various provisions, proposals, conferences, agreements and treaties on disarmament, arms limitation and control at sea in the same period. Attention will be paid to the machinery of politico-military consultation and to the naval doctrines governing the formulation of those policies, and to the effects of technological developments. The subject will be dealt with in the general context of the development of international political relations in the interwar years and for the light it may throw upon the more general issues of arms limitation and control by international agreement.

Recommended reading R. de Belot and A. Reussner, *La Puissance Navale dans l'Histoire*, Tome 3; F. H. Hinsley, *Command of the Sea;* H. H. and M. T. Sprout, *Toward a New Order of Sea Power;* J. Erickson, *The Soviet High Command.*

296 British-American-Russian Relations, 1815–1914

Dr Anderson, Dr Bourne and Dr Nish. This course will not be given in the Session 1969–70.

For B.Sc. (Econ.) Part II: *British-American-Russian Relations*, 1815–1914, XIV 8c (third year) and other students interested.

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, *Anglo-Japanese Alliance, 1894–1907;* J. A. White, *Diplomacy of the Russo-Japanese War;* R. A. Esthus, *Theodore Roosevelt and Japan.*

297 The Baltic in International Politics since 1815

Professor Hatton. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *The Baltic in International Politics since 1815*, XIV 8e (third year) and other students interested.

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 1870–18 and 19 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.*

298 International Socialism and the Problem of War, 1870–1914

Professor Joll. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Socialism and the Problem of War, 1870–1914*, XIV 8f (third year) 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.*

299 Africa in International Politics, 1870–1914

Mr Dilks. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Africa in International Politics*, 1870–1914, XIV 8d (third year); M.Sc.: *International Politics of an Approved Region*, XI 7 and other students interested.

Syllabus An examination of some aspects of the diplomacy of the European powers in relation to Africa south of the Sahara.

Recommended reading C. P. Lucas, *The Partition and Colonisation of Africa;* H. M. Stanley, *The Congo and the Founding of its Free State;* K. O. Diké, *Trade and Politics in the Niger Delta, 1830–1885;* L. S. Woolf, *Empire and Commerce in Africa;* M. F. Perham and J. Simmons (Eds.), *African Discovery, an Anthology of Exploration;* H. R. Rudin, *Germany in the Cameroons, 1884–1914;* R. E. Robinson and others, *Africa and the Victorians.*
Further reading will be recommended during the course.

300 William III and Louis XIV, 1698–1702

Professor Hatton. Twenty classes, Michaelmas Term.

For B.Sc. (Econ.) Part II: *William III and Louis XIV*, 1698–1702, XIV 7a (third year).

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: *The Great Powers and Egypt*, 1882–1888, XIV 7b (third year).

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 Balkans in International Politics, 1908–1919

Professor Joll and Dr Bridge. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Balkans in International Politics*, 1908–1919, XIV 7c (third year).

Syllabus The Bosnian crisis and its aftermath. Albania, the Italo-Turkish and the Balkan Wars 1910–1913. The Balkans in 1914—the July crisis. Intervention diplomacy. Turkey and the Balkan States. Military operations and their effects in the Balkans: Serbia, Bulgaria, Gallipoli. Italy and the South Slavs. Greek aims. The Balkans and the Peace Settlement. 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; I. Geiss (Ed.), *July, 1914*; B. von Siebert, *Entente Diplomacy and the World War;* Dardanelles Commission, First Report (Cmd. 8490, 1917).

303 Great Britain and the Paris Peace Conference of 1919

Mr Grün. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Great Britain and the Paris Peace Conference of 1919*, XII 8f (i); XIV 7d (third year).

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. This course will not be given in the session 1969–70.

For B.Sc. (Econ.) Part II: *The Manchurian Crisis, 1931–1933*, XII 8f (ii); XIV 7e (third year).

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 the following authorities: *Papers Relating to the Foreign Relations of the United States, Japan: 1931–1941*, Vol. I, pp. 1–87; *League of Nations: Official Journal*, Special Supplements Nos. 101–102 and 111–113; *League of Nations: Appeal by the Chinese Government, Report of the Commission of Inquiry; Documents on British Foreign Policy*, 2nd Series, Vols. VIII and IX.

305 Anglo-German Naval Diplomacy, 1933–1939
Mr Watt. Twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Anglo-German Naval Diplomacy 1933–1939* XII 8f (iii); XIV 7f (third year).

Syllabus A study in detail of the interaction of strategic and diplomatic factors in Anglo-German relations, 1933–1939, in the naval sphere. The course will be based on selected documents from the following authorities: *Documents on German Foreign Policy*, Series C, Vols. II–VI, Series D, Vols. IV and VI; *Trial of the Major War Criminals; Documents on British Foreign Policy*, 2nd Series, 3rd Series, Vols. III–IV; *Foreign Relations of the United States, 1934–1938;* "Führer Conferences on Naval Affairs" in *Brassey's Naval Annual, 1948;* N. H. Baynes (Ed.), *Hitler's Speeches, 1922–1939*, Vol. II; selected extracts from the *German Admiralty Archives* (from originals on microfilm in P.R.O. and the U.S. Department of the Navy).

306 International History, 1494–1815 (Class)
Professor Hatton, Dr Anderson and Mr McKay. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II: special subject International History.

307 International History since 1815 (Class)
Miss Lee, Dr Nish, Mr Watt and Mr Grün. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II: special subject International History.

308 International History since 1815 (Class)
Dr Bridge and Mr Dilks. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II students other than International History specialists.

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, 1815–1939 (Introductory Course)
Dr Anderson. Michaelmas Term. At the Institute of Historical Research.
For beginners in research on the sources and methods of research in modern diplomatic history.

314 International History, 1814–1919 (Seminar)
Professor Joll. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll.

315 International History since 1919 (Seminar)
Professor Joll, Mr Grün, Mr Watt and Mr Dilks. Fortnightly, Sessional. Admission by permission of Professor Joll.

316 Scandinavian History (Seminar)
Professor Hatton. Fortnightly, Sessional. Admission by permission of Professor Hatton.

317 Diplomatic Theory and Practice, 1500–1815
Professor Hatton. Sessional.
For M.A. and M.Sc. only.

318 The Military Policy and Organisation of the Powers since 1815 (Seminar)
Professor Martin, Mr Bond and Mr Watt. Sessional. At the Institute of Historical Research.

319 Diplomatic Theory and Practice, 1815–1919
Dr Anderson. Sessional.
For M.A. and M.Sc. only.

320 Diplomatic Theory and Practice, 1919–1946
Mr Watt. Sessional.
For M.A. and M.Sc. only.

Further classes 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-five lectures in two sessions.
For B.A. History (first and second years).
Recommended reading will be given during the course.

326 Mediaeval English History (Classes)
Mr Gillingham and Dr Waley. Sessional.
For B.A. History.

327 English History, 1530–1760
Mrs. Carter. Thirty lectures, Michaelmas and Lent Terms.
For B.A. History (first year); B.Sc. (Geog.) C 103.
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. History; B.Sc. (Geog.) C 103.

329 Later Modern British History
Dr Brown and Dr Waley. Thirty lectures, Sessional.
For B.A. History; B.Sc. (Geog.) C 104.
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. History; B.Sc. (Geog.) C 104.

331 European History, 1200–1500
Dr Waley. Five lectures, Michaelmas Term.
For B.A. History (first and second years).
Recommended reading will be given during the course.

332 Mediaeval European History (Classes)
Mr Gillingham and Dr Waley. Sessional.
For B.A. History.

333 European History since 1800 (Classes)
Miss Lee. Sessional.
For B.A. History.

334 European History 1500–1800 (Classes)
Dr Anderson, Professor Hatton and Mr McKay. This course will not be given in the session 1969–70; it will be given in the session 1970–71.

335 The History of Ancient and Mediaeval Political Thought
Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.
For B.A. History (first year).
Recommended reading will be given during the course.

336 The History of Political Thought (Class)
Michaelmas and Lent Terms.
For B.A. History (first year) fortnightly, (third year) weekly.

337 English Constitutional History from c. 1530 to 1914 (Class)
Dr Brown. Fortnightly, Sessional.
For B.A. History, optional subject English Constitutional History c. 1530–1914 (second and third years).
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 1970–71.

338 English Economic History (Classes)
Dr Bridbury and others. Sessional.
For B.A. History, optional subject English Economic History.

339 Diplomatic History, 1814–1945 (Classes)
Mr Bullen.
For B.A. History, optional subject Diplomatic History, 1814–1945.

340 The Economy of England: 1350–1500 (Intercollegiate Classes)
Miss O. P. Coleman and Dr Bridbury, Michaelmas and Summer Terms, at L.S.E. Mr Hodgett, Lent Term, at King's College.
For B.A. History, special subject The Economy of England in the Fifteenth Century.

341 Florence during the Renaissance, 1464–1512 (Intercollegiate Classes)
Sessional. Till November at L.S.E., Dr Waley. Thereafter at Westfield College.
For B.A. History, special subject Florence during the Renaissance, 1464–1512.

342 The Eastern Question, 1875–1881 (Intercollegiate Seminar)
Dr Bourne and Mr Parry. Starting in the Summer Term 1970 for the 1971 finalists.
For B.A. History, special subject The Eastern Question, 1875–1881.

Note: Intercollegiate lecture courses covering the field of Mediaeval European History from 400–1500 and Modern European History from 1500 to the present day 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. 291: **International History, 1494–1815**
No. 292: **International History, 1815–1914**
No. 293: **International History since 1914**
No. 511: **Three Key Mediaeval Political Thinkers**
No. 512: **Political Thought from Hobbes to Burke**

Industrial Relations

Industrial Relations

348 Industrial Relations

Professor Roberts and Mr Loveridge. Twenty lectures, Michaelmas and Lent Terms.

For graduate students; Trade Union Studies course; Dip. Personnel Management. **First ten lectures only:** for B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch III, 7e; B.Sc. (Econ.) Part II: *Industrial Sociology,* IX 8f (third year).

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 Ministry of Labour 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;* 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;* J. H. Goldthorpe *et al.*, *The Affluent Worker: Industrial Attitudes and Behaviour;* United Kingdom Ministry of Labour, *Industrial Relations Handbook;* G. D. H. Cole, *A Short History of the British Working-Class Movement;* 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.;* Eric Wigham, *What's Wrong with the Unions?;* J. Dunlop, *Industrial Relations Systems;* W. Milne-Bailey, *Trade Unions and the State;* Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968; Research Papers published by the Royal Commission, Nos. 1–11; *In Place of Strife—A Policy for Industrial Relations* (Cmnd. 3888, 1969); E. Schneider, *Industrial Sociology;* W. E. Moore, *Industrial Relations and the Social Order;* W. McCarthy, *The Closed Shop in Britain;* V. L. Allen, *Trade Unions and the Government;* R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations;* A. Flanders, "The Internal Social Responsibilities of Industry" (*British Journal of Industrial Relations*, Vol. IV, No. 1, March 1966); R. A. Lester, *As Unions Mature;* W. H. Scott *et al.*, *Technical Change and Industrial Relations;* T. T. Patterson, *Glasgow Ltd.;* A. Sturmthal, *Contemporary Collective Bargaining;* M. Fogarty, *The Just Wage;* F. J. Bayliss, *British Wages Councils;* A. Flanders (Ed.), *Collective Bargaining.*

348(a) Industrial Relations (Class)

Sessional.

For the Trade Union Studies course.

348(b) Industrial Relations (Class)

Professor Roberts and Mr Loveridge. Sessional.

For M.Sc. students.

349 Trade Unions in Britain: a Political History

Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; Dip. Personnel Management; 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, *Short History of the Working Class; 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.*

350 Theories in Industrial Relations

Mr Loveridge. Ten lectures, Michaelmas Term.

For graduate students.

Syllabus The course will cover the theories of the Webbs, Hoxie, Perlman, Tannenbaum, Dunlop, Kerr, Lester, Flanders etc.

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.*

351 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., the British Commonwealth 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, *National Wages Policy in War and Peace;* 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.*

352 Labour Problems

Professor Roberts, Dr Primorac and Mr Thurley. Sessional.

An interdisciplinary seminar on the problems of labour economics and industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

353 Industrial Sociology

Mr Thurley. 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 industrialization, 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; 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.*

353(a) Industrial Sociology

Weekly tutorial groups for those taking Course No. 353.

353(b) Industrial Sociology

Mr Thurley. Twenty-four lectures, Sessional.

For Dip. Personnel Management.

Syllabus An introduction to industrial sociology and analysis of personnel management policy and practice (selection, promotion, training, payment, consultation, work organization) in terms of these concepts.

353(c) Industrial Sociology

Theories and Methods. Tutorial groups for those taking Course No. 353(b).

353(d) Industrial Sociology (Class)

For Trade Union Studies course.

354 Introduction to Industrial Sociology

Mr Thurley. Twenty lectures, Michaelmas and Lent Terms.

For graduate students in Industrial Relations.

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.*

355 Trade Union Problems (Seminar)
Mr Loveridge and guest speakers. Lent and Summer Terms.
Admission is strictly limited to the Trade Union Studies course.

356 Industrial Relations (Case Study Seminars)
Professor Roberts, Miss Seear and Mr R. M. Lewis. Lent and Summer Terms.
For Dip. Personnel Management; Trade Union Studies course; graduate students.

357 Labour Statistics
Mr Bosanquet. Eight lectures, Lent Term.
For Dip. Personnel Management; M.Sc.: Industrial Relations; Trade Union Studies course.
Syllabus Statistics of employment and unemployment, wages, earnings and cost of living. Special problems such as absenteeism, labour turnover, short-time and overtime working, manpower forecasting.

Students are also referred to the following courses:

No. 39: **Labour Economics**

No. 73: **Labour Economics**

No. 447: **Elements of Labour Law**

No. 761: **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.

International Studies

Many of the subjects in which instruction is given at the School are relevant to the student of international affairs, who will find amongst the courses of study listed under the heads, for example, of Anthropology, Geography and Government several that will be of interest to him. There should, however, be singled out for special mention the courses of instruction listed under the heads of:

International Economics: Courses 50, 68–71
International History: Courses 288–320
International Law: Course 431
and, particularly,
International Relations: Courses 580–626

Language Studies

365 Linguistics (General)
366 French
367 Spanish
368 German
369 Italian
370 Russian
370 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, 5–6 Clements Inn, 5th floor.

Language Studies

(English, French, German, Italian, 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

360 Introduction to General Linguistics

(i) Miss Aitchison. Twenty-five lectures, Sessional.

For all B.A. degrees in Language Studies (first year).

(ii) Michaelmas Term.

For B.Sc. (Soc. Anth.) Part III, 2b (i).

Syllabus Scope of General Linguistics, descriptive, comparative and historical. Language as structured symbolic activity; the emic/etic distinction, langue v. parole, code v. message; levels of analysis; form and meaning; phonology, morphology, syntax; change and stability in linguistic systems, convergence and divergence; genetic relationship and affinity; language and dialect; important language families; written and spoken forms of language, notions of purism and correctness, social judgments.

Recommended reading E. Sapir, *Language;* A. Martinet, *Eléments de linguistique générale;* H. A. Gleason, *An Introduction to Descriptive Linguistics* (2nd edn.); R. H. Robins, *General Linguistics: An Introductory Survey;* F. de Saussure, *Cours de Linguistique générale* (4th edn.); L. Bloomfield, *Language.*

360(a) Introduction to General Linguistics (Class)

Miss Aitchison. Fortnightly, Sessional.

For B.A. French/Ling.; Ger./Ling. (first year).

360(b) Introduction to General Linguistics (Class)

Michaelmas Term.

For B.Sc. (Soc. Anth.) Part III, 2b (i).

361 Introduction to General Phonetics

Dr Denison and others. Twenty lectures, Michaelmas and Lent Terms.

For all B.A. degrees in Language Studies (first year).

Syllabus Elementary articulatory and acoustic phonetics.

Recommended reading K. L. Pike, *Phonetics;* D. Jones, *The Phoneme;* L. E. Armstrong, *The Phonetics of French;* L. E. Armstrong and I. C. Ward, *A Handbook of English Intonation;* I. C. Ward, *The Phonetics of English;* B. Malmberg, *La Phonétique* (No. 637 in '*Que sais-je*' series); D. Jones, *An Outline of English Phonetics* (9th edn.); P. Ladefoged, *Elements of Acoustic Phonetics;* D. A. Abercrombie, *Elements of General Phonetics.*

361(a) Introduction to General Phonetics (Class)

Dr Denison. Fortnightly, Sessional

For B.A. French/Ling.; Ger./Ling. (first year).

361(b) Phonetics (Class)

Mr Durkin and Miss Aitchison. Fortnightly, Sessional.

For B.A. French/Ling.; Ger./Ling. (second year).

362 Grammatical Theory
Mr Durkin. Sessional.
For B.A. French/Ling.; Ger./Ling. (second year).
Syllabus and **reading list** to be announced.

363 Historical Linguistics
Miss Aitchison. Michaelmas Term.
For B.A. French/Ling. 4 and 5a; Ger./Ling. 6 (second year).
Syllabus and **reading list** to be announced.

364 Sociolinguistics
Dr Denison. Lent Term.
For B.A. French/Ling. 4 and 5c; Ger./Ling. 8 (second year).
Syllabus and **reading list** to be announced.

365 Language and Society (Seminar)
Dr Denison, Mr Hotopf and Professor Freedman. Summer Term.
For graduate students.

FRENCH

366(i) The History of the French Language, I
Dr George. Twenty-five lectures, Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first year).
Recommended reading A. Ewert, *The French Language;* W. von Wartburg, *Evolution et structure de la langue française* (6th edn.); C. Bruneau, *Petite histoire de la langue française*, Vol. I, *Des origines à la Révolution* (3rd edn.).

366(ii) The History of the French Language, II
Dr George. Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (second year).

367 An Outline of Nineteenth and Twentieth Century French Literature
Dr George. Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first year).

367(a) An Outline of Nineteenth and Twentieth Century French Literature (Class)
Fortnightly, Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first year).

368 Selected Topics from Nineteenth and Twentieth Century French Literature
Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (second year).

368(a) Nineteenth and Twentieth Century French Literature (Class)
Fortnightly, Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (second year).

369 French Essay and Translation (Classes)
Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: French.*

370(i) French Essay and Translation (Classes)
Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (second year).

370(ii) French Essay and Translation (Classes)
Sessional. These classes will not be given in the session 1969–70.
For B.A. French/Ling.; French/Spanish; Ger./French: French/Russian (fourth year).

371(i) French Essay and Translation (Classes)
Sessional.
For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

371(ii) French Essay and Translation (Classes)
Sessional.
For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

372 French Contemporary Texts and Discussion (Class)
Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: French.*

373(i) French Political and Social Texts from 1815 (Class)
Sessional.
For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

373(ii) French Political and Social Texts from 1815 (Class)
Sessional.
For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

374 History of France since 1870
Dr Tint. Michaelmas and Lent Terms.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (first and second years).

375 French Special Subjects
Sessional.
For B.A. French/Ling.; French/Spanish; Ger./French; French/Russian (second year).

376 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

377(i) The History of the Spanish Language, I
This course will be given in the session 1970–71.
For B.A. French/Spanish; Ger./Spanish (first and second years).

377(ii) The History of the Spanish Language, II
Mr Gooch. Sessional.
For B.A. French/Spanish; Ger./Spanish (first and second years).

378 Spanish Translation I (Class)
Mr Gooch. Sessional.
For B.A. French/Spanish; Ger./Spanish (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: Spanish.*

379 Spanish Contemporary Texts and Discussion (Class)
Mr Gooch. Sessional.
For B.A. French/Spanish; Ger./Spanish (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign, Language: Spanish.*
Recommended reading There are no prescribed texts, but students will find the following books helpful: L. C. Harmer and F. J. Norton, *A Manual of Modern Spanish;* R. K. Spaulding, *Syntax of the Spanish Verb;* R. K. Spaulding, *How*

Spanish Grew; W. C. Atkinson, *A History of Spain and Portugal;* J. García López, *Historia de la literatura Española;* F. Eguiagaray, *Historia contemporánea de España.*

380(i) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish (second year).

380(ii) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional. These classes will not be given in the session 1969–70.

For B.A. French/Spanish; Ger./Spanish (fourth year).

381(i) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

381(ii) Spanish Essay and Translation (Classes)
Mr Gooch. Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

382 Selected Nineteenth and Twentieth Century Spanish Authors
Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish (first year); B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second and third years).

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

383(i) The History of the German Language, I
Dr Denison

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (first year).

383(ii) The History of the German Language, II
Mr Durkin. Sessional.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (second year).

384 German Translation I (Class)
Sessional.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: German.*

385 German Contemporary Texts and Discussion (Class)
Sessional.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An approved Modern Foreign Language: German.*

386(i) German Essay and Translation (Classes)
Sessional.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (second year).

386(ii) German Essay and Translation (Classes)
Sessional. These classes will not be given in the session 1969–70.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (fourth year).

387(i) German Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: German*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

387(ii) German Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: German*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

388 Selected Nineteenth and Twentieth Century German Authors
Sessional.

For B.A. Ger./Ling.; Ger./French; Ger./Spanish; Ger./Russian (first year); B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: German*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second and third years).

Students who wish to study German at any level (including beginners), outside the framework of courses for examination, should consult the Secretary of the Department as early as possible in the session.

ITALIAN

389 Italian Translation I (Class)
Sessional.

For B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: Italian.*

390 Italian Contemporary Texts and Discussion (Class)
Sessional.

For B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: Italian.*

Recommended reading There are no prescribed texts, but students will find the following books helpful: D. Mack Smith, *Italy, a Modern History;* M. Grindrod, *The Rebuilding of Italy;* D. S. Walker, *A Geography of Italy;* S. Clough, *The Economic History of Modern Italy;* V. Lutz, *Italy, A Study in Economic Development;* F. Chabad, *L'Italia Contemporanea;* G. Procacci, *Storia degli Italiani.*

391(i) Italian Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Italian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

391(ii) Italian Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Italian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

392 Selected Nineteenth and Twentieth Century Italian Authors
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Italian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second and third years).

Students who wish to study Italian at any level (including beginners), outside the framework of courses for examination, should consult the Secretary of the Department as early as possible in the session.

RUSSIAN

393 Russian Translation I (Class)
Sessional.

For B.A. French/Russian; Ger./Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: Russian.*

394 Russian Contemporary Texts and Discussion (Class)
Weekly, Sessional.

For B.A. French/Russian; Ger./Russian (first year); B.Sc. (Econ.) Part I: alternative subject 11, *An Approved Modern Foreign Language: Russian.*

Suggested reading There are no prescribed texts, but students will find the following books helpful: I. M. Pulkina, *A Short Russian Reference Grammar;* D. Ward, *Russian Pronunciation;* V. Klepko, *Stress in Russian;* P. Henry, *Russian Prose Composition;* R. Charques, *A Short History of Russia;* M. Slonim, *An Outline of Russian Literature*, Vols. I and II; *Soviet Short Stories* (Penguin); D. Ward, *Russian Today.*

395(i) Russian Essay and Translation (Classes)
Sessional.

For B.A. French/Russian; Ger./Russian (second year).

395(ii) Russian Essay and Translation (Classes)
Sessional. These classes will not be given in the session 1969–70.

For B.A. French/Russian; Ger./Russian (fourth year).

396(i) Russian Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Russian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second year).

396(ii) Russian Essay and Translation (Classes)
Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Russian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (third year).

397 Selected Nineteenth and Twentieth Century Russian Authors
Sessional.

For B.A. French/Russian; Ger./Russian (first year); B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Russian*, I 3c; III 3d; VI 8d; VII 7 and 8i; VIII 3f; XII 8g; XIV 3d; XV 5 and 6c (second and third years).

Students who wish to study Russian at any level (including beginners), outside the framework of courses for examination, should consult the Secretary of the Department as early as possible in the session.

ENGLISH

401 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. Bradley, *The Making of English;* H. W. Fowler, *Modern English Usage; The Concise Oxford Dictionary;* G. H. Vallins, *The Pattern of English.*

401(a) English as a Foreign Language (Class)
Mr Chapman. In connection with Course No. 401.

For the discussion of written work and problems of contemporary usage. Admission will be by permission of Mr Chapman.

402 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.*

403 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.*

404 History of English Style
Mr Chapman. Sessional.

For students of English as a foreign language.

Syllabus Comparative study of prose style from the seventeenth century, with particular attention to modern writing, including scientific, technical and political texts. Students will be expected to buy a copy of *English Essays*, edited by W. E. Williams (Penguin Books).

Law

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

416 English Legal System

Mr Zander and Professor Milsom. 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; the law merchant; 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, phone tapping; arrest; bail.
(f) *The Trial:*
(1) Proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal trials; rules of evidence. The jury.
(2) Remedies; enforcement of judgments; sentencing. The appeal process. The costs of litigation; legal aid; right to counsel.
(g) *The legal profession:* judges, barristers and solicitors.
PRESCRIBED TEXTBOOK: R. M. Jackson, *The Machinery of Justice in England.*

Recommended reading G. R. Y. Radcliffe and G. Cross, *The English Legal System;* O. Hood Phillips, *A First Book of English Law;* G. L. Williams, *Proof of Guilt;* P. A. Devlin, *The Criminal Prosecution in England; Trial by Jury;* P. Archer, *The Queen's Courts;* S. Bedford, *Faces of Justice; The Best We Can Do;* C. K. Allen, *Law in the Making;* R. E. Megarry, *The Lawyer and Litigant in England;* B. Abel-Smith and R. Stephens, *In Quest of Justice;* M. Zander, *Lawyers and the Public Interest*.
Students should consult the latest editions of these books.

Note Students are also required to attend Course No. 24 Topics in Applied Economics.

417 Introduction to Public Law: Elements of Government

Professor Griffith, Mr Thornberry and others. Twenty-four lectures, Sessional.

For LL.B. Intermediate; B.Sc. (Soc.) Branch III, 2 (first year). Optional for Dip. Soc. Admin. (first year and one-year).

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 O. Hood Phillips, *Constitutional and Administrative Law* or E. C. S. Wade and G. G. Phillips,

Constitutional Law; J. A. G. Griffith and H. Street, *Principles of Administrative Law;* W. I. Jennings, *The Law and the Constitution;* R. F. V. Heuston, *Essays in Constitutional Law.*
FURTHER READING AND REFERENCE: D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* or O. Hood Phillips, *Leading Cases in Constitutional Law;* J. A. G. Griffith and H. Street, *A Casebook of Administrative Law;* A. V. Dicey, *Introduction to the Study of the Law of Constitution;* W. I. Jennings, *Principles of Local Government Law; Parliament; Cabinet Government;* J. P. Mackintosh, *The British Cabinet;* G. C. Moodie, *The Government of Great Britain;* G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* L. S. Amery, *Thoughts on the Constitution;* A. H. Birch, *Representative and Responsible Government;* W. J. M. Mackenzie and J. W. Grove, *Central Administration in Britain;* R. T. McKenzie, *British Political Parties;* Eric Taylor, *The House of Commons at Work;* W. E. Jackson, *Local Government in England and Wales;* W. A. Robson, *Nationalised Industry and Public Ownership.*
Students should consult the latest editions of these books.

418 Introduction to Law of Contract

Professor Grunfeld. Thirty 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.
Privity of contract and its problems.
(Note: assignment and agency are as such excluded.)
Performance: agreed variation and abrogation; discharge by breach and frustration.
Remedies for breach (in outline). Quasi-contractual remedies (in outline).

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. K. W. Wedderburn); 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;* P. S. Atiyah, *The Sale of Goods;* J. F. Wilson, *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;* R. Lowe, *Sale of Goods and Hire Purchase;* V. Korah, *Monopolies and Restrictive Practices;* R. Stevens and B. S. Yamey, *The Restrictive Practices Court.*
Students should consult the latest editions of these books.

419 Introduction to Law of Tort

Mr Dean. Twenty-nine lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate.

Syllabus *Part I: Introduction.*
General observations: a brief examination of the various interests protected by the law of tort and the mental element involved in tort generally.
Part II: 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) Chattels. This covers trespass to chattels, conversion and detinue.
(c) Trespass to land.
(d) General defences to intentional torts to persons and property.
Part III: Negligent invasions of interests in person and property.
(a) Negligence generally (including *res ipsa loquitur*) and a brief indication of causation and remoteness. (A full discussion of causation and remoteness is deferred until Part II of the course.)
(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 (briefly: a fuller study is deferred until the second-year course).
(iv) Animals.
(v) Statement (briefly: a fuller examination is deferred until Part II).

Part IV: Invasion of interests in person and property where intentional or negligent conduct need not always be proved.
(a) Nuisance.
(b) *Rylands* v. *Fletcher.*
Part V: Residual interests receiving protection in the law of tort.
(a) Interference with family relations.
(b) Liability between spouses.
(c) Miscellaneous interests.

Recommended reading TEXTBOOKS: J. W. Salmond, *The Law of Torts;* H. Street, *The Law of Torts;* P. H. Winfield, *Textbook on the 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.*
Students should consult the latest editions of these books.

420 Introduction to Law of Property

Professor Milsom. Twenty-four lectures of one-and-a-half hours, Sessional.

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.
Land: tenure; estates; uses and trusts; outline of future interests before 1925; easements 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;* R. E. Megarry, *Manual of Real Property;* J. Crossley Vaines, *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.

421 Criminal Law

Mr Hall Williams and Mr. D. A. Thomas.
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;* G. L. Williams, *Criminal Law: The General Part;* 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); 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;* 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.

422 Sentencing and the Treatment of Offenders

Mr Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Part I; B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year); 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;* R. Hood, *Sentencing in Magistrates' Courts;* B. Wootton, *Crime and the Criminal Law;* 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*, April 1964.

423 Law of Contract and Tort

Professor Grunfeld, Mr Dean and Mrs Reid. Twenty-five lectures, Sessional.

For LL.B. Part I.

Syllabus *Contract.*
I. Illegality: public policy and contracts void or illegal by statute; judicial and statutory control of "freedom of contract".
II. Remedies in the modern law; problems of certain types of contract (e.g. penalties and hire purchase). See *Tort* III.
III. Agency (in outline); the problems of "the third party" reconsidered. See *Tort* II (e).
IV. Misrepresentation, collateral contracts and tort liability; the innocent statement in modern English law and society. See *Tort* IV (a).
V. Contractual and other obligations; the future of "free contract" in types of commercial and industrial relations; "status" and "contract"; the relationship with "quasi-contract" or "restitution"; the impact of insurance. See *Tort* IV (d).

Syllabus *Tort.*
I. Defamation and injurious falsehood.
II. Economic Tort etc.: (a) Employer's duty of care to workmen; (b) Servants and independent contractors etc.; (c) Breach of statutory duty; (d) Legal position of Trade Unions; (e) Conspiracy, interference with contract and intimidation; (f) Examination of Trade Disputes Act (in outline).
III. Remedies in Tort: particular attention will be paid to: (a) Damages; (b) Effect of death; (c) Limitation.
IV. A closer study of certain contract-tort relationships (this, in particular, will be closely linked with aspects of the Contract course).
(a) Effect of statements in contract and tort. Negligent misstatements, collateral contracts, deceit etc. See *Contract* IV.

(b) Business interests in contract and tort.
(c) Remoteness of damage in contract and tort. See *Contract* II.
(d) A study of the nature of civil liability in modern society. Negligence; strict liability; insurance; state schemes; any foreign schemes worthy of analysis for comparative purposes.
(e) Gaps and defects in the field of contract and tort.

Recommended reading As in 418 and 419 above.

Note Although the teaching of Contract and Tort is combined for Part I, there will be a separate examination paper in each subject.

424 Law of Real and Personal Property

Dr Valentine and Mr J. M. Evans. Fifty lectures, Sessional.

For LL.B. Part I.

Syllabus Freedom of disposition of property; entails and future interests; 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.
Freedom of use of property: rights and duties of proprietors; easements, covenants and public rights over property; governmental control; planning; compulsory purchase.
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;* J. A. Nathan, *Equity through the Cases.*
FURTHER REFERENCE: R. E. Megarry and H. W. R. Wade, *Law of Real Property;* 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;* P. H. Pettit, *Equity and the Law of Trusts;* D. B. Parker and A. R. Mellows, *The Modern Law of Trusts;* A. E. Telling, *Planning Law and Procedure;* G. W. Keeton, *Social Change in the Law of Trusts;* D. W. M. Waters, *The Constructive Trust;* G. H. Curtiss and T. B. F. Ruoff, *Registered Conveyancing.*
Students should consult the latest editions of these books.

425 Public Law

Professor de Smith, Dr Leigh and Mr Thornberry. 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 Introduction to Public Law, 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;* D. Williams, *Not in the Public Interest; Keeping the Peace;* S. A. de Smith, *Judicial Review of Administrative Action; The New Commonwealth and its Constitution* (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.*
Students should consult the latest editions of these books.

426 Law and Social Policy

Various lecturers. Twenty lectures, Sessional. Arranged by Professor Griffith.

For LL.B. Part I. Optional for B.Sc.(Soc.) Branch III (second year); Dip. Soc. Admin. (second year).

Syllabus I. The characteristics of contemporary English society: its urban and industrial nature; its political and economic assumptions; its social stratification and employment structure; its moral and religious foundations. The effects of these characteristics and of international influences on the shaping of English Law.
II. Social policy and private rights and interests: property rights and housing legislation; contractual rights in relation to standard clauses, restrictive trade practices, hire purchase agreements and contracts of employment; prostitution and homosexuality; race relations; freedom of expression and the law of defamation; the rules governing contempt of court and censorship; the use of the highway; a comparison of the purposes and effects of (a) civil liability and compensation for road accidents, and insurance; (b) the law relating to driving and traffic offences; (c) the Buchanan Report on Traffic in Towns.

Note The content of the course may be changed from time to time.

427 Jurisprudence

Mrs Reid, Mr J. W. Harris, Mr Rickford and Dr Lapenna. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. The nature and function of law: law, sovereignty and the state. Law and other forms of social control: law and morality; law and custom. Characteristics and structure of a legal system.
2. The legal process: principles of legislation, codification and law reform; comparison of common law and civil law systems and methods. Legal reasoning and social policy in the judicial process. Realist and sociological theories of the judicial function.
3. Law and social change: interaction of social and economic forces and legal change. Marxist theory and theories of interests. The function of the main branches of the law and their basic concepts.
Special topics for 1969–70 are law and morals; rights and duties; the general principles of responsibility and punishment.

Recommended reading will be given during the course.

428 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.

429 Administrative Law with special reference to Local Government

Professor Griffith. Ten lectures of two hours, 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* (7th edn.); W. I. Jennings, *Principles of Local Government Law* (4th edn.).
ADDITIONAL READING: R. M. Jackson, *The Machinery of Local Government* (7th edn.); C. A. Cross, *Principles of Local Government Law* (2nd edn.); J. A. G. Griffith, *Central Departments and Local Authorities;* W. A. Robson, *Local Government in Crisis;* J. A. G. Griffith and H. Street, *Principles of Administrative Law* (4th edn.); H. W. R. Wade, *Administrative Law*.
GOVERNMENT PUBLICATIONS: 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).

430 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 T. F. T. Plucknett, *Concise History of the Common Law;* 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.

431 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); G. Schwarzenberger, *A Manual of International Law* (5th edn.).
TEXTBOOKS: I. Brownlie, *Principles of International Law;* D. P. O'Connell, *International Law*, 2 Vols.; L. F. L. Oppenheim, *International Law*, Vol. I (8th edn.), Vol. II (7th edn. (Ed.), H. Lauterpacht); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals.*
CASEBOOKS AND MATERIALS: H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (2nd edn.); L. B. Orfield and E. D. Re, *International Law Cases and Materials* (revised 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;* C. Parry, *The Sources and Evidences of International Law;* G. Schwarzenberger, *The Frontiers of International Law;* 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.*

432 Conflict of Laws

Mr Lazar. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus Part I: Fundamental conceptions. The nature and theories of the conflict of laws. Classification and *renvoi.* Public policy. English statutes and conflict of laws. Domicile. Status of individuals.
Part II: Choice of Law.
Family Law: (a) Husband and wife; validity of marriage; nullity and divorce (including matrimonial jurisdiction of English courts and recognition of foreign decrees); mutual rights of husband and wife.
(b) Parent and child; legitimacy; legitimation; adoption; guardianship; lunacy.
Corporations.
Contracts: The proper law doctrine; formal and essential validity; interpretation; effects and discharge of contracts.

Torts.
Property: Movable and immovable, tangible and intangible; particular assignments of property; effect of marriage on property.
Succession: Validity and construction of wills; distribution of estates on intestacy and under wills; administration of deceaseds' estates; exercise by will of powers of appointment.
Part III: Choice of Jurisdiction.
Jurisdiction of English courts; recognition and enforcement of foreign judgments.
Part IV: Procedure and Proof of Foreign Law.
The study of Conflict of Laws is conducted with regard to the social, economic and political implications of the English law. Reference is also made to general concepts in those of the civil law and other common law systems which are relevant to a proper understanding and evaluation of the principles of the English conflict of laws.

Recommended reading G. C. Cheshire, *Private International Law;* R. H. Graveson, *Conflict of Laws;* J. H. C. Morris, *Cases on Private International Law;* P. R. H. Webb and D. J. L. Brown, *A Casebook on the Conflict of Laws.*
PRELIMINARY READING: J. A. C. Thomas, *Private International Law.*
REFERENCE: A. V. Dicey and J. H. C. Morris, *Conflict of Laws;* J. D. Falconbridge, *Essays on the Conflict of Laws;* M. Wolff, *Private International Law.*
Students should consult the latest editions of these books.
PERIODICALS: Articles on this subject in *The British Year Book of International Law; The Law Quarterly Review; The International and Comparative Law Quarterly; The Modern Law Review.*

433 The Administration of Estates and Trusts

Dr Stone. Thirty-five 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 D. Hughes Parry, *The Law of Succession* (from chap. 4); P. H. Pettit, *Equity and the Law of Trusts* (chaps. 8–12) or D. B. Parker and A. L. Mellows, *The Modern Law of Trusts* (chaps. 9–19); Nathan and Marshall, *A Casebook on Trusts; Snell's Principles of Equity* (Part II, chaps. 6–9, Part III); B. Pinson, *Revenue Law* (Introduction, chaps. 9, 10, 19–32 and extracts from other chaps.) or C. N. Beattie, *The Elements of Estate Duty* and C. N. Beattie, *Elements of the Law of Income Tax and Capital Gains Taxation* (Introduction, chap. 8 and extracts from other chaps.).
FURTHER READING: *Williams on Executors and Administrators;* D. C. Potter and J. Monroe, *Tax Planning with Precedents*, (chaps. 3, 4 and 11); J. Philip Lawton, *Tax Planning for the Family Solicitor* (chaps. 3, 4 and 10).
Students should consult the latest editions of all books.

434 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); 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.

435 Labour Law

Professor Grunfeld, Mrs Aikin and Mrs Reid. Thirty lectures, Michaelmas and Lent Terms.
For LL.B. Part II.

Syllabus The scope and sources of Labour Law (Industrial Law). The "servant" at common law; employees and "workmen" under statutes. The contract of employment: formation; effect; obligations of employer and employee, express and implied. Termination of the contract and remedies for breach. Public policy and restraint of trade.
Statutes affecting employment: for example in regard to written particulars of terms; payment of wages; minimum remuneration and holidays; notice to terminate; hours of work; special groups of workers such as children, young persons and women; redundancy payments.
Outline of the law relating to social security: sickness, unemployment and industrial injuries and disablement benefit.
Collective agreements and their legal framework: their relationship with the contract of employment. Legislation connected with collective bargaining, including statutes on prices and incomes policy. Fair wages clauses.
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 central and local authorities responsible for enforcement. Methods of inspection. Compensation for injured employees.
Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.
The legal aspects of trade disputes; strikes and lock-outs. Criminal and civil liability for acts done in connection with industrial conflict. The effect of statute. The impact on trade disputes of social security law.
Conciliation, arbitration, committees and courts of inquiry. Voluntary and statutory machinery. The place of the Ministry of Labour. The influence of the International Labour Office on the development of British Labour Law.

Recommended reading K. W. Wedderburn, *The Worker and the Law;* C. Grunfeld, *Modern Trade Union Law;* W. Mansfield Cooper and J. Wood, *Outlines of Industrial Law;* Report of Royal Commission on

Trade Unions and Employers' Associations; K. W. Wedderburn, *Cases and Materials on Labour Law;* U.K. Ministry of Labour, *Evidence to Royal Commission on Trade Unions*, 1965; U.K. Department of Employment and Productivity, *Industrial Relations Handbook;* A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* O. Kahn-Freund, *Labour Law: Old Traditions and New Developments; In Place of Strife—A Policy for Industrial Relations* (Cmnd. 3888, 1969); Conservative Political Centre, *Fair Deal at Work;* A. Flanders, *Trade Unions* (1968 edn.); J. H. Munkman, *Employers' Liability at Common Law;* A. Redgrave, *Factories, Truck and Shop Acts;* N. Citrine, *Trade Union Law;* O. Kahn-Freund (Ed.), *Labour Relations and the Law;* F. R. Batt, *The Law of Master and Servant;* D. C. L. Potter and D. H. Stansfield, *National Insurance; The National Insurance (Industrial Injuries) Act*, 1946; 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;* I. G. Sharp, *Industrial Conciliation and Arbitration in Great 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;* C. Jenkins and J. Mortimer, *British Trade Unions Today;* G. Fridman, *Modern Law of Employment*.
Students should consult the latest editions of these books.

436 Domestic Relations

Dr Stone and Mrs Aikin. 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 High Court in respect of alimony, maintenance, periodical payments and variation of settlements. 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: defences; absolute and discretionary bars. 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; *Report of the Royal Commission on Marriage and Divorce* (Morton Commission) (Cmd. 9678, 1956); Law Commission, *Reform of the Grounds of Divorce* (Cmnd. 3123); Law Commission, *Proof of Paternity in Civil Proceedings* and other reports.
TEXTBOOKS: P. M. Bromley, *Family Law;* J. Jackson, *The Law Relating to the Formation and Annulment of Marriage;* L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Court;* W. Clarke Hall and A. C. L. Morrison, *Law Relating to Children and Young Persons;* D. Tolstoy, *The Law and Practice of Divorce*.
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;* J. Biggs, *The Concept of Matrimonial Cruelty; Report of the Committee on the Care of Children* (Curtis Committee) (Cmd. 6922); C. Foote, R. J. Levy and F. E. A. Sander, *Cases and Materials on Family Law.*

437 The Law of Business Associations

Dr Leigh and Mr Pickering. 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 never 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;* 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;* 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.

438 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; contempt of court and Parliament.
(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.

Further reading will be given during the course.

439 The Law Relating to Sentencing in England and Wales

Mr D. A. Thomas. 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 Housing in England and Wales

Professor Griffith. Ten lectures, Lent Term.

For LL.B. Part II.

Syllabus Local housing authorities and the Ministry of Housing and Local Government.
The treatment of unfit houses. The individual house. Groups of unfit houses. Clearance and compulsory purchase.
The improvement of houses. Provision of housing accommodation by local authorities. Finance of local authority housing.

Recommended reading Housing Acts, 1957 and 1964; Acquisition of Land (Authorisation Procedure) Act, 1946; Compulsory Purchase Act, 1965; Housing (Slum Clearance Compensation) Act, 1965; W. O. Hart, *Introduction to the Law of Local Government and Administration* (8th edn., esp. chap. 20); J. B. Cullingworth, *Housing and Local Government;* D. V. Donnison, *The Government of Housing;* J. A. G. Griffith, *Central Departments and Local Authorities*, chap. 4.

441 The Law Relating to the International Protection of Human Rights

Mr Thornberry. Ten meetings, Michaelmas Term.

For LL.B. Part II. Others may attend by permission of Mr Thornberry.

Syllabus The sources and nature of public international law: its traditional role in respect of the individual; its institutions. States: the classic subjects. The role of nationality. Positivism and naturalism. The law of state responsibility (in outline) with special regard to the local remedies rule. The public character of international law claims and the role of diplomacy. Early attempts to temper the absolute control of the nation-state on the international level. Anti-slavery, the International Red Cross, protection of minorities. The League of Nations. The International Labour Organisation. The significance of war crimes trials. The United Nations Charter, the Universal Declaration on Human Rights. The mandates system, trusteeship, anti-colonialism. Development of non-governmental organisations. International protection of refugees, stateless persons. U.N. Covenants. The trend to regionalism in international law.
Human Rights in Western Europe. Conventions and protocols. Relationship to European integration. Institutions, personnel and procedures of the Commission, Court and Committee of Ministers. Developing jurisprudence of Commission and Court. Britain and the Convention.

Recommended reading will be given during the course.

COURSES INTENDED PRIMARILY FOR B.Sc. (ECON.) STUDENTS

442 English Legal Institutions

Mr Zander and Mr Thornberry. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 5, *English Legal Institutions.*

Syllabus The nature and origins of law. Historical outline of English Law and the development of Common Law and Equity, including mortgages, trusts and equitable remedies. Sources of law: case law and the theory of binding precedent; legislation and statutory interpretation; custom. The organization of the courts: their jurisdiction and the types of cases with which they deal. Administrative Tribunals. Arbitration. The personnel of the law, including judges, magistrates, juries, barristers and solicitors. An outline of procedure and evidence. Legal aid and advice. Codification. Law reform.

Recommended reading PRELIMINARY READING: G. L. Williams, *Learning the Law;* P. Archer, *The Queen's Courts;* W. M. Geldart, *Elements of English Law.*

TEXTBOOKS: R. M. Jackson, *The Machinery of Justice in England;* O. Hood Phillips, *A First Book of English Law;* P. S. James, *An Introduction to English Law.*
FURTHER READING: A. T. Denning, *Freedom under the Law; The Changing Law; The Road to Justice;* P. A. Devlin, *The Criminal Prosecution in England; Trial by Jury; Samples of Lawmaking; The Enforcement of Morals;* G. L. Williams, *The Proof of Guilt;* F. T. Giles, *The Criminal Law; The Magistrates' Courts; Children and the Law;* R. E. Megarry, *Lawyer and Litigant in England;* B. F. Wootton, *Crime and the Criminal Law.*
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: *Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 5; *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (second year).

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: rights, obligations; assignment.
4 Performance: due performance, calling off the contract, varied performance, failure in performance: (*a*) frustration, (*b*) breach of contract.
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 always use the latest editions of the above books.

444 Elements of Commercial Law B: Partnership and Company

Dr Leigh. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 5 (second year).

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;* L. C. B. Gower, *The Principles of Modern Company Law;* J. Charlesworth, *Company Law.*
FOR REFERENCE: 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

Mr Pickering. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Commercial Law*, IV 6, 7 and 8f; optional for I 3f; III 3f (third year). (Students specializing in Economics, Analytical and Descriptive or in Monetary Economics 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 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.*
FOR REFERENCE: Final Report of the Committee on Consumer Protection 1962 (Cmnd. 1781); 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

Mr Whiteman. Eight lectures, Summer Term (second year). Four lectures, Michaelmas Term (third year).

For B.Sc. (Econ.) Part II: *Commercial Law*, V 5. Optional for I 3f; III 3f. Students specializing in Economics, Analytical and Descriptive or in Monetary Economics should take *either* this course *or* Course No. 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, II and VII of Schedule D and Schedules E and F.

Recommended reading A. R. Prest, *Public Finance*, H. A. R. J. Wilson and K. S. Carmichael, *Income Tax Principles* or C. N. Beattie, *The Elements of Income Tax* or B. Pinson, *Revenue Law.*
FOR REFERENCE: E. E. Spicer and E. C. Pegler, *Income Tax and Profits Tax;* G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax; British Tax Encyclopedia;* Butterworth's *Income Tax Handbook;* current articles in *Taxation* and the *British Tax Review.*
Students should consult the latest editions of these books.

447 Elements of Labour Law

Professor Grunfeld. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (third year); Dip. Personnel Management.

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).

c Collective bargaining and the national prices and incomes policy: voluntary and

compulsory early warning and control systems; National Board for Prices and Incomes.

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.

e Disciplinary powers of management: common law duties of employees; employers' sanctions.

f Termination of employment: the new law of redundancy; unemployment benefit.

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.

Recommended reading W. Mansfield Cooper, *Outlines of Industrial 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; 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;* U.K. Ministry of Labour, *Industrial Relations Handbook* and *Written and Oral Evidence to the Royal Commission on Trade Unions and Employers' Associations;* D. C. L. Potter and D. H. Stansfield, *National Insurance* (Introduction) and *National Insurance* (*Industrial Injuries*) *Act* (Introduction).
FOR REFERENCE: 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;* E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts; Written and Oral Evidence to the Royal Commission of C.B.I. and T.U.C.* Students should consult the latest editions of these books.

448 Constitutional and Administrative Law

Professor de Smith. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Constitutional and Administrative Law*, III 3e; VIII 3b (second year).

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.
The Commonwealth. Status of colonies, protectorates, trust territories and

independent members of the Commonwealth. Relations of Commonwealth countries with the Crown and the United Kingdom. Allegiance and citizenship in the Commonwealth. The Judicial Committee of the Privy Council.

Recommended reading TEXTBOOKS: O. Hood Phillips, *Constitutional and Administrative Law*, or E. C. S. Wade and G. G. Phillips, *Constitutional Law;* J. A. G. Griffith and H. Street, *Principles of Administrative Law;* W. I. Jennings, *The Law and the Constitution;* W. I. Jennings, *Principles of Local Government Law;* D. L. Keir and F. H. Lawson, *Cases in Constitutional Law;* O. Hood Phillips, *Leading Cases in Constitutional Law;* G. Wilson, *Cases and Materials on Constitutional and Administrative Law.*
FURTHER READING AND REFERENCE: R. F. V. Heuston, *Essays in Constitutional Law;* A. V. Dicey, *Introduction to the Study of the Law of the Constitution;* W. I. Jennings, *Cabinet Government;* H. W. R. Wade, *Administrative Law;* J. F. Garner, *Administrative Law;* D. C. M. Yardley, *A Source Book of English Administrative Law;* W. I. Jennings, *Parliament;* W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (chaps. 1–3); W. A. Robson, *Justice and Administrative Law;* S. A. de Smith, *Judicial Review of Administrative Action;* S. A. de Smith, *The New Commonwealth and its Constitutions;* C. K. Allen, *Law and Orders;* C. K. Allen, *Administrative Jurisdiction;* C. T. Carr, *Concerning English Administrative Law;* G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* G. L. Williams, *Crown Proceedings;* H. Street, *Governmental Liability;* W. O. Hart, *Introduction to the Law of Local Government and Administration;* C. A. Cross, *Principles of Local Government Law;* C. J. Hamson, *Executive Discretion and Judicial Control;* I. Zamir, *The Declaratory Judgment;* A. Rubinstein, *Jurisdiction and Illegality;* D. G. T. Williams, *Keeping the Peace;* H. Street, *Freedom, the Individual and the Law;* J. D. B. Mitchell, *Constitutional Law;* J. A. G. Griffith and H. Street, *A Casebook of Administrative Law;* H. Street, *Justice in the Welfare State;* Report of the Committee on Ministers' Powers (Cmd. 4060, 1932); Report of the Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).
Students should consult the latest editions of these books.
PERIODICALS: Articles relevant to this subject appear regularly in *Public Law* and from time to time in *The Modern Law Review* and other legal periodicals.

449 International Law

Professor D. H. N. Johnson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 14, *International Law;* B.Sc. (Econ.) Part II: *International Law*, XII 3b and 8e; XIV 3c (third year); M.Sc.: *International Politics*, XI 1.

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; airspace; 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 TEXTBOOKS: J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.).
CASEBOOKS: L. C. Green, *International Law through the Cases* (2nd edn.); L. B. Orfield and E. D. Re, *International Law Cases and Materials* (revised edn.).
FURTHER READING: W. Friedmann, *The Changing Structure of International Law;* D. P. O'Connell, *International Law* (2 vols.); L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn.); C. Parry, *The Sources and Evidences of International Law;* G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.); *The Frontiers of International Law;* B. Sen, *A Diplomat's Handbook of International Law and Practice.*
PERIODICALS: *The American Journal of International Law; The British Year Book of International Law; The International and Comparative Law Quarterly; International Organisation; The Year Book of World Affairs.*

450 Soviet Law

Dr Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign or Commonwealth Country*, VIII 8c (third year); 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. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II–V; K. Grzybovski, *Soviet Legal Institutions;* J. N. Hazard, *Settling Disputes in Soviet Society;* 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 (Ed.), *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)	**English Legal System**	LL.B. Intermediate
417(a)	**Introduction to Public Law**	LL.B. Intermediate
418(a)	**Introduction to Law of Contract**	LL.B. Intermediate
419(a)	**Introduction to Law of Tort**	LL.B. Intermediate
420(a)	**Introduction to Law of Property**	LL.B. Intermediate
421(a)	**Criminal Law**	LL.B. Part I
423(a)	**Law of Contract and Tort**	LL.B. Part I
424(a)	**Law of Real and Personal Property**	LL.B. Part I
425(a)	**Public Law**	LL.B. Part I
427(a)	**Jurisprudence**	LL.B. Part II
428(a)	**Law of Evidence**	LL.B. Part II
429(a)	**Administrative Law with special reference to Local Government**	LL.B. Part II
430(a)	**History of English Law**	LL.B. Part II
431(a)	**Public International Law**	LL.B. Part II
432(a)	**Conflict of Laws**	LL.B. Part II
433(a)	**The Administration of Estates and Trusts**	LL.B. Part II
434(a)	**Mercantile Law**	LL.B. Part II
435(a)	**Labour Law**	LL.B. Part II
436(a)	**Law of Domestic Relations**	LL.B. Part II
437(a)	**The Law of Business Associations**	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

Subject		*Degrees for which classes are intended*
444(a)	**Elements of Commercial Law: Partnership and Company**	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
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 (U.C.).

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. Common law estates. Conveyances and their effects. Feudalism. Seisin. Inheritance. Personal property. Ownership and possession.
Contract at common law and in law merchant. Ecclesiastical competition.
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 T. F. T. Plucknett, *Concise History of the Common Law* is a general introduction, but it is not sufficiently detailed for the special period. F. Pollock and F. W. Maitland, *History of English Law* should be used as a textbook supplemented by W. S. Holdsworth, *History of English Law* where relevant.
Reference may also be made to the following works on special topics: J. B. Ames, *Lectures on Legal History;* J. B. Thayer, *A Preliminary Treatise on Evidence at Common Law;* F. Pollock and R. S. Wright, *An Essay on Possession in the Common Law;* E. G. M. Fletcher, *The Carrier's Liability;* F. Jouon des Longrais, *La Conception Anglaise de la Saisine;* J. Lambert, *Les Year Books;* P. H. Winfield, *The Chief Sources of English Legal History;* H. U. Kantorowicz, *Bractonian Problems;* T. F. T. Plucknett, *Legislation of Edward I; Early English Legal Literature.*
Students should consult the latest editions of these books.
The publications of the Selden Society and the Ames Foundation and the "Rolls Series" of year books frequently contain introductions of great 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 Constitutional Laws of the Commonwealth, I

(Canada, Australia and *either* India *or* Pakistan)

Professor de Smith, Dr Leigh, Mr Chesterman (K.C.) and Professor Gledhill (S.O.A.S.).

Syllabus CANADA AND AUSTRALIA: The development of responsible government in Canada and Australia (in outline). The growth of constitutional conventions. Restrictions upon competence at common law and the effect of the Statute of Westminster, 1931.
The present constitutional status of Canada and Australia as Members of the Commonwealth.
Problems of federalism illustrated by reference to Canada and Australia.
Procedure for amending the constitution.
The distribution of and the restrictions upon legislative power. The second chamber and provisions for conflicts between the Houses. The structure of the executive. Constitutional position of the Queen, the Governor-General and the Lieutenant-Governor or Governor. The treaty-making power and the power to implement treaties. The judicial system and appeals to the Privy Council. Co-operation and financial relations between the federal and provincial or state governments.
Questions will not be set on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.
Candidates should specify at the time of entry to the examination whether they are offering the Constitutional Law of India or of Pakistan.
INDIA: The development (in outline) of the executive, legislative and judicial authorities in India since 1772; centralization and decentralization; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces and the Governments of Protected States. Communal problems. Problems of Federation with special reference to India.
The constitutional status of India as a Member of the Commonwealth.
The different types of States and territories in India. Distribution of Powers. Restrictions on legislative power. Fundamental Rights. Parliament. Provisions for conflict between the Houses of Parliament and the houses of bicameral State legislatures. The structure, powers and responsibility of the Executives. The constitutional positions and legislative powers of the President, the Governors, and Rajpramukhs. The judicial system: appeals, superintendence, and constitutional writs. Co-operation and financial relations between the Centre and the States. Emergency provisions. Provisions for amending the Constitution.
Questions will not be set on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.
PAKISTAN: The development in outline of the executive, legislative and judicial authorities in India from 1772 to 1947 and in Pakistan from 1947; centralization and decentralization; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces and the Governments of Protected States. Communal problems. Federal problems. Cabinet government and presidential government.
The status of Pakistan as a Member of the Commonwealth.
Distribution of Powers. Principles of Law-Making and Policy. Islamic provisions and the Advisory Council. Other constitutional limitations on legislative and executive powers. The position and powers of the President, Provincial Governors and the Councils of Ministers. Emergency powers. The Central and Provincial Legislatures. Relations between the Centre and the Provinces. Jurisdiction and powers of the Supreme Court and High Courts.
Questions will not be set on the electoral system, parliamentary privilege and procedure, the party system, delegated legislation and administrative tribunals (except in so far as they raise questions of constitutionality), public corporations, the civil service, government liability,

local government or the details of citizenship legislation.

Recommended reading GENERAL: K. C. Wheare, *Federal Government; The Constitutional Structure of the Commonwealth; Modern Constitutions;* W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (relevant portions); G. Sawer (Ed.), *Federalism;* W. S. Livingston, *Federalism and Constitutional Change* (relevant portions).
FOR REFERENCE: K. C. Wheare, *The Statute of Westminster and Dominion Status;* R. McG. Dawson, *The Development of Dominion Status, 1900–1936;* R. B. Stewart, *Treaty Relations of the British Commonwealth of Nations;* J. E. S. Fawcett, *The British Commonwealth in International Law;* G. Marshall, *Parliamentary Sovereignty and the Commonwealth;* S. A. de Smith, *The New Commonwealth and its Constitutions;* Halsbury, *Laws of England* (3rd edn.), Vol. 5, *Commonwealth and Dependencies;* A.B. Keith, *Responsible Government in the Dominions.*

Canada: B. Laskin, *Canadian Constitutional Law;* R. McG. Dawson, *The Government of Canada;* W. P. M. Kennedy, *Essays in Constitutional Law;* F. R. Scott, *Civil Liberties and Canadian Federalism;* W. R. Lederman, *The Courts and the Canadian Constitution.*

FOR REFERENCE: W. P. M. Kennedy, *The Constitution of Canada;* P. Gerin-Lajoie, *Constitutional Amendment in Canada;* The O'Connor Report to the Senate of Canada (1939); Alexander Smith, *The Commerce Power in Canada and the United States;* G. V. La Fourt, *The Allocation of Taxing Power under the Canadian Constitution;* D. Schmeiser, *Civil Liberties in Canada.*

Australia: P. H. Lane, *Some Principles and Sources of Australian Constitutional Law;* W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia;* G. Sawer, *Cases on the Constitution of the Commonwealth of Australia; Australian Government Today; Australian Federalism in the Courts;* J. D. B. Miller, *Australian Government and Politics;* R. Else-Mitchell (Ed.), *Essays on the Australian Constitution;* G. Sawer and others, *Federalism in Australia;* Colin Howard, *Australian Federal Constitutional Law.*

Students will also need to refer to articles on Canadian and Australian constitutional law which have been published in legal periodicals, particularly in *The Canadian Bar Review* and *The Australian Law Journal.*

India: C. H. Alexandrowicz, *Constitutional Developments in India;* A. Gledhill, *The Republic of India, the Development of its Laws and Constitution*, chaps. 1–11; A. Gledhill, *Fundamental Rights in India;* W. I. Jennings, *Some Characteristics of the Indian Constitution;* D. D. Basu, *Commentary on the Constitution of India;* D. D. Basu, *Cases on the Constitution of India* (1950–1951); D. D. Basu, *Cases on the Constitution of India* (1952–1954); M. P. Jain, *Indian Constitutional Law.*
FURTHER READING: Halsbury, *Laws of England*, Vol. 5, paras. 1021–1026; W. I. Jennings, *The Commonwealth in Asia;* V. V. Chitaley and S. Appu Rao, *The Constitution of India;* A. S. Chaudhri, *Constitutional Rights and Limitations.*

Students should also refer to articles on Indian constitutional law in *The International and Comparative Law Quarterly, The Indian Law Review, The Indian Year Book of International Affairs* and *All India Reporter.*

Pakistan: *The Montague-Chelmsford Report;* The Government of India Act, 1935, as amended up to date in its application to Pakistan; H. Cowell, *History and Constitution of the Courts and Legislative Authorities in India;* A. C. Banerjee, *Indian Constitutional Documents*, Vols. I–III; Indian Independence Act; G. B. Joshe, *The New Constitution of India;* K. Venkoba Rao, *The Indian Constitution;* C. M. Shafqat, *Pakistan Constitution;* L. C. Green, "The Status of Pakistan" (*The Indian Law Review*, Vol. VI, p. 65); H. Feldman, *A Constitution for Pakistan;* W. I. Jennings, *Constitutional Problems in Pakistan;* A. Gledhill, *Pakistan: The Development of its Laws and Constitution.*

Students should consult the latest editions of these books.

455 Constitutional Laws of the Commonwealth, II

(other than Australia, India and Pakistan)

Professor de Smith and Mr Read (S.O.A.S.).

Syllabus Special attention will be paid to the constitutions of countries which have become independent or internally self-governing since the end of 1956.
Candidates will not be required to display knowledge of constitutional changes that have occurred within the six months preceding the date of the examination.
I. STATUS AND POWERS:
(*a*) Dependent territories: Acquisition and classification of dependent territories in the Commonwealth. The United Kingdom Parliament and dependent territories. Constituent powers vested in the Crown; status and powers of Governors; the constitutional competence of colonial legislatures; the attainment of internal self-government.
(*b*) Full members of the Commonwealth: Acquisition and relinquishment of full membership; legislative autonomy of full members; the Crown and full members; status of Governors-General; conventions and usages relating to consultation and co-operation within the Commonwealth; surviving legal links.
II. COMPARATIVE CONSTITUTIONAL STRUCTURE OF INDIVIDUAL COUNTRIES:
Federal and unitary constitutions. Distribution of powers and relations between the centre and the units in federations. Devolution within unitary systems. Diarchy.
The executive branch of government. Adaptations of the Westminster model of responsible Cabinet government. Presidential regimes.
The legislatures. Representation of minority groups. Role of second chambers. Status of the Opposition.
Procedure for constitutional amendment. Safeguards against the abuse of majority power: constitutional guarantees and prohibitions.
Bills of rights. Special institutional safeguards against unfair discrimination. Protection of the independence of the judiciary, the public service and the police. Safeguards for the electoral system, the process of prosecution and the auditing of public accounts. The place of traditional elements in modern constitutions.
The courts and judicial review of the constitutionality of legislation.
Recommended reading S. A. de Smith, *The New Commonwealth and its Constitutions;* K. C. Wheare, *Constitutional Structure of the Commonwealth*, K. C. Wheare, *Federal Government;* K. O. Roberts-Wray, *Commonwealth and Colonial Law;* H. W. R. Wade (Ed.), *Annual Survey of Commonwealth Law*, 1965 onwards, chaps. on Constitutional Law.
FURTHER READING: J. D. B. Miller, *The Commonwealth in the World;* P. C. Gordon Walker, *The Commonwealth;* S. A. de Smith, *The Vocabulary of Commonwealth Relations;* G. Marshall, *Parliamentary Sovereignty and the Commonwealth;* J. E. S. Fawcett, *The British Commonwealth in International Law;* M. Wight, *British Colonial Constitutions, 1947* (Introduction); K. Roberts-Wray in *Changing Law in Developing Countries* (Ed. J. N. D. Anderson); W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, chaps. 1–3; W. I. Jennings, *The Approach to Self-Government;* R. D. Watts, *New Federations: Experiments in the Commonwealth;* F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries;* D. P. Currie (Ed.), *Federalism and the New Nations of Africa;* F. Bennion, *Constitutional Law of Ghana;* O. I. Odumosu, *The Nigerian Constitution;* B. O. Nwabueze, *Constitutional Law of the Nigerian Republic;* L. A. Sheridan and H. E. Groves, *The Constitution of Malaysia;* C. Palley, *Constitutional History and Law of Southern Rhodesia;* B. Benedict (Ed.), *Problems of Smaller Territories;* G. Ezejiofor, *Protection of Human Rights under the Law;* D. V. Cowen, *The Foundations of Freedom.*
Students should consult the latest editions of these books.
Reference should also be made to the appropriate volumes in the series *The British Commonwealth: the Development of its Laws and Constitutions* (General Ed. G. W. Keeton) and to articles appearing in *Public Law, Current Legal Problems,*

The International and Comparative Law Quarterly, *Political Studies*, the *Journal of Commonwealth Political Studies* and other recommended journals.

456 Company Law

Dr Leigh 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 J. A. Hornby, *An Introduction to Company Law;* L. C. B. Gower, *The Principles of Modern Company Law; Report of the Company Law Committee* (Jenkins Report) (Cmnd. 1749); J. Charlesworth, *Company Law.* FURTHER READING AND REFERENCE: R. R. Formoy, *The Historical Foundations of Modern Company Law;* M. A. Weinberg, *Takeovers and Amalgamations;* C. A. Cooke, *Corporation Trust and Company;* R. R. Pennington, *The Principles of Company Law;* F. B. Palmer, *Company Law;* D. B. 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;* L. Loss, *Securities Regulation;* 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;* M. Fogarty, *Company and Corporation: One Law?;* 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 and (1965) 28 M.L.R. 347; L. Loss, *Protection of Investors* (1963) 80 S.A.L.J. 53 and 219; A. L. Diamond, *Protection of Depositors Act, 1963* (1963) 26 M.L.R. 680; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; R. R. Pennington, *Genesis of the Floating Charge* (1960) 23 M.L.R. 630; R. Instone, *Archaeology of the Companies Acts* (1962) 25 M.L.R. 406; K. W. Wedderburn, *Oppression of Minority* (1966) 29 M.L.R. 321; J. D. Campbell, *Contracts with Companies* (1959) 75 L.Q.R. 469; M. Pickering, *Shareholders' 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. Students should consult the latest editions of these 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.

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 (S.379 and S.388 schemes 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 TEXTBOOKS: Vol. I of the *British Tax Encyclopedia* (loose leaf), which contains up-to-date material; *Wheatcroft on Capital Gains Taxes; Sophian on the Taxation of Capital Gains.* GENERAL READING: Latest *Report* of Commissioners of Inland Revenue; C. N. Beattie, *Elements of the Law of Income and Capital Gains Taxation;* B. Pinson, *Revenue Law;* Publications of the International Bureau of Fiscal Documentation, Holland. FOR REFERENCE: Butterworth's *Income Tax Handbook; British Tax Encyclopedia,* Vols. 2–5; *Simon on Income Tax.* PERIODICALS: *British Tax Review; Taxation; Accountancy; The Accountant.* Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

458 The Law of Business Taxation

Mr Park and 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 TEXTBOOKS: If possible students should use Vol. I of the *British Tax Encyclopedia* (loose leaf). G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* contains the original text of Vol. I of the *British Tax Encyclopedia;* some parts of it are still relevant but much of it is out of date. Other recommended textbooks are either C. N. Beattie, *Corporation Tax* or J. E. Talbot and G. S. A. Wheatcroft, *Corporation Tax*, and either C. N. Beattie, *The Elements of the Law of Income and Capital Gains Taxation* or B. Pinson, *Revenue Law.* GENERAL READING: Latest *Report* of Commissioners of Inland Revenue. FOR REFERENCE: Butterworth's *Income Tax Handbook; British Tax Encyclopedia,* Vols. 2–5. Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

459 Law of Estate Planning

Professor Crane (Q.M.C.), Professor Maudsley (K.C.) and Professor Scamell (U.C.)

Syllabus The problems of the distribution and disposition of property belonging to or under the control of an individual for the benefit of his dependants or other desired beneficiaries.

The purposes of estate planning including provision for dependants and other beneficiaries through the distribution of income and capital, the incidence of taxation and the importance of choice method.

The legal methods available for the

distribution and disposition of property including (i) settlements made *inter vivos* or by will and interests commonly employed therein including annuities, life interests, entailed interests, protective and discretionary trusts of income or capital; trusts for the accumulation of income; powers of appointment; conditions precedent and subsequent; future interests generally; the power of the courts to vary settlements and trusts (in outline only), (ii) deeds of covenant, (iii) policies of insurance, (iv) gifts, (v) family or controlled companies. The statutory requirements concerning provisions for dependants on death.
The law of taxation affecting the various dispositions above referred to including: the income tax and surtax provisions relating to settlements and controlled companies, the taxation of capital on death by estate duty (including the exceptions and exemptions from duty, the methods of valuation, deductions for liabilities, rules for aggregation and rates of duty) and the taxation of transactions which attract *ad valorem* stamp duty.

Note Candidates will not be required to answer questions on charitable trusts or dispositions, or on the revenue law relating thereto.

Recommended reading C. N. Beattie, *The Elements of Estate Duty;* either T. Key and H. W. Elphinstone, *Precedents in Conveyancing*, relevant preliminary notes and precedents or F. Prideaux, *Precedents in Conveyancing*, relevant preliminary notes and precedents; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*, relevant portions, or A. Gibson, *Conveyancing*, relevant portions; J. B. Morcom, *Morcom's Estate Duty Saving*.

FURTHER READING AND REFERENCE: D. C. Potter and H. H. Monroe, *Tax Planning and Precedents; Encyclopaedia of Forms and Precedents*, relevant preliminary notes and precedents; C. N. Beattie, *The Elements of Income Tax;* J. G. Monroe, *Stamp Duties;* B. Pinson, *Revenue Law;* G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* (also published as Vol. I of the *British Tax Encyclopedia*). Students should consult the latest editions of these books.
The attention of students is drawn to the importance of articles etc., appearing in periodical literature, especially the *British Tax Review* and *The Conveyancer*.

460 The Law of Restitution

Mr J. M. Evans and Mr Cornish (Q.M.C.).

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.

461 Monopoly, Competition and the Law

Professor Yamey, Mr Whiteman and others.

Syllabus The Common Law. The Restrictive Trade Practices Act, 1956, Part I: registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of the main decisions of the Court.
The Monopolies Commission: single-firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.
Resale price maintenance: the enforcement of resale price maintenance under the Act of 1956; the control of resale price maintenance under the Resale Prices Act, 1964.

Recommended reading J. Lever, *The Law of Restrictive Trade Practices and Resale Price Maintenance;* A. Hunter, *Competition and the Law;* R. B. Stevens and B. S. Yamey, *The Restrictive Practices Court; The Judicial Process and Economic Policy;* B. S. Yamey (Ed.), *Resale Price Maintenance*, especially chaps. 1 and 8.
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, the *Resale Prices Act*, 1964 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.

462 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;* B. Cardozo, *The Nature of the Judicial Process;* P. A. Devlin, *Trial by Jury;* C. P. Harvey, *The Advocate's Devil;* Final Report of Committee on Supreme Court Practice (Cmd. 8878).

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. 7468 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.

463 Comparative Criminal Law and Procedure

Mr Hall Williams, Mr D. A. Thomas and Mr Davies (Q.M.C.).

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, larceny 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. Organisation of the criminal courts. Criminal appeals, new trial and post-conviction remedies. The sentencing process.

Recommended reading will be given during the course.

464 Comparative Conflict of Laws

Professor Graveson (K.C.) and Mr Lazar.

Syllabus I. The history of the conflict of laws: classification, renvoi; public policy and the limits of application of foreign law; domicile; the unification of private international law.

II. For examinations to be held in 1970 and 1971: Corporations, trusts and settlements; succession to movable and immovable property, both testate and intestate.

Recommended reading I. English Conflict of Laws. TEXTBOOKS: G. C. Cheshire, *Private International Law;* M. Wolff, *Private International Law;* R. H. Graveson, *Conflict of Laws;* R. H. Graveson, *Cases on the Conflict of Laws.* WORKS OF REFERENCE: A. V. Dicey, *Conflict of Laws;* J. D. Falconbridge, *Essays in the Conflict of Laws.*

II. Comparative Law. GENERAL: E. Rabel, *Conflict of Laws;* A. K. Kuhn, *Comparative Commentaries on the Conflict of Laws;* R. H. Graveson, "Comparative Aspects of the General Principles of Private International Law" (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1963).

CANADA: J. D. Falconbridge, *Essays in the Conflict of Laws;* W. S. Johnson, *The Conflict of Laws with special reference to the Law of the Province of Quebec.*

UNITED STATES: American Law Institute, *Restatement of the Law of Conflict of Laws* and *ibid., Second Draft;* R. H. Graveson, "The Comparative Evolution of Principles of the Conflict of Laws in England and the U.S.A." (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1960); H. F. Goodrich, *Conflict of Laws;* G. W. Stumberg, *Conflict of Laws;* E. E. Cheatham and others, *Cases and Materials on Conflict of Laws;* W. W. Cook, *The Logical and Legal Bases of the Conflict of Laws;* A. A. Ehrenzweig, *Conflict of Laws.*

CONTINENTAL COUNTRIES: H. Batiffol, *Traité Elémentaire de Droit International Privé;* P. Arminjon, *Précis de Droit International Privé;* P. Lerebours-Pigèonnière, *Précis de Droit International Privé;* A. F. Schnitzer, *Handbuch des Internationalen Privatrechts;* W. Niederer, *Einfuehrung in die allgemeinen Lehren des Internationalen Privatrechts;* M. Wolff, *Das Internationale Privatrecht Deutschlands;* L. Raape, *Internationale Privatrecht.*

Students should consult the latest editions of these books.

A reading list in respect of each of the special topics will be available on request.

Note Candidates are advised to read

relevant articles in *The British Yearbook of International Law*, *The International and Comparative Law Quarterly*, the *Transactions of the Grotius Society*, and other leading English and American Law reviews, as well as in Clunet's *Journal de Droit International Privé* (published in French and English) and *Revue Critique de Droit International Privé*. For surveys of the leading Continental systems the *Recueil des Cours de l'Académie de Droit International à la Haye* should be consulted. Attention is further drawn to the Bilateral Studies in Private International Law (Oceana Publications, New York), and to the reports on the Hague Conference of Private International Law.

465 Soviet Law

Professor Kiralfy (K.C.) and Dr Lapenna.

Note Candidates taking LL.M. subject 24 *Soviet Law* may not take Section (B)3 *Soviet Law* under LL.M. subject 23 *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.

A. *Introduction*

Main features of the Tsarist legal system. Fundamental Marxist notions of State and Law. The sources of Soviet Law, and its branches. The position of Public International Law. The concept of ownership in Marxist theory and Soviet legal practice. State property. Legal aspects of the economic system. Socialist legality. The organization of the courts. The procuracy, advocates and notaries. State and departmental arbitration. Comrades' courts and workers' collectivities. Soviet legal terminology.

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. Civil procedure.

Note Candidates taking option B may not take LL.M. subject 25 *Comparative Family Law.*

C. *Criminal Law*

The General Part of the Criminal Law. Criminal liability. Punishments and compulsory measures of a medical and educational character. The principal political and economic offences. Criminology and penal policy. Criminal procedure.

D. *Constitutional and Administrative Law*

Sovereignty and federalism. Scheme of administrative authorities. The principle of double subordination. The planning organs. The role of the Communist Party of the Soviet Union. Administrative procedures for the redress of grievances.

Note No knowledge of Russian is required, but students taking the course will be required to familiarize themselves with Russian technical legal terms.

Recommended reading IN ENGLISH: H. J. Berman, *Justice in the U.S.S.R.; Soviet Criminal Law and Procedure;* L. Boim, Glenn G. Morgan and A. Rudzinski, *Legal Controls in the Soviet Union;* A. Denisov and M. Kirichenko, *Soviet State Law;* F. J. Felbrugge, *Soviet Criminal Law* (*General Part*); V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe* (*re* parts); V. Gsovski, *Soviet Civil Law;* K. Grzybovski, *Soviet Legal Institutions;* J. N. Hazard, *Law and Social Change in the U.S.S.R.; Settling Disputes in Soviet Society;* J. N. Hazard and J. Shapiro, *The Soviet Legal System;* H. Kelsen, *The Communist Theory of Law;* A. Kiralfy, *The Russian Civil Code;* W. R. LaFave, *Law in the Soviet Society;* I. Lapenna, *State and Law: Soviet and Yugoslav Theory; Soviet Penal Policy;* Glenn G. Morgan, *Soviet Administrative Legality;* P. S. Romashkin, *Fundamentals of Soviet Law;* Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1–3, 5, 10, 12.

CASEBOOKS: J. N. Hazard and M. L. Weisberg, *Cases and Readings in Soviet Law*, H. J. Berman (Ed.), *Soviet Statutes and Decisions.*

Works in Russian may be recommended to those possessing a sufficient knowledge of the language.

466 Comparative Family Law
Dr Stone and Professor Freedman. Sessional.
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 24 *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 Decedent Estate Law as amended 1966; Domestic Relations Law as amended 1966, 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* (4th edn. 1955).
(*b*) JOURNALS AND ARTICLES: Report of the Workshop on Family Law (J. of S.P.T.L., 1967).
(*c*) LEGISLATION: Relevant parts of the Civil, Financial, Probate and Welfare and Institutions Codes of California. Revised Civil Code of the State of Texas, 1967; German Civil Code, 4th book, arts. 1297–1921. (Translations in English or French of these provisions will be available.)
(*d*) FURTHER READING: California Continuing Education of the Bar: *The California Family Lawyer* (2 vols.).
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).
(*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.), *The Rout of Custom* (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).
(*c*) LEGISLATION: The Women's Charter, 1961, Singapore.

467 Law of International Institutions
Professor D. H. N. Johnson.
Also for M.Sc.: *International Institutions*, XI 3.
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 specialized 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 and E. Hambro, *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*.

468 Law of European Institutions

Dr Valentine.

Also for M.Sc. *European Institutions*, XI 4.

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; harmonization 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 E. B. Haas, *The Unity of Europe;* 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;* J. S. Deniau, *The Common Market;* I. Frank, *The European 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;* E. Stein and T. L. Nicholson (Eds.), *American Enterprise in the European Common Market;* 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; Journal of Common Market Studies; 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.

469 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: 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); Lord Chorley and O. C. Giles, *Shipping Law* (with special reference to Part I: The Ship); C. J. Colombos, *The Law of Prize;* T. W. Fulton, *The Sovereignty of the Sea;* Harvard Law School, Research in International Law, *The Law of Territorial Waters* (23 A.J.I.L., 1929, Special Supplement); *Piracy* (26 A.J.I.L., 1932, Special Supplement); International Law Commission of the United Nations, Relevant *Summary Records*, *Documents* and *Yearbooks;* W. R. Kennedy, *The Law of Civil Salvage;* R. G. Marsden, *Collisions at Sea;* M. W. Mouton, *The Continental Shelf* (*Recueil*, Hague Academy, Vol. 85); *Report of the First United Nations Conference on the Law of the Sea* (Cmnd. 584); N. Singh, *International Conventions of Merchant Shipping;* M. Sörensen, *Law of the Sea;* M. P. Strohl, *The International Law of Bays; Temperley's Merchant Shipping Acts*.
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*.

470 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 protection of literary and industrial property abroad. 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 organisation*.
A. On the level of partly organised 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.

471 Criminology

Mr Hall Williams and Professor James (K.C.).

Syllabus I. *Introduction*. The legal and the criminological concept of crime. Relation between Criminology and Criminal Law. Adult Criminal Courts, Juvenile Courts and some specific problems of Criminal Procedure.
II. *Criminology*. Methods of Study. Physical, psychological and sociological factors in criminal behaviour. Legal principles relating to insanity, mental deficiency and other forms of mental abnormality. Juvenile and female delinquency. Prostitution.
III. *Penology*. Philosophical, psychological and historical aspects of punishment. The present penal system. Prison, Borstals. Institutions for young offenders. Probation. Problems of prevention.

Recommended reading TEXTBOOKS: H. Jones, *Crime and the Penal System;* E. H. Sutherland, *Principles of Criminology* (revised by D. R. Cressey); W. A. Elkin, *The English Penal System;* N. Walker, *Crime and Punishment in Britain;* H. Mannheim, *Comparative Criminology;* J. D. McClean and J. C. Wood, *Criminal Justice and the Treatment of Offenders.* FURTHER READING: L. W. Fox, *The English Prison and Borstal Systems;* M. Grünhut, *Penal Reform;* H. Mannheim, *Group Problems in Crime and Punishment; The Dilemma of Penal Reform; Criminal Justice and Social Reconstruction;* S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency;* K. Friedlander, *Psychoanalytical Approach to Juvenile Delinquency;* J. Bowlby, *Maternal Care and Mental Health;* B. Wootton, *Social Science and Social Pathology; Crime and the Criminal Law;* A. K. Cohen, *Delinquent Boys: The Culture of the Gang;* A. K. Cohen and others (Eds.), *The Sutherland Papers;*

R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity;* T. P. Morris, *The Criminal Area;* J. B. Mays, *Growing up in the City; Crime and Social Structure;* M. A. Elliott and F. E. Merrill, *Social Disorganisation;* S. Glueck, *The Problem of Delinquency;* G. Rose, *The Struggle for Penal Reform;* T. E. James, *Child Law;* G. M. Sykes, *Society of Captives;* M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency; The Sociology of Punishment and Correction;* G. Trasler, *The Explanation of Criminality;* M. S. Guttmacher and H. Weihofen, *Psychiatry and the Law;* W. H. Hammond and E. Chayen, *Persistent Criminals;* The Cambridge Studies in Criminology; The Library of Criminology, Delinquency and Deviant Social Behaviour.
Students should consult the latest editions of these books.
The following official sources should be consulted:
Annual Reports of the Prison Department and the Central Aftercare Association; Criminal Statistics (England and Wales) annually; Reports of the Home Office Children's Department (occasional). U.K. Home Office, *Prisons and Borstals; The Sentence of the Court;* Home Office Research Unit publications (occasional); Reports of the Home Office Advisory Council on the Treatment of Offenders (occasional); Reports of relevant Royal Commissions and Departmental Committees.

471(a) Criminology Class

Mr Hall Williams. Michaelmas and Lent Terms.

For LL.M.: *Criminology*. Admission by permission of Mr Hall Williams.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

472 Problems of Civil Litigation

Professor Wheatcroft, Master Jacob and Mr Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is mainly for students attending Course No. 462. Current problems in civil litigation will be discussed. Admission by permission.

473 Problems in Taxation (Seminar)

Professor Wheatcroft. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc.: *Public Finance*, IV 4 (xi). 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.

474 Legal Medicine and Psychiatry

Mr Hall Williams, Dr Stone and visiting speakers. Lectures followed by discussion, Michaelmas and Lent Terms.

For LL.M.: *Criminology; Comparative Family Law;* LL.B.: *Law of Domestic Relations*. Optional for Dip. Applied Soc. Studies. Other students may attend by permission.

475 Labour Law

Professor Grunfeld and Mrs. Aikin. Sessional.

For M.Sc.: *Labour Law*, VIII 2(iii) and others interested.

SEMINARS FOR THE LL.M. DEGREE, GIVEN AT OTHER COLLEGES

Subject	*Lecturer*
Jurisprudence and Legal Theory	Professor Lord Lloyd and Professor Chloros
Administrative Law and Local Government Law	Professor Holland
Insurance (Excluding Marine Insurance)	Professor Diamond
Marine Insurance	Professor Ivamy
Carriage of Goods by Sea	Professor Ivamy
Law of Mortgages and Charities	Professor Keeton and Professor Ryder
Law of Landlord and Tenant	Professor Crane and Professor Kiralfy Mr Knight
Planning Law	Mr Knight
Law of Estate Planning	Professor Crane, Professor Maudsley and Professor Scamell
Comparative Law of Contract in Roman and English Law	Professor Thomas and others
Comparative European Law	Professor Kiralfy and Professor Chloros
History of International Law	Mr Parkinson and Mr Sutton Mr Kinley
Law of International Institutions	Professor Cheng, Sir Francis Vallat and Mr Mendleson
Law of European Institutions	Mr Brown and Dr Jacobi
Air and Space Law	Professor Cheng, Mr Austin, Sir Francis Vallat and Mr Kinley
International Law of the Sea	Mr Brown, Sir Francis Vallat and Mr Kinley
International Law of Armed Conflict and the Use of Force	Mr Austin Mr Kinley Sir Francis Vallat
African Law	Professor Allott and others
Hindu Law	Professor Derrett
Muhammadan Law	Professor Anderson and Professor Coulson

Subject	*Lecturer*
Industrial and Intellectual Property	Mr Cornish
Legal Aspects of Defence Studies	Mr Kinley
Law of Treaties	Sir Francis Vallat Professor Cheng
Methods and Sources of International Law	Professor Cheng

OTHER GRADUATE SEMINARS IN LAW, GIVEN AT OTHER COLLEGES

Subject	*Lecturer*
Methods and Sources of International Law	Professor Cheng
Sociology of International Law	Dr Jacobi Mr Parkinson
International Law	Professor Schwarzenberger and others
International Studies	Professor Schwarzenberger and others

Philosophy, Logic and Scientific Method

Philosophy, Logic and Scientific Method

485 Introduction to Scientific Method

Dr Musgrave. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 4, *Introduction to Scientific Method;* B.Sc. (Econ.) Part II: *Logic and Methodology*, XVI 5 (second year); B.A. Phil. and Econ. (first year). Recommended as a preparation for Course No. 486.

Syllabus On problems and understanding problems. The aims of science: explanation and application. The evolution of standards of explanation. Logical analysis of explanation. Explanation and deduction. Logical analysis of tests. Historical and theoretical explanations. Criteria of scientific progress. Degrees of testability. Role of measurement. The empirical basis. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Methods of the social sciences. Philosophy of history.

Recommended reading C. G. Hempel, *Philosophy of Natural Science;* 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; *The Poverty of Historicism.*

485(a) Introduction to Scientific Method Class

Mrs Sheiham. Twenty classes. Sessional, in conjunction with Course No. 485.

For B.Sc. (Econ.) Part I.

486 Scientific Method: Natural Sciences

Professor Lakatos. Ten lectures. Michaelmas Term.

For B.Sc. (Econ.) Part II: *Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j VIII 3e; X 1 and 2d (third year); *Philosophy and History of Science*, XVI 3b and 8b; *Logic and Methodology*, XVI 5 (second or third year); B.A. Phil. and Econ. (second or third year); M.Sc.: *Advanced Scientific Method*, XIII 2. For M.Sc.: *Operational Research Methods*, XII 4 (i). Students are expected to have attended Course No. 485 Introduction to Scientific Method in preparation for this course.

Syllabus The problem of method. The objectivity of science. Falsificationism *versus* justificationism. 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 recommended reading for Course No. 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;* P. W. Bridgeman, *The Logic of Modern Physics;* H. Weyl, *The Philosophy of Mathematics and Natural Science;* E. Nagel, *The Structure of Science;* N. R. Campbell, *What is 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;* T. S. Kuhn, *The Structure of Scientific Revolutions.* Some useful anthologies are H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science;* I. Lakatos and A. E. Musgrave (Eds.), *Problems 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 Courses Nos. 490 and 492.

486(a) Scientific Method Class
Mr Zahar. Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 486.

For B.Sc. (Econ.) Part II, special subject Philosophy (second year).

486(b) Scientific Method Class
Mr Zahar. Ten classes. Fortnightly, Michaelmas and Lent Terms.

For M.Sc.: *Operational Research Methods*, XII 4 (i)

487 Scientific Method: Social Sciences
Professor Watkins. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j; VIII 3e; X 1 and 2d (third year); *Logic and Methodology*, XVI 5; *Philosophy of Social Science*, XVI 8a; B.A. Phil. and Econ. (second or third year); M.Sc.: *Methodology of the Social Sciences*, XIII 7.
Students are expected to have attended Course No. 485 Introduction to Scientific Method in preparation for this course.

Syllabus Methodological individualism and social organicity. Rationality, individual and collective. Optimisation. Institutional stability. Social laws. The limits of predictability.

Recommended reading A GENERAL: K. R. Popper, *The Poverty of Historicism; The Open Society and its Enemies*, especially chaps. 13–15, 23–25; R. Brown, *Explanation in Social Science;* F. A. Hayek, *The Counter-revolution of Science;* P. Winch, *The Idea of a Social Science;* I. Lakatos and A. Musgrave (Eds.), *Problems in the Philosophy of Science*, pp. 305–432; H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*, Part VII; E. Nagel, *The Structure of Science*, chaps. 13–15; J. S. Mill, *System of Logic*, Part IV; C. Menger, *Problems of Economics and Sociology;* A. Rapoport, *Two-Person Game Theory: the Essential Ideas;* J. M. Buchanan and G. Tullock, *The Calculus of Consent*. B METHODOLOGY OF ECONOMICS: J. M. Keynes, *The Scope and Method of Political Economy;* L. C. Robbins, *The Nature and Significance of Economic Science;* F. H. Knight, *On the History and Method of Economics;* W. Eucken, *The Foundations of Economics;* F. A. Hayek, *Individualism and Economic Order;* K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, February 1959); A. Papandreou, *Economics as a Science;* S. R. Krupp (Ed.), *The Structure of Economic Science;* L. von Mises, *Human Action; Epistemological Problems of Economics;* M. Friedman, *Essays in Positive Economics*, chap. 1; T. W. Hutchison, *The Significance and Basic Postulates of Economic Theory;* W. Edwards and A. Twersky (Eds.), *Decision Making;* F. Machlup, *Essays in Economic Semantics;* G. Myrdal, *Value in Social Theory; The Political Element in the Development of Economic Theory;* A. Little, *A Critique of Welfare Economics*. C PHILOSOPHY OF HISTORY: W. Dray (Ed.), *Philosophical Analysis and History;* P. Gardiner (Ed.), *Theories of History;* R. G. Collingwood, *The Idea of History;* W. Dray, *Laws and Explanations in History;* P. Gardiner, *The Nature of Historical Explanation;* P. Geyl, *Debates with Historians;* M. Mandelbaum, *The Problem of Historical Knowledge*.

488 Introduction to Logic
Mr Howson. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 3, *Introduction to Logic;* B.Sc. (Econ.) Part II: *Logic and Methodology*, XVI 5; *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (second year); B.A. Phil. and Econ. (first year); B.Sc. (Maths.) Part I, 5b; M.Sc.: *Elements of Mathematical Logic*, XIII 1b.

Syllabus A brief survey of the history of logic and its relationships with mathematics. Infinite regresses of proofs and definitions. The axiomatic method: Euclidean geometry as a paradigm of perfect knowledge. Non-Euclidean geometries: the problems of consistency, completeness, independence. The idea of

a model; relative consistency proofs.
The main problem of logic: validity inferences. Logical and descriptive words the theory of valid inference, logical truth logical falsehood.
Propositional logic. Connectives. Truth-tables as a decision procedure for validity of inferences in propositional logic. Rules of inference and derivations in propositional logic.
Predicate logic. Predicates and quantifiers. Aristotelian logic. Interpretations and validity of inferences in predicate logic. The lack of a general decision procedure. Rules of inference and derivations in predicate logic. Gödel's completeness theorem.
Arithmetization of mathematics; Peano's postulates for arithmetic. The Frege-Russell programme. Paradoxes of naive set theory. Russell's simple theory of types. Axiomatic set theory. The Liar paradox: object and metalanguage. Self-reference and meaning.
Hilbert's programme and formalization. Example: axiomatized propositional calculus and proofs of its consistency, completeness, and independence. Gödel's incompleteness results.

Recommended reading LOGIC TEXTBOOKS: P. Suppes, *Introduction to Logic*, especially chaps. 1–4. Other books which cover basically the same ground are, in order of increasing difficulty: P. Suppes and A. Hill, *First Course in Mathematical Logic;* W. V. Quine, *Elementary Logic;* A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic;* A. Copi, *Introduction to Logic;* W. V. Quine, *Methods of Logic;* A. Copi, *Symbolic Logic;* B. Mates, *Elementary Logic*. FURTHER READING: E. Nagel and J. R. Newman, *Gödel's Proof;* W. B. Rosser, "An Informal Exposition of Proofs of Gödel's Theorems and Church's Theorem" (*Journal of Symbolic Logic*, Vol. 4, 1939); I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc. Supp. Vol.*, 1962); K. R. Popper, "Logic without Assumptions" (*Proc. Arist. Soc.*, 1946–7); *Conjectures and Refutations*, chap. 14; A. Tarski, *Logic, Semantics, Metamathematics*, chap. 16; M. Kline, *Mathematics: A Cultural Approach;* R. Blanché, *Axiomatics;* P. H. Nidditch, *The Development of Mathematical Logic*.

488(a) Logic Class
Twenty classes. Michaelmas and Lent Terms, in conjunction with Course No. 488.

For B.Sc. (Econ.) Part I; B.Sc. (Maths.) Part I.

489 History of Modern Philosophy
Professor Watkins. Twenty-four lectures of two hours, Sessional.

For B.A. Phil. and Econ. (first year; optional for second year); B.Sc. (Econ.) Part II: *History of Modern Philosophy*, XVI 6 (second year; optional for third year); M.Sc.: *History of Epistemology*, XIII 3. Optional for B.Sc. (Econ.) Part I: alternative subject 4, *Introduction to Scientific Method.*

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* (trans. E. S. Haldane and G. R. T. Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding* (Ed. A. S. Pringle-Pattison); B. Spinoza, *Correspondence* (Ed. A. Wolf); *Ethic* (trans. W. H. White and A. H. Sterling, 4th edn.); G. W. Leibniz, *The Monadology and Other Philosophical Writings* (Ed. R. Latta); *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* (Ed. L. A. Selby-Bigge), and *Treatise* (Ed. L. A. Selby-Bigge) especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics.*
COLLECTIONS: R. H. Popkin (Ed.), *The Philosophy of the 16th and 17th Centuries;* L. W. Beck (Ed.), *18th-Century Philosophy*.
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; L. Roth, *Descartes' Discourse on Method;* A. Sesonske and N. Fleming (Eds.), *Meta-Meditations: Studies in Descartes;* S. Hampshire, *Spinoza;* J. Gibson, *Locke's Theory of Knowledge;* C. B. Martin and D. M. Armstrong (Eds.), *Locke and Berkeley;* B. Russell, *The Philosophy of Leibniz;* editorial introductions in A. A. Luce and T. E. Jessop (Eds.), *The Works of George Berkeley;* 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.).

490 Theory of Knowledge

Dr Musgrave. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Epistemology and Metaphysics*, XVI 7 (second or third year); B.A. Phil and Econ. (second or third year); optional for M.Sc.: *Advanced Scientific Method*, XIII 2; *History of Epistemology*, XIII 3.

Syllabus Subjective *versus* objective aspects of knowledge—the knower and the content known. Subjective *versus* objective theories of truth. Subjective *versus* objective theories of logic. The search for certainty. Relativism. The psychology and sociology of knowledge.

Recommended reading K. R. Popper, "Epistemology Without a Knowing Subject" in *Proceedings of the Third International Congress for Logic, Methodology and Philosophy of Science*, Amsterdam, 1967; G. Frege, "The Thought" in P. F. Strawson (Ed.), *Philosophical Logic;* B. Russell, *An Inquiry into Meaning and Truth.*

491 Mathematical Logic

(i) Mr J. Bell and Mr Howson. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (third year); M.Sc.: *Mathematical Logic*, XIII 1a; *Elements of Mathematical Logic*, XIII 1b.

(ii) Mr J. Bell. Five lectures, Lent and Summer Terms.

For M.Sc.: *Mathematical Logic*, XIII 1a.

492 Selected Topics in the History of Science

Mr Zahar. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Philosophy and History of Science*, XVI 3b and 8b; B.A. Phil. and Econ. (second and third years); M.Sc.: *Selected Topics in the History of Science*, XIII 6.

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; Franklin and Newton;* 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. Mach, *The Science of Mechanics;* 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. R. Hall, *The Scientific Revolution;* A. R. Hall and M. Boas, *A Brief History of Science;* A. Koestler, *The Sleepwalkers;* S. Toulmin and J. Goodfield, *The Fabric of the Heavens; The Architecture of Matter; The Discovery of Time;* G. Santillana, *The Crime of Galileo;* C. Boyer, *The Concepts of the Calculus;* O. Toeplitz, *The Calculus: a Genetic Approach;* S. Drake (Ed.), *Discoveries and Opinions of Galileo;* Galileo, *Dialogue Concerning the Two Chief World Systems;* E. Meyerson, *Identity and Reality.*

493 Moral and Political Philosophy

Professor Watkins. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; *Moral and Political Philosophy*, XVI 4a; *Political Philosophy*, VIII 8a; B.A. Phil. and Econ. (second year).

Syllabus Civilised order: dispersal of power and minimisation of force. Democratic consent. Political freedom and personal autonomy. Justice and moral reasonableness. Scope and limits of rational political reform. Irrationalist modes of political thought.

Recommended reading In addition to some of the classic works of Plato, Hobbes, Locke, Rousseau, Kant and J. S. Mill, the following modern works are recommended: M. Cranston, *Freedom: A New Analysis;* R. M. Hare, *Freedom and Reason;* F. A. Hayek, *The Constitution of Liberty;* M. J. Oakeshott, *Rationalism in Politics;* K. R. Popper, *The Open Society and its Enemies;* J. A. Schumpeter, *Capitalism, Socialism and Democracy;* J. W. N. Watkins, *Hobbes's System of Ideas.*

494 From Kant to Logical Positivism

Mrs Letwin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Epistemology and Metaphysics*, XVI 7; B.A. Phil. and Econ. (second and third years)); M.Sc.: *History of Epistemology*, XIII 3.

Syllabus and **recommended reading** will be given during the course.

495 Development of the Calculus

Mr Zahar. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Philosophy and History of Science*, XVI 3b and 8b; B.A. Phil. and Econ. (second year); M.Sc.: *History of Epistemology*, XIII 6.

Syllabus and **recommended reading** will be given during the course.

SEMINARS

496 Philosophy and Scientific Method

All members of the department. Sessional.

For M.Sc. and other graduate students.

497 Scientific Method and Epistemology

Professor Watkins and Dr Musgrave. Michaelmas and Lent Terms.

For M.Sc. in Logic and Scientific Method.

498 Philosophy of Mathematics

Professor Lakatos. Michaelmas and Lent Terms.

For M.Sc. in Logic and Scientific Method.

499 Philosophical Problems

Professor Watkins and Dr Musgrave. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Philosophy; B.A. Phil. and Econ. (third year).

500 Philosophy of the Social Sciences

Mr Klappholz, Professor Watkins and Dr Musgrave. Twenty seminars, Michaelmas and Lent Terms.

For B.A. Phil. and Econ.; B.Sc. (Econ.) Part II: *Philosophy of the Social Sciences*, XVI 8a (second and third years); *Scientific Method*, I 3a (third year); M.Sc.: *Methodology of the Social Sciences*, XIII 7.

501 Moral and Political Philosophy

Professor Watkins. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Moral and Political Philosophy*, XVI 4a; B.A. Phil. and Econ. (third year).

502 History of Science
Dr Musgrave and Mr Zahar.
Michaelmas and Lent Terms.
For M.Sc.: *Selected Topics in the History of Science*, XIII 6.

CLASSES

503 History of Philosophy
Mrs Letwin. Twenty meetings, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Epistemology and Metaphysics*, XVI 7; B.A. Phil. and Econ. (second year).

504 Philosophy
Sessional.
For B.A. Phil. and Econ (first year).

505 Logic and Scientific Method
Sessional.
For B.A. Phil. and Econ. (second year).

506 Mathematical Logic
Mr Howson and Mr Worrall.
Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (second and third years).

507 Philosophy and History of Science
Mr Zahar. Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Philosophy and History of Science*, XVI 3b or 8b; B.A. Phil. and Econ. 9c.

Students are also referred to Course No. 514 Political Thought (Texts).

Political Studies

423 Government
437 International Relations

Government

(A) Political Theory and the History of Polical Thought

510 Political Thought

Professor Kedourie. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 4a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 5 and 6a; XVI 2a; B.A. Phil. and Econ. (second year).

Recommended reading will be given at the beginning of the course.

510(a) Classes

511 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 5 and 6a; XVI 2a (third year).

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: *Political Thought*, I 1; II 1a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 5 and 6a; XVI 2a (third year); B.A. Phil. and Econ. (third year).

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 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; Discourse on the Origin of Inequality;* J. Bentham, *Introduction to the Principles of Morals and Legislation* (Ed. W. Harrison); E. Burke, *Conciliation with the Colonies; Reflections on the Revolution in France;* T. Paine, *Rights of Man.*

513 Some Political Thinkers, Mediaeval and Modern

Dr Morrall and Mr Minogue. Ten lectures, Lent Term (evening).

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (fourth year).

514 Political Thought (Texts)

Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Political Thought* (*Set Texts*), VII 7 and 8h; VIII 5; *Moral and Political Philosophy*, XVI 4a (third year); B.A. Phil. and Econ. (third year).
Plato: Dr Morrall.
Aristotle: Dr Morrall.
Marsilius: Dr Morrall.
Machiavelli: Dr Orr.
Hobbes: Mr Minogue.
Locke: Professor Cranston.
Rousseau: Mr Charvet.
Hegel: Professor Kedourie.
Mill: Mr Thorp.

515 Political Philosophy
Professor Cranston and Dr Orr. Fourteen lectures, Lent and Summer Terms.
For B.Sc. (Econ.) Part II: *Political Philosophy*, VIII 8a; *Moral and Political Philosophy*, XVI 4a (second year); B.A. Phil. and Econ. (second year).
Syllabus Philosophy: its nature and methods and its place in the study of politics. The origins and grounds of moral judgements. 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. de Jouvenel, *The Pure Theory of Politics;* 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); S. Toulmin, *The Place of Reason in Ethics;* K. R. Popper, *Conjectures and Refutations;* D. D. Raphael, *Moral Judgement;* A. P. d'Entrèves, *The Notion of the State.*

515(a) Class
Professor Cranston and Dr Orr. Fortnightly, Lent and Summer Terms, in connection with Course No. 515.
For *second-year* students.

515(b) Class
Professor Cranston and Dr Orr. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 515.
For *third-year* students.

516 Contemporary Political Thought
Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II: *Contemporary Political Thought*, VIII 8b (second year).
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, *Criticism of Political Economy;* 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;* H. Michel, *L'Idée de l'Etat;* 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;* 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).

516(a) Class
Professor Greaves, Dr Miliband and Mr Thorp. Fortnightly, Lent and Summer Terms, in connection with Course No. 516.
For *second-year* students.

516(b) Class
Professor Greaves, Dr Miliband and Mr Thorp. Fortnightly, Michaelmas Term, in connection with Course No. 516.
For *third-year* students.

GRADUATE COURSES (*A*)

517 Modern Political Analysis (Seminar)
Dr Letwin and other members of the department. Ten seminars, Lent Term.
For B.Sc. (Econ.) Part II: special subject Government (third year) and interested graduate students.

518(i) History of Political Thought (Seminar)
Professor Kedourie, Mr Minogue, Dr Orr and Mr Charvet. Sessional.
For M.Sc.: *History of Political Thought*, XV 1.

518(ii) The Philosophy of Ideology
Mr Minogue. Five lectures, Summer Term.
For M.Sc.: *History of Political Thought*, XV 1 and other interested students.
Syllabus A discussion of ideological discourse taken as a specific form of political thinking.

519 Political Philosophy (Seminar)
Professor Cranston. Fortnightly, Michaelmas and Lent Terms.
For graduate and other students by permission.

520 Marxism
Dr Miliband. Ten lectures, Michaelmas Term.
Recommended for M.Sc.: *Political Sociology*, XV 4; *Theories and Concepts of Political Sociology*, XIX 3xi; *Political Stability and Change*, XIX 3xii; B.Sc. (Econ.) Part II: *Contemporary Political Thought*, VIII 8b (second or third year).
Syllabus An examination of Marx's thought and of some revisions and adaptations of Marxism, notably German Revisionism and Leninism.
Recommended reading will be given at the beginning of the course.

521 Marxism after Lenin (Seminar)
Mr Madian. Lent Term.
For M.Sc.: *Political Sociology*, XV 4. Recommended for M.Sc.: *Theories and Concepts of Political Sociology*, XIX 3xi; *Political Stability and Change*, XIX 3xii. Others who are interested may attend.

522 Russian Political Thought
Mrs de Kadt. Ten lectures, Lent Term; in connection with Course No. 537.
For graduate students; B.Sc. (Econ.) Part II: *Politics and Government of Russia*, VIII 8c (second year).
Syllabus and **recommended reading** will be given at the beginning of the course.

(B) Politics and Public Administration

523 British Government: an Introduction to Politics
Professor Greaves, Dr Donoughue and Dr G. W. Jones. Sessional.
For B.Sc. (Econ.) Part I.
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, decentralization, federalism. Extension of constitutional government in the Commonwealth.

Recommended reading Students will be given details of recommended reading shortly before or after the beginning of the course.

523(a) Classes

524 English Constitutional History since 1660

Mrs Bennett. Thirty lectures of one-and-a-half hours, Sessional.

For B.Sc. (Econ.) Part II: *English Constitutional History since* 1660, VI 8a; VII 7 and 8b; VIII 3a (second year).

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. 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 Reading lists will be distributed at the beginning of the course.

525 History of British Politics in the Twentieth Century

Mr Beattie, Mr Barnes and Dr Donoughue. Fifteen lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

526 The British Parliament

Mr Plowden. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus From divine right to welfare state: the changing role of Parliament. Ideas of representation, and the legitimacy of the executive. The rise of modern parties; the positions of M.P.s, Cabinet, Prime Minister, House of Lords. Changing conceptions of Parliamentary control; finance, legislation, administration;

problems of ministerial responsibility. The place of Parliament in the age of universal suffrage and the mass media; Parliament and the political culture. Proposals for reform and their limitations.

Recommended reading L. S. Amery, *Thoughts on the Constitution;* W. Bagehot, *The English Constitution;* R. Bassett, *The Essentials of Parliamentary Democracy;* A. H. Birch, *Representative and Responsible Government;* J. P. Mackintosh, *The British Cabinet;* H. S. Morrison, *Government and Parliament;* P. G. Richards, *Honourable Members;* A. H. Hanson and H. V. Wiseman, *Parliament at Work;* R. T. McKenzie, *British Political Parties;* K. C. Wheare, *Government by Committee;* B. R. Crick, *The Reform of Parliament;* Hansard Society, *Parliamentary Reforms 1933–1958: A Survey of Suggested Reforms;* P. A. Bromhead, *The House of Lords and Contemporary Politics, 1911–1957*; B. Kemp, *King and Commons, 1660–1832*; A. H. Dodd, *The Growth of Responsible Government;* N. Gash, *Politics in the Age of Peel;* H. J. Hanham, *Elections and Party Management;* J. Vincent, *The Formation of the Liberal Party;* P. Einzig, *Control of the Purse;* B. Chubb, *Control of Public Expenditure;* G. Reid, *The Politics of Financial Control;* D. Coombes, *The M.P. and the Administration;* N. Johnson, *Parliament and Administration;* H. V. Wiseman, *Parliament and the Executive.*

527 British Government and Bureaucracy

Professor Self and Dr G. W. Jones. Ten lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year); recommended for B.Sc. (Soc.) Branch III, 7a (second year).

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 W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain;* F. M. G. Willson, *The Organisation of British Central Government, 1914–56* (Ed. D. N. Chester); S. H. Beer, *Treasury Control;* E. E. Bridges, *The Treasury;* W. A. Robson (Ed.), *The Civil Service in Britain and France;* H. E. Dale, *The Personnel and Problems of the Higher Civil Service;* C. H. Sisson, *The Spirit of British Administration and Some European Comparisons;* K. C. Wheare, *Government by Committee;* F. M. G. Willson (Ed.), *Administrators in Action;* 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;* A. Dunsire (Ed.), *The Making of an Administrator;* P. J. O. Self, *Bureaucracy or Management.*

528(i) British Political Parties and the Electorate

Mr Barnes. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

528(ii) British Political Parties and the Electorate (Seminar)

Mr Pickles and Mr Barnes. Summer Term

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

529 Politics and Government of the United Kingdom (Second Year) Class
Mr Beattie, Dr Donoughue and Mr Barnes, Michaelmas Term. Mr Barnes and Mrs Bennett, Lent Term. Professor Self, Mr. Plowden and Mr Regan, Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6.

530 The Political Sociology of British Government
Dr Miliband. Ten lectures, Lent Term.

For M.Sc.: *Political Sociology*, XV 4; *Theories and Concepts of Political Sociology*, XIX 3xi; *Political Stability and Change*, XIX 3xii; *The Study of Political Behaviour*, XIX 3xiii. Recommended for B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (third year).

Syllabus An examination of some of the social and economic elements in British society which affect the character and operation of British Government.

Recommended reading will be given at the beginning of the course.

531 The Growth and Character of Local Government
Professor Self, Professor Griffith, Dr G. W. Jones and Mr Regan. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year); Overseas Service Officers; Dip. Development Admin.; M.Sc.: *Administration in Regional and Urban Planning*, XIV 2. Recommended for B.Sc. (Soc.) Branch III, 7a (third year) and graduate students.

Syllabus MICHAELMAS TERM. Principles and practice of the system of local government in England and Wales, including historical development of local government; local government organization; politics in local government; local finance; functions and areas; local government and the community. The administration of education, police and other local services.
LENT TERM. The pattern of central-local relations. Local government and politics in big cities. Regional government.

Recommended reading MICHAELMAS TERM. J. Redlich and F. W. Hirst, *History of Local Government in England* (Ed. B. Keith-Lucas); C. H. Wilson (Ed.), *Essays on Local Government;* W. I. Jennings, *Principles of Local Government Law;* E. D. Simon, *A City Council from Within;* J. H. Warren, *Municipal Administration;* J. M. Drummond, *The Finance of Local Government: England and Wales;* West Midland Group, *Local Government and Central Control;* D. N. Chester, *Central and Local Government: Financial and Administrative Relations;* W. A. Robson, *Development of Local Government;* T. E. Headrick, *The Town Clerk in English Local Government;* K. B. Smellie, *A History of Local Government;* M. I. Cole, *Servant of the County;* L. J. Sharpe, *A Metropolis Votes* (Greater London Paper, No. 8).
LENT TERM. S. A. Greer, *The Emerging City: Myth and Reality; Report* of Royal Commission on Local Government in London; V. Jones, *Metropolitan Government;* L. P. Green, *Provincial Metropolis;* J. A. G. Griffith, *Central Departments and Local Authorities;* J. G. Bulpitt, *Party Politics in Local Government;* W. A. Robson, *Local Government in Crisis*.

531(a) Class
Dr G. W. Jones and Mr Regan. Lent and Summer Terms in connection with Course No. 531.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year).

532 Aspects of Comparative Local Government
Dr G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year); Overseas Service Officers; Dip. Development Admin.;

M.Sc.: *Theory and Practice of Public Administration*, XV 5. Optional for M.Sc.: *Administration in Regional and Urban Planning*, XIV 2. 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 Governments Throughout the World;* International Union of Local Authorities, *Local Government in the Twentieth Century;* A. H. Marshall, *Local Government in the Modern World;* H. F. Alderfer, *Local Government in Developing Countries;* M. J. Campbell, T. G. Brierly and L. F. Blitz, *The Structure of Local Government in West Africa;* Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad;* G. S. Blair, *American Local Government;* B. Chapman, *Introduction to French Local Government;* W. A. Robson (Ed.), *Great Cities of the World;* G. M. Harris, *Comparative Local Government*. Other books and articles will be recommended at the beginning of the course.

532(a) Comparative Local Government
Dr G. W. Jones. Ten seminars, Lent Term.

For M.Sc.: *Administration in Regional and Urban Planning*, XIV 2; *Theory and Practice of Public Administration*, XV 5.

533 Comparative Political Institutions

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

(i) Introduction
Mr Wolf-Phillips. Five lectures of one-and-a-half hours, Michaelmas Term.

(ii) U.S.A.
Dr Letwin. Five lectures of one-and-a-half hours, Michaelmas Term.

(iii) France
Mr Pickles. Five lectures of one-and-a-half hours, Lent Term.

(iv) U.S.S.R.
Mr Reddaway. Five lectures of one-and-a-half hours, Lent Term.

(v) Selected Topics
Mr Wolf-Phillips and others. Five lectures of one-and-a-half hours, Summer Term.

533(a) Comparative Political Institutions (Second Year) Classes
Professor Schapiro and other members of the department, Summer Term.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

533(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: *Comparative Political Institutions*, VIII 7 (third year).

534 Politics and Government of New and Emergent States (Class)
Mr Panter-Brick. Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of New and Emergent States in former British and French Africa*, VIII 8c (second year).

535 Politics and Government of France
Mr Pickles. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

536 Politics and Government of the U.S.A.
Dr Letwin. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

536(a) Class
Dr Letwin. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 536.

For *third-year* students.

537 Politics and Government of Russia
Professor Schapiro and Mr Reddaway. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

537(a) Class
Mrs de Kadt. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 537.

For *second-year* students.

537(b) Class
Professor Schapiro and Mr Reddaway. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 537.

For *third-year* students.

538 Politics and Government of Scandinavia (Denmark, Norway and Sweden)
Dr G. F. D. Dawson. Twenty lectures, Lent and Summer Terms. This course will not be given in the session 1969-70.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and **recommended reading** will be given at the beginning of the course.

538(a) Class
Dr G. F. D. Dawson. Fortnightly, Summer Term, in connection with Course No. 538.
This course will not be given in the session 1969-70.

For *second-year* students.

538(b) Class
Dr G. F. D. Dawson. Fortnightly, Michaelmas Term, in connection with Course No. 538.
This course will not be given in the session 1969-70.

For *third-year* students.

GRADUATE COURSES (*B*)

539 Politics and Government of the United Kingdom (Seminar)
Mr Beattie, Dr Donoughue, Mr Barnes and Mr Plowden. Sessional.

For M.Sc.: *Politics and Government of the United Kingdom*, XV 2.

540 Comparative Government (Seminar)
Professor Schapiro, Mr Pickles and Mr Wolf-Phillips. Sessional.

For M.Sc.: *Comparative Government*, XV 3.

541 Political Stability and Change
Mr Madian and Mr Stewart. Ten lectures, Michaelmas and Lent Terms. This course will not be given in the session 1969-70.

For M.Sc.: *Theories and Concepts of Political Sociology*, XV 4; XIX 3xi; *Political Stability and Change*, XV 4; XIX 3xii and other graduate students.

Syllabus Current sociological and political theories will be examined in so far as they contribute to a theory of social and political change.

Recommended reading W. Kornhauser, *The Politics of Mass Society;* K. W. Deutsch, *Nationalism and Social Communication;* K. Mannheim, *Ideology and Utopia;* R. Dahrendorf, *Class and Class Conflict in Industrial Society;* G. Lichtheim, *Marxism;* M. Weber, *The Theory of Social and Economic Organization;* H. Marcuse, *Reason and Revolution;* J. A. Schumpeter, *Capitalism, Socialism and Democracy;* G. Simmel, *Conflict;* Barrington Moore, Jr., *Social Origins of Dictatorship and Democracy;* David Apter, *The Politics of Modernisation;* F. Neumann, *Behemoth;* F. Schurmann, *Ideology and Organisation in Communist China;* C. Johnson, *Peasant Nationalism and Communist Power;* E. H. Carr, *The Bolshevik Revolution* (Vols. 1–3); T. Parsons, *The Social System.*

542 Theories and Concepts of Political Sociology
Professor McKenzie, Mr Madian, Dr Miliband and Mr Stewart. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Theories and Concepts of Political Sociology*, XV 4; XIX 3xi; *Political Stability and Change*, XV 4; XIX 3xii; *Political Behaviour*, XV 4; XIX 3xiii.
Students are also referred to Course No. 869.

Recommended reading will be given at the beginning of the course.

543 Theories and Concepts of Political Sociology (Seminar)
Professor McKenzie, Mr Madian, Dr Miliband and Mr Stewart. Lent Term.

For M.Sc.: *Theories and Concepts of Political Sociology*, XV 4; XIX 3xi; *Political Stability and Change*, XV 4; XIX 3xii; *Political Behaviour*, XV 4; XIX 3xiii.

544 The Sociology of Twentieth-Century Political Movements (Seminar)
Mr Madian and Mr Stewart. Twenty meetings, Sessional.

For M.Sc.: *Theories and Concepts of Political Sociology*, XV 4; XIX 3xi; *Political Stability and Change*, XV 4; XIX 3xii.

545 The Aims and Methods of Governmental Planning.
Professor Self. Eight lectures, Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XV 5; *Administration in Regional and Urban Planning*, XIV 2 and other graduate students; Dip. Development Admin. Optional for B.Sc. (Econ.) Part II: special subject Government (second year); 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.

545(a) The Machinery of Governmental Planning (Seminar)
Professor Self and Dr G. W. Jones.

Michaelmas Term, in conjunction with Course No. 545.

For Dip. Development Admin.; M.Sc.: *Theory and Practice of Public Administration*, XV 5; *Administration in Regional and Urban Planning*, XIV 2.

Syllabus The seminar will discuss the organization of governmental planning in a number of countries developed and developing.

546 An Introduction to Administrative Theories

Professor Self and Mr Regan. Ten lectures, Summer Term.

For M.Sc.: *Theory and Practice of Public Administration*, XV 5; B.Sc. (Soc.) Branch III 7a (third year), 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.); Rosemary G. Stewart, *The Reality of Management;* G. C. Milward (Ed.), *Large-Scale Organisations;* Mason Haire (Ed.), *Modern Organisation Theory;* J. G. March and H. A. Simon, *Organisations;* K. Boulding, *The Organisational Revolution;* H. A. Simon, D. W. Smithburg and V. A. Thomson, *Public Administration;* D. Waldo, *The Administrative State;* R. Likert, *New Patterns of Management;* G. Vickers, *The Art of Judgement; Towards a Sociology of Management.* Further reading will be given during the course.

547 Urban and Regional Planning: Policies and Administration

Professor Self, Dr G. W. Jones, Mr Regan and Mr Levin. Sixteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Administration in Regional and Urban Planning*, XIV 2; *Housing and Town Planning*, XVI 2(iv).

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 urbanization 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) W. Ashworth, *The Genesis of Modern British Town Planning;* L. Mumford, *The City in History;* P. Self, *Cities in Flood; The Problems of Urban Growth;* D. Foley, *Controlling London's Growth;* Acton Society Trust, *Regionalism;* J. Friedman and W. Alonso, *Regional Development and Planning;* T. Wilson, *Papers on Regional Development;* F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis;* Jane Jacobs, *The Life and Death of Great American Cities.*
(b) Desmond Heap, *An Outline of Planning Law;* J. B. Cullingworth, *Town and Country Planning in England and Wales;* R. Walker, *The Planning Process in Urban Government;* Greater London Papers on Town Planning, Housing etc.
(c) W. A. Robson, *Great Cities of the World;* E. Banfield and M. Meyerson, *Politics, Planning and the Public Interest;* S. Greer, *The Emerging City.*
(d) P. Wilmott and M. Young, *Family and Kinship in East London; Family and Class in a London Suburb;* C. Abrams, *Housing in the Modern World.*
(e) P. Hauser and L. Schnore, *The Study of Urbanization;* M. M. Webber *et al.*, *Explorations into Urban Structure;* D. Senior (Ed.), *The Regional City;* P. Hall, *London, 2000*; M. Ash, *The Human Cloud.*
Use will also be made of *Urban Studies*, *Public Administration* and official reports.

547(a) Urban and Regional Planning: Politics and Administration (Seminar)

Dr G. W. Jones and Mr Regan.

For M.Sc.: *Administration in Regional and Urban Planning*, XIV 2. Other students may attend only by permission of Dr Jones or Mr Regan.

548 Public Enterprise

Professor Robson. Eight lectures, Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XV 5; Dip. Development Admin. Also for B.Sc. (Econ.) Part II: *The Politics and Government of the U.K.*, VIII 6 (third year).

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 organization and management of public undertakings. Types of structure. Control and accountability. 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 methods.

Recommended reading W. A. Robson, *Nationalized Industry and Public Ownership;* W. A. Robson (Ed.), *Public Enterprise;* 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;* M. Shanks (Ed.), *The Lessons of Public Enterprise;* M. V. Posner and S. J. Woolf, *Italian Public Enterprise;* J. Jewkes, *Public and Private Enterprise;* A. Chazel and H. Poyet, *L'Economie Mixte;* D. Coombes, *The Member of Parliament and the Administration;* A. Shonfield, *Modern Capitalism.*

549 Problems of Public Enterprise (Seminar)

Professor Robson. Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XV 5.
Undergraduates may be admitted by permission.

550 Public Administration (Seminar)

Professor Self, Professor Griffith, Dr G. W. Jones and Mr Regan. Sessional.

For M.Sc.: *Theory and Practice of Public Administration*, XV 5.

551(i) The British Civil Service (Seminar)

Professor Self, Mr Regan and Dr G. W. Jones. Lent Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II: special subject Government (third year); M.Sc.: *Theory and Practice of Public Administration*, XV 5. The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

551(ii) Local Government (Seminar)

Dr G. W. Jones. Summer Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II: special subject Government (second year); M.Sc.:

Theory and Practice of Public Administration, XV 5.
Contributors will include those with experience of local government.

552 Pan-Africanism and the Foreign Relations of African States
Mr Panter-Brick and Mr Mayall. Ten lectures, Michaelmas Term.
For M.Sc.: *International Politics of Africa*, XI 7; *Politics and Government of Africa*, XV 6; 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;* D. Austin (Ed.), *Inter-State Relations in Africa;* Doudou Thiam, *The Foreign Policy of African States;* L. Senghor, *On African Socialism;* 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;* A. Quaison-Sackey, *Africa Unbound:* J. S. Nye, *Pan-Africanism and East African Integration;* T. M. Franck, *East African Unity Through Law;* J. Drysdale, *The Somali Dispute;* S. Touval, *Somali Nationalism;* G. Padmore, *Pan-Africanism or Communism;* 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;* P. Okigbo, *Africa and the Common Market;* A. Hazlewood (Ed.), *African Integration and Disintegration.*
Students should also attend Course No. 615 Foreign Relations of African States.

553 Comparative Politics and Administration in New States (with special reference to Africa) (Seminar)
Mr Panter-Brick. Michaelmas and Lent Terms.
For M.Sc.: *The Politics and Government of Africa*, XV 6; *International Politics of an Approved Region*, XI 7; M.A. Area Studies—Africa.

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;* R. L. Sklar, *Nigerian Political Parties;* D. E. Apter, *The Politics of Modernisation;* D. E. Apter, *Ghana in Transition;* D. Austin, *Politics in Ghana;* A. L. Adu, *The Civil Service in New African States;* S. P. Huntington, "Political Development and Political Decay" (*World Politics*, Jan. 1965); C. S. Whitaker, Jr., "A Dysrhythmic Process of Political Change" (*World Politics*, Jan. 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;* University of London, Institute of Commonwealth Studies, *The Politics of Demilitarisation.*

554 Politics and Government of Nigeria (Seminar)
Mr Panter-Brick and Mr P. F. Dawson. Summer Term.
For M.Sc.: *International Politics of Africa*, XI 7; *Politics and Government of Africa*, XV 6.

555 Politics and Government of Scandinavia (Seminar)
Dr G. F. D. Dawson. Fortnightly, Sessional. This course will not be given in the session 1969-70.
For M.Sc.: *Politics and Government of an Approved Country*, XV 6.
Students may have difficulty without at least some knowledge of one of the Scandinavian languages.

556 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 by invitation only.

557 Russian Politics and Political Thought (Seminar)
Professor Schapiro, Mr Reddaway and Mrs de Kadt. Sessional.
For M.Sc.: *Politics and Government of an Approved Country*, XV 6 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 are welcome.

558 Problems of Contemporary Socialism (Seminar)
Dr Miliband. Lent Term.
For graduate students in Government and Sociology. Other graduate students may be admitted by permission of Dr Miliband.

Syllabus Some problems of socialist theory and practice in Western and Communist societies and in countries of the "Third World".

559 Seminar
Professor Greaves. Michaelmas and Lent Terms, on a subject to be arranged.
For graduate students.

560 Politics and Government of the Middle East
Professor Kedourie. Ten lectures, Summer Term.
For graduate students and others interested in the subject.

Syllabus Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and The Young Turk Revolution, 1908–9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Pan-Arabism and Zionism.

Recommended reading C. C. Adams, *Islam and Modernism in Egypt;* Antiochus (pseud.), "Europe and the Middle East" (*The Cambridge Journal*, 1952); 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;* 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;* E. Kedourie, *England and the Middle East;* "Reflexions sur le Royaume d'Iraq 1921–1958" (*Orient*, 1959); *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).

561 Political Systems of Latin America

Mr Madian. Five lectures, Lent Term.

For M.Sc.: *Sociology of Development*, XIX 3viii and any other students interested.
Students should also attend Course No. 872(i) Social Structure and Social Change in Latin America.

562 The Politics of Latin America (Seminar)

Mr Madian. Fifteen seminars, fortnightly, Sessional.

For graduate students by permission of Mr Madian. Students may have difficulty unless they have a reading knowledge of Spanish or Portuguese.

Syllabus Major trends in political development in the twentieth century. The relations between social structure and politics with special emphasis on recent developments in Argentina, Chile, Mexico, Brazil and Cuba.

563 Recent British History and Politics (Seminar)

Dr Donoughue, Mr Watt, Mr Barnes and Mr Beattie. Six seminars, Summer Term.

Graduates may attend on recommendation of supervisors or by permission of the participating staff.

564 Government Regulation of Industry in the U.S.A. (Seminar)

Dr Letwin. Fortnightly Lent and Summer Terms.

For graduate students, particularly in Economic History and Government.

International Relations

580 Structure of International Society

Professor Goodwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 7, *Structure of International Society*.

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 J. L. Brierly, *The Law of Nations* (6th edn.); H. Butterfield, *Christianity, Diplomacy and War* (3rd edn.); E. H. Carr, *International Relations Between Two World Wars;* E. H. Carr, *The Twenty Years' Crisis;* I. L. Claude, *Swords into Plowshares* (3rd edn.); G. Connell-Smith, *Pattern of the Post-War World;* W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations;* J. Frankel, *International Relations;* L. J. Halle, *The Nature of Power;* F. H. Hartmann, *The Relations of Nations;* J. H. Herz, *International Politics in the Atomic Age;* K. J. Holsti, *International Politics;* R. C. Macridis (Ed.), *Foreign Policy in World Politics* (2nd edn.); C. A. W. Manning, *The Nature of International Society;* H. J. Morgenthau, *Politics Among Nations* (3rd edn.); K. N. Waltz, *Man, The State, and War;* G. Barraclough, *An Introduction to Contemporary History*.

580(a) Structure of International Society (Class)

Members of the department. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 7, *Structure of International Society*.

581 The International Political System

Professor Northedge. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Politics*, XII 5; XIV 3b (second year); M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2; *International Politics of an Approved Region*, XI 7 and other graduate students.

Syllabus The emergence and organization of the modern system of sovereign States. The political processes 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 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;* R. Niebuhr, *The Structure of Nations and Empires;* E. M. Winslow, *The Pattern of Imperialism;* H. Seton-Watson, *The New Imperialism;* R. Emerson, *From Empire to Nation;* A. Cobban, *National Self-Determination;* C. J. H. Hayes, *The Historical Evolution of Modern Nationalism;* I. Claude, *Power and International Relations;* A. B. Bozeman, *Politics and Culture in International History;* L. J. Halle, *The Nature of Power;* E. V. Gulick, *Europe's Classical Balance of Power;* B. Moore, *Soviet Politics: the Dilemma of Power;* G. A. Lipsky (Ed.), *Law and Politics in the World Community;* N. Ørvik, *The Decline of Neutrality;* A. Wolfers, *Discord and Collaboration;* R. Aron, *On War;* K. J. Holsti, *International Politics*.

581(a) International Politics (Class)

Professor Northedge, Mr James, Mr Mayall and Mr G. H. Stern. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject International Relations; *International Politics*, XIV 3b (second year).

582 Foreign Policy Analysis

Mr Donelan. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Foreign Policy Analysis*, XII 6 (second year); M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2 and other graduate students.

Syllabus The aim of this course is to provide a theoretical framework for the general study of foreign policy, together with some account of recent studies in this field. Such relevant aspects of the subject as the following will be considered: the various external and internal pressures affecting the making and implementation of foreign policy, the nature of choice in the conduct of external affairs, the limits within which policy-makers act and the problem of rationality in decision making.

Recommended reading J. Frankel, *The Making of Foreign Policy;* G. Modelski, *The Theory of Foreign Policy;* R. C. Snyder, H. W. Bruck and B. Sapin (Eds.), *Foreign Policy Decision-making;* F. Gross, *Foreign Policy Analysis;* M. Beloff, *Foreign Policy and the Democratic Process;* K. London, *The Making of Foreign Policy East and West;* P. Buck and M. Travis, *The Control of Foreign Relations in Modern Nations;* C. B. Marshall, *The Nature and Limits of Foreign Policy;* H. Morgenthau, *In Defence of the National Interest;* J. N. Rosenau, *Domestic Sources of Foreign Policy;* F. S. Northedge (Ed.), *The Foreign Policies of the Powers.*

583 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: *Foreign Policy Analysis*, XII 6 (second year); M.Sc.: *International Politics* XI 1; *International Politics of an Approved Region*, XI 7; *The Foreign Policies of the Powers*, XI 2 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 and the German Federal Republic will be considered in the session 1969–70.

Recommended reading

(a) The United States: J. W. Spanier, *American Foreign Policy since World War II;* G. A. Almond, *The American People and Foreign Policy;* D. S. Cheever and H. F. Haviland, *American Foreign Policy and the Separation of Powers;* C. V. Crabb, *American Foreign Policy in the Nuclear Age;* M. D. Donelan, *The Ideas of American Foreign Policy;* D. Cater, *Power in Washington;* C. Bell, *Negotiation from Strength;* B. Sapin, *The Making of United States Foreign Policy;* A. M. Schlesinger, Jr., *The Bitter Heritage;* A. M. Scott and R. H. Dawson, *Readings in the Making of American Foreign Policy.*

(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;* R. Pethybridge, *A Key to Soviet Politics;* G. F. Triska and D. D. Finley, *Soviet Foreign Policy;* A. B. Ulam, *Expansion and Co-existence.*

(d) France: E. M. Carroll, *French Public Opinion and Foreign Affairs, 1870–1914;* C. de Gaulle, *Mémoires de Guerre*, three vols., *L'Appel, L'Unité, Le Salut* (also available

in English translation); 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;* 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.*

583(a) Foreign Policy Analysis (Class)

Mr Donelan, Dr Bell and Mr G. H. Stern. Lent and Summer Terms, beginning in the sixth week of the Lent Term.

584 New States in World Politics

Dr Lyon. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *International Politics*, XII 5; XIV 3b (second year); M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2; *International Politics of an Approved Region*, XI 7 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.: *International Politics of Southern Asia*, XI 7; *The Foreign Policies of the Powers*, XI 2 and other graduate students.

Syllabus South and South-East Asia as a region or regions. The transition from colonial to independent status. The interplay of domestic and international politics.

Communism, colonialism and communalism, nationalism, irredentism. Civil-military relations. Problems of development and welfare. The influence of outside powers. The role of international organizations such as SEATO, ECAFE, the Colombo Plan. Selected political, economic and legal problems.

Recommended reading R. H. Fifield, *The Diplomacy of South-East Asia, 1945–1958*; B. Gordon, *The Dimensions of Conflict in South-East Asia;* G. A. Modelski (Ed.), SEATO, *Six Studies;* R.I.I.A., *Collective Defence in South-East Asia;* G. M. Kahin (Ed.), *Government and Politics of South-East Asia;* G. M. Kahin (Ed.), *Major Governments of Asia;* J. F. Cady, *South-east Asia: its Historical Development;* D. E. Kennedy, *The Security of Southern Asia;* A. Buchan (Ed.), *China and the Peace of Asia;* M. Brecher, *The New States of Asia;* A. Lamb, *Asia's Frontiers;* G. H. Jansen, *Afro-Asia and Non-Alignment;* C. B. McLane, *Soviet Strategies in S.E. Asia;* R. Brines, *The Indo-Pakistani Conflict*.

586 The Great Powers and the Middle East

Mr Evron. Five lectures, Summer 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 Soviet-American interests and relations in the area (including the Mediterranean), and exploration of the impact of France, Britain and China upon the central pattern of great power involvement.

Recommended reading will be given at the beginning of the course.

587 International Institutions

Miss Strange. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *International Politics*, XI 1; *International Institutions*, XI 3 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. Larus (Ed.), *From Collective Security to Preventive Diplomacy*; I. L. Claude, *Swords into Plowshares;* F. H. Hinsley, *Power and the Pursuit of Peace;* W. Schiffer, *The Legal Community of Mankind;* I. L. Claude, *Power and International Relations;* F. P. Walters, *A History of the League of Nations;* A. E. Zimmern, *The League of Nations and the Rule of Law, 1918–1935* (2nd edn., 1939); A. J. Mayer, *The New Diplomacy;* S. D. Kertesz and M. A. Fitzsimons (Eds.), *Diplomacy in a Changing World;* F. C. Iklé, *How Nations Negotiate*; H. Nicolson, *Evolution of Diplomatic Method;* R. Emerson, *From Empire to Nation;* A. Wolfers, *Discord and Collaboration;* G. L. Goodwin, *Britain and the United Nations;* H. G. Nicholas, *The United Nations as a Political Institution;* L. M. Goodrich and E. Hambro, *Charter of the United Nations: Commentary and Documents* (2nd edn., 1949); R. Higgins, *The Development of International Law through the Political Organs of the United Nations;* R. N. Gardner, *Sterling-Dollar Diplomacy;* B. Tew, *International Monetary Co-operation* (8th edn.); M. Kaser, *Comecon;* L. Bloomfield, *International Military Forces;* R. Gardner and M. Millikan, *The Global Partnership;* A. Shonfield, *The Attack on World Poverty;* H. A. G. Van Meerhaeghe, *International Economic Institutions;* R. E. Osgood, *NATO, The Entangling Alliance;* E. B. Haas, *The Uniting of Europe;* L. N. Lindberg, *The Political Dynamics of European Economic Integration;* and the relevant constitutional documents.

587(a) International Institutions (Class)

Miss Strange, Mr James and Mr Taylor. Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year).

588 Theories of International Institutional Co-operation

Mr Taylor. Ten lectures, Lent and Summer Terms.

For M.Sc.: *International Institutions*, XI 3; *European Institutions*, XI 4 and other undergraduate and graduate students interested.

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; multi-lateral diplomacy, peaceful change and the compatibility of state interests.

Recommended reading As for Course 587 and 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*.

589 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *European Institutions*, XI 4 and other graduate students interested.

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, *The Political Dynamics of European Economic Integration;* 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*.

590 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *International Institutions*, XI 3 and other graduate students interested.

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 and Comecon; 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;* A. Dallin and others (Eds.),

Diversity in International Communism; 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;* G. Nollau, *International Communism and World Revolution;* 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 undergraduate and graduate students interested.

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 592-603 are designed primarily for those taking the options indicated, but they 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: *The Politics of International Economic Relations*, XII 8b (third year); M.Sc.: *International Politics*, XI 1 and other graduate students interested.

Syllabus An analysis of (i) the sources and organization of national economic power; (ii) the economic factor in the formulation of foreign policy; (iii) the use of economic power as an instrument of foreign policy; (iv) the growth of the international economy: its political implications; (v) economic nationalism and regionalism in the international economy; (vi) problems of political control of the contemporary international economy; (vii) proposals for world trade and monetary reform and the problem of institutional change.

Recommended reading J. A. Hobson, *Imperialism* (3rd edn.); E. Staley, *War and the Private Investor;* L. Robbins, *The Economic Causes of War;* K. Polanyi, *Origins of our Time;* H. W. Arndt, *The Economic Lessons of the Nineteen-Thirties;* B. H. Klein, *Germany's Economic Preparations for War;* K. E. Knorr, *The War Potential of Nations;* H. G. Aubrey, *Coexistence: Economic Challenge and Response;* B. Shwadran, *The Middle East, Oil and the Great Powers;* Yuan-Li Wu, *Economic Warfare;* I. M. D. Little and J. M. Clifford, *International Aid;* G. Curzon, *Multilateral Commercial Diplomacy;* M. Goldman, *Soviet Foreign Aid;* H. J. Johnson, *Economic Policies towards Less Developed Countries;* Anthony Harrison, *The Framework of Economic Activity;* V. L. Galbraith, *World Trade in Transition;* S. Dell, *Trade Blocs and Common Markets;* B. Tew, *World Monetary Co-operation.*

592(a) The Economic Factor in International Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II: *The Politics of International Economic Relations*, XII 8b (third year).

593 War and Military Organization in the West from 1815 to the Present

Mr Bond (King's College). Twenty-five lectures, Sessional.

For M.Sc.: *Strategic Studies*, XI 6 and other graduate students interested.

Syllabus The pre-Napoleonic thinkers: Bourcet, Guibert, Lloyd, Scharnhorst. The interpreters of Napoleonic warfare: Clausewitz, Willisen, Jomini, Hamley. Military thought in the railway age: Moltke, Schlieffen, Foch, Grandmaison. The influence of the American Civil War. Geopolitical and maritime doctrines of war: Mackinder, Haushofer, Mahan, Corbett. Doctrines of armoured and air warfare: Fuller, Liddell Hart, Douhet. Economic and total war.

Recommended reading will be given at the beginning of the course.

593(a) Strategic Thought from Clausewitz to Douhet (Class)

Professor Martin and Mr Bond (King's College). Michaelmas Term.

For M.Sc.: *Strategic Studies*, XI 6 and M.A. War Studies.

593(b) Contemporary Developments in Strategic Thought (Class)

Professor Martin (King's College). Lent and Summer Terms.

For M.Sc.: *Strategic Studies* XI 6 and M.A. War Studies.

594 Contemporary Strategic Problems

Mr Windsor. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Strategic Studies*, XII 8c (third year); M.Sc.: *Strategic Studies*, XI 6 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. Halperin, *Limited War in the Nuclear Age;* H. Bull, *The Control of the Arms Race;* L. Beaton, *Must the Bomb Spread?; The Western Alliance and the McNamara Doctrine;* A. Herzog, *The War-Peace Establishment;* K. Von Clausewitz, *War, Politics and Power;* P. Paret and J. W. Shy, *Guerrillas in the 1960s.*

594(a) The Strategic Aspects of International Relations (Class)

Mr Windsor and Mr Sims. Lent Term.

For B.Sc. (Econ.) Part II: *Strategic Studies*, XII 8c (third year).

595 War and Crisis in International Relations

Dr Bell. Ten lectures, Michaelmas Term.

For M.Sc.: *International Politics*, XI 1; *Strategic Studies*, XI 6; M.A. War Studies and other undergraduate and graduate students interested.

Syllabus This course will examine the causes and the occasions of war, the nature and management of international crises, diplomacy during hostilities, efforts at the control and prevention of war, and the effects of war on the society of states.

Recommended reading H. Kahn, *On Escalation;* K. Waltz, *Man, the State and War;* Q. Wright, *A Study of War;* J. W.

Spanier and J. L. Nogee, *The Politics of Disarmament;* H. S. Dinerstein, *War and the Soviet Union;* S. J. Deitchman, *Limited War and American Defense Policy;* D. Bobrow, *Components of Defence Policy;* H. Kissinger, *The Necessity for Choice;* D. J. Hekhuis, C. C. McClintock and A. L. Burns, *International Stability;* J. U. Nef, *War and Human Progress;* R. Higgins, *Conflicts of Interest;* T. Schelling, *Strategy of Conflict;* R. Aron, *Peace and War Among Nations;* R. Tucker, *The Just War.*

596 Strategic Policies of the Great Powers since the Second World War

Professor Martin (King's College). Ten lectures, Michaelmas Term.

For M.Sc.: *Strategic Studies*, XI 6 and other graduate students interested.

Syllabus The reorganization of the U.S. armed forces after 1945. The Atomic Energy Act, 1946, and the National Security Act, 1947. Inter-service conflicts over rearmament 1947–1950. The United States and the defence of Western Europe from 1949. The Korean War and its impact on U.S. defence policy. "The New Look", 1953, and the consequent controversies over organization and doctrine. The reorientation of policy under McNamara, 1960.

Recommended reading will be given at the beginning of the course.

597 Civil-Military Relations

Dr Mendl (King's College). Ten lectures, Michaelmas Term.

For M.Sc.: *Strategic Studies*, XI 6 and other graduate students interested.

Syllabus The study of civil-military relations as a political and social problem, constitutional questions arising out of the relationship of the armed forces to the civil power, structure of defence organization and defence expenditure and the national economy.

Recommended reading will be given at the beginning of the course.

597(a) Civil-Military Relations (Class)

Dr Mendl (King's College). Lent Term.

For M.Sc.: *Strategic Studies*, XI 6.

598 Theories of International Behaviour

Mr Banks. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject International Relations particularly for *Theories of International Politics*, XII 8a (second year); M.Sc.: *Theories of International Politics*, XI 5 and for other undergraduate and graduate students interested.

Syllabus Recent trends and developments in the theory of international relations and associated disciplines. Problems of methodology and epistemology. Attempts to apply operational concepts to the study of politics at the national, cross-national and international levels. Systems analysis and general systems theory. General international theories, normative and positive. Policy formation and execution: values, images and perception, decision-making, communication, adjustment. Conflict processes: origins, attributes and dynamics, resolution. Integrative processes: exchange models and functional interaction. Empirical research methods and findings: aggregate data analysis, computer simulation, small-group research, ethological research, content analysis.

Recommended reading H. Alker, *Mathematics and Politics;* M. H. Banks, *Conflict in World Society;* M. Barkun, *Law without Sanctions;* R. A. Bauer and K. J. Gergen (Eds.), *The Study of Policy Formation;* P. M. Blau, *Exchange and Power in Social Life;* J. W. Burton, *Conflict and Communication; Systems, States, Diplomacy and Rules;* K. W. Deutsch, *The Analysis of International Relations;* J. C. Farrell and A. P. Smith (Eds.), *Image and Reality in World Politics;* E. B. Haas, *Beyond the Nation-State;* M. Haas, *International Conflict;* M. A. Kaplan (Ed.), *Approaches to*

International Relations; H. C. Kelman (Ed.), *International Behavior;* C. A. McClelland, *Theory and the International System;* W. J. M. Mackenzie, *Politics and Social Science;* E. J. Meehan, *The Theory and Method of Political Analysis;* J. H. de Rivera, *The Psychological Dimension of Foreign Policy;* J. N. Rosenau (Ed.), *International Politics and Foreign Policy* (2nd edn.); B. M. Russett *et al.*, *World Handbook of Political and Social Indicators;* A. A. Said (Ed.), *Theory of International Relations;* A. M. Scott, *The Functioning of the International Political System;* J. D. Singer (Ed.), *Quantitative International Politics;* R. C. Snyder *et al.* (Eds.), *Foreign Policy Decision Making;* O. R. Young, *Systems of Political Science.* Also articles in *International Studies Quarterly; General Systems Yearbook; Journal of Conflict Resolution.*

598(a) Theories of International Behaviour (Class)

Mr Banks and Mr Sims. Lent Term, beginning in the sixth week.

For B.Sc. (Econ.) Part II: *Theories of International Politics*, XII 8a (second year) and for other interested students.

599 Theories of International Politics

Professor Goodwin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Theories of International Politics*, XII 8a (third year); M.Sc.: *Theories of International Politics*, XI 5 and for other undergraduate and graduate students interested.

Syllabus The principal theories concerning international politics, considered by way of a discussion of both the classical and contemporary writings.

Recommended reading R. Aron, *Peace and War, A Theory of International Relations;* H. Bull, "International Theory: The Case for a Classical Approach" (*World Politics*, April 1966); H. Butterfield and Martin Wight (Eds.), *Diplomatic Investigations;* J. L. Brierly, *The Basis of Obligation in International Law;* E. H. Carr, *The Twenty Years' Crisis;* K. Deutsch, *International Relations;* R. E. Osgood and R. W. Tucker, *Force, Order and Justice;* S. H. Hoffmann, *The State of War;* S. H. Hoffmann (Ed.), *Contemporary Theory in International Relations;* F. Meinecke, *Machiavellism, the Doctrine of Raison d'Etat and Its Place in Modern History;* K. N. Waltz, *Man, The State and War.*

599(a) Theories of International Politics (Class)

Professor Goodwin and Mr Taylor. Lent Term.

For B.Sc. (Econ.) Part II: *Theories of International Politics*, XII 8a (third year).

600 Conflict Theory and Analysis

Mr Sims. Ten lectures, Lent and Summer Terms.

For graduate and undergraduate students interested.

Syllabus Types, functions, dynamics and outcomes of conflict. General theories of conflict and their applicability to international relations. Special theories of conflict. Third-party intermediary functions. Conflict resolution, transformation and termination. Empirical studies of modern international conflict. Problems and methods of analysis. Application of models to real-world cases.

Recommended reading K. E. Boulding, *Conflict and Defence;* J. W. Burton, *Systems, States, Diplomacy and Rules; Conflict and Communication;* L. A. Coser, *The Functions of Social Conflict;* R. Fisher (Ed.), *International Conflict and Behavioural Science;* J. Galtung, *Theories of Peace; Conflict Theory;* L. Kriesberg (Ed.), *Social Processes in International Relations;* E. Luard, *Conflict and Peace in the Modern International System;* E. B. McNeil (Ed.), *The Nature of Human Conflict;* T. C. Schelling, *The Strategy of Conflict;* O. R. Young, *The Intermediaries; Journal of Conflict Resolution* (Ann Arbor); *Journal of Peace Research* (Oslo); *Peace Research Papers* (Philadelphia).

601 Philosophical Aspects of International Affairs

Professor Manning. Five or more lectures, Michaelmas Term.

For undergraduate and graduate students interested.

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* (first 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.*

602 Psychological Aspects of International Affairs

Professor Northedge. Ten lectures, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For undergraduate and graduate students interested.

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;* L. M. Fraser, *Germany between Two Wars;* 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;* 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.*

603 The Sociology of International Law

Mr James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Sociology of International Law*, XII 8d (third year) and other interested undergraduate and graduate students.

Syllabus The purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the "rule of law" in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer.

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;* 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;* B. Landheer, *On the Sociology of International Law and International Society.*

603(a) The Sociology of International Law (Class)

Mr James. Lent Term.

For B.Sc. (Econ.) Part II: *Sociology of International Law*, XII 8d (third year).

604 Imperialism

Mr E. A. Roberts. Ten lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *International Politics*, XII 5; XIV 3b (second year); M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2; *International Politics of an Approved Region*, XI 7 and other undergraduate and graduate students interested.

Syllabus Imperialism and colonialism in the nineteenth and twentieth centuries; theories of imperialism; the theory and practice of anti-imperialism.

Recommended reading will be given at the beginning of the course.

605 Current Issues in International Relations (Class)

Professor Northedge and Mr Sims. Lent and Summer Terms.

For interested students.

A weekly exchange of reflections on the current diplomatic scene and the issues it raises for the academic student of international relations.

SEMINARS FOR M.Sc. AND OTHER GRADUATE STUDENTS

606 Research Methods (Seminar)

Professor Northedge. Michaelmas Term.

For all first-year M.Phil., and Ph.D. students in International Relations.

607 International Politics

Professor Northedge and Mr G. H. Stern. Michaelmas Term.

For M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2; *International Politics of an Approved Region*, XI 7 and first-year graduate students.

608 Foreign Policy Analysis

The following four seminars will be held:

(a) Foreign Policy Analysis
Mr Donelan and Dr Bell. Lent Term.

For M.Sc.: *International Politics*, XI 1; *The Foreign Policies of the Powers*, XI 2;

(b) United States Foreign Policy
Mr Donelan. Lent Term (second five weeks).

For M.Sc.: *The Foreign Policies of the Powers*, XI 2 and other graduate students.

(c) British Foreign Policy
Professor Goodwin. Lent Term (second five weeks).

For M.Sc.: *The Foreign Policies of the Powers*, XI 2 and other graduate students.

(d) National Attitudes and Foreign Policy
Professor Northedge and Dr Tint. Summer Term.
For M.Sc.: *The Foreign Policies of the Powers*, XI 2 and other graduate students. Also open to third-year undergraduates.

609 International Institutions
Mr James and Mr Taylor. Michaelmas Term.
For M.Sc.: *International Politics*, XI 1; *International Institutions*, XI 3.

610 Seminar on East-West Relations in Europe
Mr Windsor and Mr Ionescu. Michaelmas and Lent Terms.
For staff and graduate students by invitation.

611 European Institutions
Professor Goodwin and Mr Taylor. Lent and Summer Terms.
For M.Sc.: *European Institutions*, XI 4 and other graduate students.

612 The Politics of International Economic Institutions
Miss Strange. Lent Term.
For M.Sc.: *International Institutions*, XI 3 and other graduate students.

613 International Communism
Mr G. H. Stern. Fortnightly, Lent Term.
For M.Sc.: *The Foreign Policies of the Powers*, XI 2; *International Institutions*, XI 3; *International Politics of Europe*, XI 7 and other graduate students.

614 Asia and the Pacific in International Relations
Dr Bell and Dr Leifer. Lent and Summer Terms.
For M.Sc.: *The Foreign Policies of the Powers*, XI 2; *International Politics of Southern Asia*, XI 7 and other graduate students.

615 Foreign Relations of African States
Mr Panter-Brick, Mr Mayall and Mr P. F. Dawson. Lent Term.
For M.Sc. *International Politics of Africa*, XI 7; M.A. Area Studies—Africa, and other graduate students.

616 Africa and World Politics
Mr Mayall. Fortnightly, Summer Term.
For staff and research students by invitation.

617 International Politics of the Middle East
Mr Evron. Summer Term.
For M.Sc.: *International Politics*, XI 1 and other graduate students.

618 Strategic Studies
Professor Martin, Dr Mendl and Mr Windsor. Sessional.
For M.Sc.: *Strategic Studies*, XI 6 and other graduate students.

619 War and Crisis in International Relations
Dr Bell and Mr E. A. Roberts. Lent Term.
For M.Sc.: *Strategic Studies*, XI 6; M.A. War Studies and other graduate students.

620 War as a Social Requirement
Mr Windsor. Summer Term.
For staff and graduate students.

621 Violent and Non-Violent Forms of Resistance
Mr E. A. Roberts. Michaelmas and Lent Terms.
For M.Sc.: *Strategic Studies*, XI 6 and other graduate students.

622 Economic Aspects of International Disputes
Mr Donelan and Mr Mayall. Lent Term.
For staff and graduate students by invitation.

623 The Place of International Business Corporations in the International System
Miss Strange. Lent Term.
For staff and graduate students by invitation.

624 Theories of International Politics
Mr Taylor. Lent Term.
For staff and M.Sc.: *Theories of International Politics*, XI 5 and other graduate students.

625 Theories of International Institutional Co-operation
Mr James and Mr Taylor. Summer Term (in the first half of the term).
For M.Sc.: *International Institutions*, XI 3; *European Institutions*, XI 4 and other graduate students.

626 Science in International Relations
Lord Ritchie Calder. Five lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II: special subject International Relations; M.Sc. *International Politics*, XI 1; *Strategic Studies*, XI 6 and other interested students.

Note The attention of graduate students is drawn to the following related course:
552 Pan-Africanism and the Foreign Relations of African States

Reference should also be made to the following sections and courses:
Economics (International Economics Courses)
International History
No. 449: **International Law**
No. 467: **Law of International Institutions**
No. 468: **Law of European Institutions**

Sociological Studies

453 Anthropology
459 Demography
463 Psychology
467 Social Science and Administration
475 Personnel Management
476 Course for Social Workers in Mental Health
480 Applied Social Studies
484 Sociology

Anthropology

Note For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.
186 B.Sc. (Econ.)
193-4 B.Sc. (Social Anthropology)
207-8 B.A./B.Sc. (Sociology)

(i) General

640 Introduction to Social Anthropology

Professor Freedman. Twenty-five lectures, Sessional.

For B.Sc. (Soc. Anth.) Part I; B.A./B.Sc. (Soc.), Branch I (first year); B.Sc. (Econ.) Part I: alternative subject 9, *Principles and Methods of Social Anthropology;* B.Sc. (Geog.) C 1; B.Sc. (Soc. Psych.) (first year); Dip. Soc. Anth. (first year); Dip. Soc. Admin., Overseas Option only (one year); graduate students taking qualifying examinations; B.Sc. (Econ.) Part II: *Social Aspects of Political and Economic Development*, VI 8k; *Economic and Political Systems*, XV 5 and 6h (second year).

Syllabus An introduction to the basic principles of the study of the simpler societies. General characteristics of societies of simple technology; relation of these to environment and race. Family and kinship; unilineal and non-unilineal descent; political systems with and without differentiated governmental institutions. Law and social control. Economic systems; division of labour, organization of production, gift. Religious and magical beliefs and practices. Social stratification.

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;* R. Firth, *We, The Tikopia;* L. P. Mair, *Primitive Government;* I. Schapera, *Government and Politics in Tribal Societies;* M. Gluckman, *Politics, Law and Ritual in Tribal Society:* E. E. Evans-Pritchard, *The Nuer; Kinship and Marriage among the Nuer;* R. Fox, *Kinship and Marriage.*

640(a) Classes

In connection with Course No. 640.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 1; B.Sc. (Soc. Psych.).

641 Man, Race and Culture

Mr Forge and Mr Kessler. Twenty-five lectures, Sessional.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 2.

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.

Essential reading S. L. Washburn (Ed.), *The Social Life of Early Man;* I. de Vore (Ed.), *Primate Behavior;* G. G. Simpson, *The Meaning of Evolution;* Sol Tax (Ed.), *Horizons of Anthropology;* V. Gordon Childe, *What Happened in History;* D. Morris (Ed.) *Primate Ethology;* B. Campbell, *Human Evolution;* Sonia Cole, *The Races of Man;* W. E. Le Gros Clark, *History of the Primates;* K. P. Oakley, *Man the Tool-Maker.*
Further reading will be given during the course.

641(a) Classes will be arranged in connection with Course No. 641.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 2.

642 Outlines of Ethnography

Dr Bloch and other members of the department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Econ.) Part II (second year): special subject Social Anthropology; B.Sc. (Geog.) C 3; Dip. Soc. Anth. (first year).
Optional for B.Sc. (Econ.) Part I: alternative subject 9, *Principles and Methods of Social Anthropology.*

Syllabus The course will offer an introduction to the cultural history and culture areas of E. Africa, E. Mediterranean and Oceania. A number of ethnographies will be considered in detail because of their intrinsic value and by way of example.

Essential reading OCEANIA: R. Firth, *We, The Tikopia;* B. Malinowski, *Argonauts of the Western Pacific;* J. D. Freeman, "The Family System of the Iban of Borneo" in J. Goody (Ed.), *The Developmental Cycle in Domestic Groups* (*Cambridge Papers in Social Anthropology*, No. 1).
E. MEDITERRANEAN: J. K. Campbell, *Honour, Family and Patronage;* F. Barth, *Nomads of Southern Persia;* A. Cohen, *Arab Border Villages.*
E. AFRICA: A. I. Richards, *Land, Labour and Diet;* C. M. Turnbull, *Wayward Servants;* J. H. M. Beattie, *The Bunyoro.*

642(a) Classes
In connection with Course No. 642.
For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C3.

643 Family and Kinship
Dr La Fontaine and Dr Woodburn. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; 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;* 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; Structural Anthropology;* A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage;* I. Schapera (Ed.), *Studies in Kinship and Marriage*. Further reading will be given during the course.

643(a) Classes
In connection with Course No. 643.
For B.Sc. (Soc. Anth.) Part II.

644(i) Political Institutions
Dr H. S. Morris. Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); *Economic and Political Systems*, XV 5 and 6h (third year); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus Political communities; modes of political organization. Social control: persuasive and coercive mechanisms. Governments and their activities. Composition and work of tribal courts. Relations between rulers and subjects.

Essential reading D. Easton, "Political Anthropology" in B. J. Siegel (Ed.), *Biennial Review of Anthropology*, 1959; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems;* M. Gluckman, *Politics, Law and Ritual in Tribal Society;* E. A. Hoebel, *The Law of Primitive Man;* W. J. M. Mackenzie, *Politics and Social Science;* L. Mair, *Primitive Government;* J. Middleton and D. Tait (Eds.), *Tribes without Rulers;* I. Schapera, *Government and Politics in Tribal Societies;* M. J. Swartz, V. W. Turner, and A. Tuden (Eds.), *Political Anthropology,* P. Vinogradoff, *Commonsense in Law.*

644(ii) Economic Institutions
Dr Bloch. Ten lectures, Lent Term.
For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); *Economic and Political Systems*, XV 5 and 6h (third year); Dip. Soc. Anth.; 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: economic relations as part of social relations; economics and ritual; economic structure and kinship structure; land tenure; trade, exchange and markets; the transition from subsistence to cash economies; systems of saving and credit.

Essential reading R. Firth, *Primitive Polynesian Economy;* P. Bohannan, *Tiv Economy;* H. C. Conklin, *Hanunóo Agriculture;* J. Goody, *Death, Property and the Ancestors;* F. Bailey, *Caste and the Economic Frontier;* C. S. Belshaw, *Traditional Exchange and Modern Markets;* R. F. Salisbury, *From Stone to Steel;* R. Firth, *Malay Fishermen: their Peasant Economy;* T. S. Epstein, *Economic Development and Social Change in South India;* R. Firth (Ed.), *Themes in Economic Anthropology.*

644(a) Classes
In connection with Courses Nos. 644(i) and 644(ii).
For B.Sc. (Soc. Anth.) Part II.

645 Magic, Religion and Morals
Professor Freedman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years), Dip. Soc. Anth.; 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 M. Banton (Ed.), *Anthropological Approaches to the Study of Religion;* C. Lévi-Strauss, *Totemism; La pensée sauvage* (or English translation); F. Steiner, *Taboo;* M. Douglas, *Purity and Danger;* A. van Gennep, *The Rites of Passage;* E. Durkheim, *The Elementary Forms of the Religious Life;* E. E. Evans-Pritchard, *Theories of Primitive Religion;* M. Fortes and G. Dieterlen (Eds.), *African Systems of Thought;* M. Ginsberg, *On the Diversity of Morals.*
Further reading will be suggested during the course.

645(a) Classes
In connection with Course No. 645.
For B.Sc. (Soc. Anth.) Part III.

646 Advanced Ethnography
Dr H. S. Morris, Dr La Fontaine and other members of the department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc.Anth.) Part III, 2a; B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus A set of monographs dealing with a range of primitive and other non-industrial societies, considered in detail.

Essential reading E. P. Dozier, *The Kalinga of Northern Luzon;* A. L. Epstein (Ed.), *The Craft of Social Anthropology;* L. A. Fallers (Ed.), *The King's Men;* M. Fortes, *The Dynamics of Clanship among the Tallensi; The Web of Kinship among the Tallensi;* B. Malinowski, *Argonauts of the Western Pacific; Coral Gardens and their Magic; The Sexual Life of Savages;* A. Southall and P. Gutkind, *Townsmen in the Making.*
Additional reading will be given during the course.

646(a) Classes
In connection with Course No. 646.
For B.Sc. (Soc. Anth.) Part III, 2a.

647(i) Anthropological Linguistics: Introduction to General Linguistics
Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part III, 2b.
This course will be taught in the Department of Language Studies. (See Course No. 360.)

647(ii) Anthropological Linguistics: Linguistics and Anthropological Problems
Dr Woodburn and others. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part III, 2b.

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. 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).
Further reading will be given during the course.

647(a) Classes
In connection with Courses Nos. 647(i) and 647(ii).

For B.Sc. (Soc. Anth.) Part III, 2b.

648(i) Advanced Theory of Social Anthropology: History of Social Anthropology
Dr H. S. Morris. Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus The nineteenth-century background of 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, *The The Rise of Anthropological Theory;* H. R. Hays, *From Ape to Angel;* 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.*

648(ii) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory
Dr La Fontaine. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus Theories of social anthropology as they have been developed since the second World War.

Essential reading M. Banton (Ed.), *The Relevance of Models for Social Anthropology;* E. R. Leach, *Rethinking Anthropology;* F. Barth, *Models of Social Organization;* C. Lévi-Strauss, *Structural Anthropology;* R. Firth, *Essays on Social Organization and Values;* C. Lévi-Strauss, *The Scope of Social Anthropology;* M. Gluckman (Ed.), *Closed Systems and Open Minds;* S. F. Nadel, *The Theory of Social Structure;* H. H. Gerth and C. Wright Mills, *From Max Weber: Essays in Sociology.*

648(a) Classes
In connection with Courses Nos. 648(i) and 648(ii).

For B.Sc. (Soc. Anth.) Part III.

649 Social Anthropology (Classes)
Sessional.

For B.A./B.Sc. (Soc.), Branch II; B.A./B.Sc. (Soc.), Branch I, 9 and 10h; B.Sc. (Econ.) Part I: alternative subject *Principles and Methods of Social Anthropology*; B.Sc. (Econ.) Part II: special subject Social Anthropology.

(ii) Regional

650 Ethnography of Melanesia with special reference to New Guinea
Mr Forge. Ten lectures and ten classes, Lent Term.

For B.A./B.Sc. (Soc.) Branch II (second year); B.Sc. (Econ.) Part II (second and third years): special subject Social Anthropology; Dip. Soc. Anth. (Special Area: Melanesia).

Syllabus The course will deal with the social structures and cultures of Melanesia as a whole; but discussion will concentrate on certain well-reported New Guinea societies.

Essential reading B. Malinowski, *Argonauts of the Western Pacific; Sexual Life of Savages;* P. Lawrence and M. J. Meggitt (Eds.), *Gods, Ghosts and Men in Melanesia;* P. Lawrence, *Road Belong Cargo;* R. A. Rappaport, *Pigs for the Ancestors;* R. F. Fortune, *Manus Religion;* M. J. Meggitt, *Lineage Systems of the Mae Enga;* G. Bateson, *Naven;* P. M. Worsley, *The Trumpet Shall Sound;* H. C. Brookfield and P. Brown, *The Struggle for Land.*

Teaching may be available by arrangement at either University College or the School of Oriental and African Studies for the following ethnographic areas: North-East Africa, East Africa, Central Africa, West Africa, India, South-East Asia.

(iii) Applied

651 Social Implications of Technological Change
Professor I. M. Lewis. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Social Aspects of Political and Economic Development*, VI 8k (second year); XIII 2b (second and third years); optional for B.Sc. (Soc.) Branch III, 7b (third year); Special Course for Overseas Administrators; Dip. Soc. Admin., Overseas Option only (one-year); Dip. Soc. Anth. (second year); Dip. Development Admin.

Syllabus Changes in family life, political structure, economic relations and religion under the influence of western technology. Applied anthropology in relation to problems of education, health, family planning and community development.

Essential reading F. G. Bailey, *Caste and the Economic Frontier;* L. P. Mair, *Anthropology and Social Change; New Nations;* B. D. Paul and W. B. Miller (Eds.), *Health, Culture and Community;* E. H. Spicer (Ed.), *Human Problems in Technological Change;* G. M. Foster, *Traditional Cultures and the Impact of Technological Change;* P. Marris, *Family and Social Change in an African City;* T. S. Epstein, *Economic Development and Social Change in South India;* R. Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies;* A. L. Epstein, *Politics in an Urban African Community.*
Other reading will be suggested in the course of the lectures.

651(a) Applied Anthropology and Social Development in Low-Income Countries
Mr Kessler and Mr Forge. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Aspects of Political and Economic Development*, VI 8k (third year); Dip. Soc. Admin., Overseas Option only (one-year).

Syllabus Social problems arising from technological change in such fields as

public health, nutrition, education, community development and social welfare. The relation of anthropology to such problems and the study of social change generally.

Recommended reading will be given during the course.

(iv) Special

652 A Programme of Ethnographic Films
Dr Woodburn. Sessional.

For all students, undergraduate and graduate, taking Anthropology as any part of their course.

653 Japanese Local and Kinship Organisation
Professor R. J. Smith. Eight lectures, Lent Term.

FOR GRADUATE STUDENTS

654 Seminar on Anthropological Theory
Professor Freedman and other members of the department. Sessional.

For senior graduate students. Admission only by permission of Professor Freedman. This seminar is not open to students taking qualifying examinations.

655 Seminar on Current Anthropological Themes
Dr Woodburn and Dr Bloch. Michaelmas and Lent Terms.

For first-year graduate students.

656 Seminar on the Analysis of Field Materials
Dr H. S. Morris and Mr Forge. Lent and Summer Terms.

For graduate students recently returned from the field.

657 Seminar on Field Methods
Dr La Fontaine and others. Weekly, Michaelmas Term.

For graduate students other than those taking qualifying examinations.

658 Regional Seminars

Seminars on the anthropological study of (i) South-East Asia, (ii) Melanesia, (iii) Africa and (iv) China may be arranged.

659 Teaching Seminar
Professor I. M. Lewis. Sessional.

For graduate students taking qualifying examinations.

Reference should also be made to the following course:
No. 365 **Language and Society (Seminar)**

Demography

680 Introduction to Demography
Mr Carrier. Twenty lectures and twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (second year); 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: R. R. Kuczynski, *Measurement of Population Growth;* D. V. Glass, *Population Policies and Movements in Europe* (Appendix); H. M. Woods and W. T. Russell, *Introduction to Medical Statistics;* L. I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life;* A. B. Hill, *Principles of Medical Statistics;* 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;* J. Koren (Ed.), *History of Statistics;* H. L. Westergaard, *Contributions to the History of Statistics;* 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*.
References to articles and works of specialized interest will be given in the lectures.

681 Mathematics of Population Growth
Mr Carrier. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year); Dip. Stats.; optional for M.Sc.: *Demography II*, III 2. Recommended for other graduate students.
Students will be expected to have attended Course No. 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, "The Intrinsic Rate of Natural Increase and the Dominant Root of the Projection Matrix" (*Population Studies*, March, 1965); N. Keyfitz, "Finite Approximations in Demography" (*Population Studies*, March, 1966).
Detailed references will be given as the course proceeds.

682 Elements of Demographic Analysis I
Mr Hajnal and Dr Thapar. Twenty-two hours, Sessional.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10e, Branch II, 10b (second year); B.Sc. (Geog.) C 251; optional for M.Sc.: *Demography I*, III 1; XIX 3ix.

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 Hajnal and Dr Thapar. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a; B.A./B.Sc. (Soc.) Branch I, 9 and 10e, Branch II, 10b (third year); B.Sc. (Geog.) C 251.

684 Population Trends and Policies

Professor Glass. Ten lectures, Michaelmas Term. Class work will also be required.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a; *Demography II*, X 6 and 7b; XI 5, 6 and 7g (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10e and Branch II, 10b (second year); B.Sc. (Geog.) C 251; B.Sc. (Maths.): *Demography II* (second year); M.Sc.: *Demography I*, III 1; XIX 3ix; 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.

Recommended reading will be given during the course.

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: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year); Dip. Stats.; optional for M.Sc.: *Demography II*, III 2. 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: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year).

FOR GRADUATE STUDENTS

687 Formal Demography

Mr Hobcraft and Dr Thapar. Twenty hours of lectures and classes, Michaelmas Term.

For M.Sc.: *Demography I*, III 1; XIX 3ix.

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 Langford and Mr Brass. Thirty lectures and twenty classes, Sessional.

Michaelmas Term: For M.Sc.: *Demography I*, III 1; XIX 3ix.

Lent and Summer Terms: For M.Sc.: *Demography II*, III 2.

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. Techniques of population projections.

Recommended reading United Nations, *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries;* U.N. Economic Commission for Africa, *Methods and Problems of African Population Censuses and Surveys, 1955–64*; Norma McArthur, *Introducing Population Statistics;* 1960 Population Census of Ghana, Volume V, *General Report;* Hong Kong, *Report of the Census, 1961* (3 vols.); United Nations, *Handbook of Vital Statistics Methods;* U.N. Economic Commission for Africa, *Methods and Problems of Civil Registration and Vital Statistics Collection in Africa;* United Nations, *Guanabara Demographic Pilot Survey;* International Population Conference, New York, 1961, Papers for Meeting 10; International Population Conference Ottawa, 1963, Papers for meeting on "Vital Statistics from Limited Data"; World Population Conference, Belgrade, 1965, Papers for Meeting B.6; U.N. Economic Commission for Africa, Papers for the *African Seminar on Vital Statistics* (1964) and for the *Working Group on Censuses of Population and Housing* (1965); W. Brass, papers in *Population Studies*, Vol. VII, No. 2, Vol. VIII, No. 1, Vol. XIV, No. 2; C. A. L. Myburgh, Paper in *Population Studies*, Vol. X, No. 2; United Nations, *Manuals on Estimating Populations*.

689 The Detection and Reduction of Errors in Demographic Data

Mr Hobcraft. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For M.Sc.: *Demography II*, III 2.

Syllabus Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Graduation by 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 will be given during the course.

690 Population Trends and Policies (Seminar)

Professor Glass and others. Fortnightly, Sessional.

For M.Sc.: *Demography I*, III 1; XIX 3ix.

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, Lent and Summer Terms.

For M.Sc.: *Demography I*, III 1; XIX 3ix.

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. Ten lectures and ten classes, Lent and Summer Terms.

For M.Sc.: *Demography I*, III 1; XIX 3ix.

Syllabus Examination, analysis and interpretation of data collected through censuses, vital registration and demographic surveys.

Recommended reading will be given during the course.

Psychology

700 Introduction to General and Social Psychology

Sections (i), (ii), (iii) and (iv) for B.Sc. (Soc. Psych.) (first year): with 700(a) comprise 1 course unit. Sections (i) and (ii) for B.Sc. (Econ.) Part I: alternative subject 10, *Introduction to Psychology;* Dip. Soc. Admin. incl. Overseas Option (first year and one-year); B.A./B.Sc. (Soc.) Branches I, 5; III (first year). Selected lectures for B.Sc. (Econ.) Part II: *Psychology*, IX 8b (second year).

(i) Fundamentals of Psychology

Dr A. P. E. L. Sealy, Mrs Geber and Mr A. D. Jones. Twenty-five lectures, Sessional.

Syllabus The genetic bases of behaviour; analysis of learned and unlearned patterns of behaviour in man and animals. Perceptual learning, concept formation and the process of categorization. The development of intelligence and personality.
Interaction in small groups; dynamics of small group behaviour including leadership and decision making.

(ii) Socialisation

Professor Himmelweit. Five lectures, Lent Term.

Syllabus Socialisation as an adaptation of the individual to the values and norms of relevant groups. The process of socialisation: social learning, imitation, modelling. Effectiveness of socialisation depending on timing (concept of stages, critical periods and incidents) as well as on past socialising experiences. Social class differences: effect of family, school, work, culture and Zeitgeist. Adult socialising experiences. Deviance.

(iii) Social Organization in Animals and Man

Dr A. P. E. L. Sealy and Mrs Geber. Five lectures, Summer Term.

Syllabus Comparative study of social organization; animal social behaviour including social dominance, territoriality, population adjustment.

(iv) Context of Psychology

Mr Hotopf. Five 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. The unconscious. Later historical developments.

Recommended reading will be given during the course.

700(a) Introduction to General and Social Psychology (Classes)

Weekly, Sessional.

For B.Sc. (Soc. Psych.) (first year).

701 Foundations of Experimental Psychology

Mr Seaborne. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Psych.) (first year): with 701(a) and 917: 1 course unit.

Syllabus Processes of information intake, psychophysical judgment, signal detection, perceptual organization, selective attention. Conditions for the acquisition of learned behaviour: classical and instrumental conditioning, generalization, discrimination and transfer of training. The role of incentives and motivation in learning, problems of reinforcement, reward schedules, brain mechanisms in reinforcement. Extinction and forgetting, interference theories, autonomous changes in memory, short-term memory. Development of learning capacity, learning sets, critical learning periods. Social learning, observational learning, social reinforcers.

Recommended reading will be given during the course.

701(a) Foundations of Experimental Psychology (Laboratory Sessions)
Mr Seaborne. Weekly, Sessional.

702 Biological Foundations of Psychology
Professor Wolpert (Middlesex Hospital Medical School).
Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Psych.) (first year): with 702(a): ½ course unit.

Syllabus Basic cell structure and function. Organization of tissues and elements of mammalian physiology and anatomy. Hormones. Reproduction. Neuronal properties and the structure and function of the nervous system including sense organs. The effect of drugs on the nervous system. Genetics: Mendelism, linkage, population and quantitative aspects.

702(a) Biological Foundations of Psychology (Laboratory Sessions)
Weekly, Michaelmas and first half of the Lent Term.

703 General Course in Social Psychology
Mr A. D. Jones and members of the department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Psychology*, IX 8b; B.A./B.Sc. (Soc.) Branch I, 5; Branch II, 10a (third year); B.Sc. (Soc.) Branch III (second year); B.Sc. (Soc. Anth.) Part II, 3d (second year).

Syllabus The place of social psychology in the social sciences; theories and concepts in social psychology. Social motivation, social perception and social learning; socialisation; role and status.
Formation and change of attitudes; stereotypes, prejudice.
The individual and the group; group functioning; leadership; conformity.
Selected topics in social psychology: national character; industrial relations; social change; organizational psychology; awareness contexts; cognitive dissonance; social comparison; interpersonal communication; exchange theory etc.

Recommended reading GENERAL TEXTBOOKS: R. Brown, *Social Psychology;* E. E. Jones and H. B. Gerard, *Foundations of Social Psychology;* P. F. Secord and C. W. Backman, *Social Psychology;* E. Maccoby, T. Newcomb and E. Hartley (Eds.), *Readings in Social Psychology;* I. Steiner and M. Fishbein (Eds.), *Current Studies in Social Psychology;* H. Proshansky and B. Siderberg (Eds.), *Basic Studies in Social Psychology;* D. Cartwright and A. Zander (Eds.), *Group Dynamics* (2nd edn.). OTHER BOOKS: J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society;* D. McClelland, *The Achieving Society;* M. Jahoda and R. Christie, *Studies in the Scope and Method of the Authoritarian Personality;* G. C. Homans, *Social Behaviour;* J. Thibaut and H. Kelley, *Social Psychology of Groups;* R. Zajonc, *Social Psychology;* H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child;* G. Lindzey and E. Aronson, *Handbook of Social Psychology* (new edn.); M. Jahoda and N. Warren, *Attitudes;* M. Deutsch and R. M. Krauss, *Theories in Social Psychology.*

704 Language and Thought
Mr Hotopf. Six lectures, Michaelmas Term.

For graduate students. Optional for B.A./B.Sc. (Soc.) (third year).

Syllabus Theories about the relationship between language, thought and perception that have been put forward by philosophers, linguists and sociologists will be considered. They will be assessed in the light of psychological theory and such empirical research as they have occasioned.

Recommended reading will be given at the beginning of the course.

705 The Role of the Mass Media
Professor Himmelweit. Four lectures, Michaelmas Term.

For graduate students. Optional for B.A./B.Sc. (Soc.) (third year).

706 Psychology Classes
Sessional.

(a) For B.Sc. (Econ.) Part I: alternative subject 10, *Introduction to Psychology*.
(b) For B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (first year).

707 Social Psychology Classes
Michaelmas and Lent Terms.

(a) For B.Sc. (Econ.) Part II: *Psychology*, IX 8b (second year).
(b) For B.Sc. (Econ.) Part II: *Psychology*, IX 8b (third year); B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (third year).

708 Social Psychology (Class)
Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II, 3d (second year).

FOR GRADUATE STUDENTS

709 Industrial Psychology
Mr R. Holmes. Thirteen lectures and classes, Michaelmas and Lent Terms.

For M.Sc.: *Operational Research Methods*, XII 4(i).

Syllabus Individual maturation and adjustment. 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.

710 Psychology Seminar
Professor Himmelweit. Fortnightly, Sessional.

For graduate students.

711 Theories and Concepts in Social Psychology (Seminar)
Members of the department.
Michaelmas and Lent Terms.

For M.Sc.: *Theories and Concepts of Social Psychology*, XVIII 1.

712 Communication, Attitude Change and Innovation (Seminars)

(i) Psychology of Social Change
Mr A. D. Jones. Sessional.

(ii) Communication and Attitude Change
Professor Himmelweit. Sessional.

For M.Sc.: *Communication, Attitude Change and Innovation*, XVIII 2 (vi) and other graduate students.

713 Language, Thought and Communication (Seminar)
Mr Hotopf. Sessional.

For M.Sc.: *Psychology of Language*, XVIII 2 (ii).
Students who attend Course No. 713 may also be interested in Course No. 365 Language and Society (Seminar).

714 Social Psychological Methods of Research
Dr Oppenheim and other members of the department. Sessional.

715 Social Psychology of Industrial and Other Organizations (Seminar)
Mr R. Holmes. Sessional.
For M.Sc.: *Social Psychology of Industrial and other Organizations*, XVIII 2 (iv).

716 Personality and Child Development (Seminar)

Dr A. P. E. L. Sealy. Sessional.

For M.Sc.: *Personality and Child Development*, XVIII 2 (i).
Students proposing to attend this course should have read at least the following or their equivalents before starting the course: C. Hall and G. Lindzey, *Theories of Personality;* R. Munroe, *Schools of Psychoanalytic Thought;* R. Lazarus and E. Opton, *Personality;* S. Freud, *New Introductory Lectures;* A. Freud, *The Ego and the Mechanisms of Defence;* A. Baldwin, *Theories of Child Development*.

717 Groups and Group Functioning (Seminar)

Professor Raven. Sessional.

For M.Sc. *Groups and Group Functioning*, XVIII 2 (iii).

718 Social Psychology of Education (Seminar)

Professor Himmelweit and Dr A. P. E. L. Sealy. Sessional.
This course will not be given in the session 1969-70.

For M.Sc.: *Social Psychology of Education and Work*, XVIII 2 (vii).

719 Social Psychology of Conflict (Seminar)

Dr Oppenheim. Sessional.

For M.Sc.: *Social Psychology of Conflict*, XVIII 2 (v).

Note Students are also referred to courses on Psychology listed in the section on Social Science and Administration and to Course No. 995 in Statistics.

Social Science and Administration

720 Development of Social Administration

Lecturers to be announced. Twenty-five lectures, Sessional.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (second year); B.Sc. (Soc.) Branch III, 4 (second year); Dip. Soc. Admin. (one-year incl. Overseas Option and first year); B.Sc. (Geog.) C 303; Dip. Development Admin.

Syllabus An introduction to the subject of Social Administration followed by an examination of the more recent developments since the 1930s. A survey, in greater detail, of the main fields of social administration: income redistribution, education, the housing market, medical care and the personal social services. A concluding discussion of selected current problems and the evolution of social policies.

Recommended reading M. P. Hall, *The Social Services of Modern England;* Maurice Bruce, *The Coming of the Welfare State;* K. de Schweinitz, *England's Road to Social Security;* H. C. Barnard, *A History of English Education from 1760;* Almont Lindsey, *Socialized Medicine in England and Wales;* David Owen, *English Philanthropy, 1660–1960;* K. Woodroofe, *From Charity to Social Work;* R. M. Titmuss, *Problems of Social Policy*; *Essays on "The Welfare State";* D. V. Donnison, *The Government of Housing;* J. B. Cullingworth, *Town and Country Planning in England and Wales;* J. A. G. Griffith, *Central Departments and Local Authorities;* A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom;* T. H. Marshall, *Social Policy*.
Basic statistical data and bibliographies will be distributed from time to time during lectures.

721 Social Policy

Professor Titmuss. Nine lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year); B.Sc. (Soc.) Branch III, 4 (third year); B.Sc. (Geog.) C 303; Dip. Soc. Admin. (one-year incl. Overseas Option and second year); 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 Maurice Bruce, *The Coming of the Welfare State;* D. V. Donnison *et al.*, *Social Policy and Administration;* T. H. Marshall, *Social Policy;* R. K. Merton and R. A. Nisbet, *Contemporary Social Problems;* Talcott Parsons, *The Structure of Social Action; 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;* K. J. Arrow, "Uncertainty and the Welfare Economics of Medical Care" (*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*.

722 Policy Problems in Health Services

Professor Abel-Smith. Five lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year); B.Sc. (Soc.) Branch III, 4 (third year); Dip. Soc. Admin. (one-year incl. Overseas Option and second year).

Syllabus The origins of the National Health Service and its organization. Comparisons with other countries. Methods of financing medical care. The economics of health services. The use of manpower in the health sector. Problems

of hospital planning and organization. Co-ordination in the National Health Service. Problems of measuring need and demand.

Recommended reading A. Lindsey, *Socialized Medicine in England and Wales;* B. Abel-Smith, *The Hospitals 1800–1948;* B. Abel-Smith, *A History of the Nursing Profession;* H. Eckstein, *Pressure Group Politics;* Rosemary Stevens, *Medical Practice in Modern England;* T. Mckeown, *Medicine in Modern Society;* G. Forsyth and F. L. Logan, *The Demand for Medical Care;* H. Freeman and J. Farndale, *Trends in the Mental Health Services;* P.E.P., *Psychiatric Services in 1975* (*Planning*, Vol. XXIX, No. 468, 1963); Anne Cartwright, *Human Relations and Hospital Care;* R. W. Revans, *Standards for Morale;* Barbara Rodgers and Julia Dixon, *Portrait of Social Work;* D. Paige and K. Jones, *Health and Welfare Services in Britain in 1975;* B. Abel-Smith and Kathleen Gales, *British Doctors at Home and Abroad;* B. Abel-Smith, "Paying for Family Doctor Services" (*Medical Care*, Vol. I, No. 1, 1963); J. Hogarth, *The Payment of the General Practitioner;* H. E. Klarman, *The Economics of Health;* H. M. and A. Somers, *Doctors, Patients and Health Insurance;* Anne Cartwright, *Patients and their Doctors; Report of the Committee of Enquiry into the Relationship of the Pharmaceutical Industry with the National Health Service*, 1965–7 (Cmnd. 3410); J. A. S. Forman, *Social Casework in General Practice;* J. Simpson *et al.*, *Custom and Practice in Medical Care; Royal Commission on Medical Education*, 1965–8 (Cmnd. 3569); B. Abel-Smith, *An International Study of Health Expenditure* (W.H.O. Public Health Papers, No. 32).

723 Aspects of Social Policy

For Dip. Soc. Admin. (one-year incl. Overseas Option and second year); optional for B.Sc. (Soc.) Branch III, 4 (second year); B.Sc. (Geog.) C 303.

(i) Miss Slack. Ten lectures, Lent Term.

The course will be concerned with problems arising in the implementation of social policy in practice and with factors accounting for changes in policy and local differences in provision.

Recommended reading T. H. Marshall, *Social Policy;* Kathleen M. Slack, *Social Administration and the Citizen*, 2nd revised edn., 1969; D. C. Marsh (Ed.), *An Introduction to the Study of Social Administration;* Julia Parker, *Local Health and Welfare Services; Report of the Committee on Local Authority and Allied Personal Services* (Seebohm Committee) (H.M.S.O., Cmnd. 3703). Other reading will be given during the course.

(ii) Members of the department. Eight lectures, Summer Term.

These lectures will be concerned with current research and developments in social administration.

724 Social Policy and Planning

Professor Donnison. Ten lectures, Lent Term.

For M.Sc.: *Social Policy and Administration*, XVI 1; B.Sc. (Soc.) Branch III, 4 (third year). Optional for B.Sc. (Soc.) Branch I, 9 and 10b (third year).

725 Social Administration (Classes)

For Dip. Soc. Admin., one-year (incl. Overseas Option), first year and second year; B.Sc. (Soc.) Branch III, 4 (second and third years); B.A./B.Sc. (Soc.) Branch I, 9 and 10b (second and third years); B.Sc. (Geog.) C 303.

726 Central and Local Government Administration (Seminar)

Dr Parker and Mr Regan. Sessional.

For B.Sc. (Soc.) Branch III, 7a (third year).

727 Community Development Methods

Mr Hodge. Six lectures, Lent Term.

For Dip. Soc. Admin., one-year (Overseas Option only). Optional for M.Sc.: *Community Development*, XVI 2(v); Dip. Development Admin.

Syllabus The Community Development worker as an agent of change: his professional involvement, his authority, the skilled use of his personality; the setting of community development, surveys, problems of communication; contact groups and methods of approach; programmes and administration; the worker as enabler and resource person; technical support for local community effort; training of workers and voluntary auxiliaries.

Recommended reading G. M. Foster, *Traditional Cultures and the Impact of Technological Change;* T. R. Batten with M. Batten, *The Non-directive Approach in Group and Community Work; The Human Factor in Community Work;* T. R. Batten, *Training for Community Development;* U.N., *Community Development in Urban Areas* (Report by the Secretary-General, 1961); Clarence King, *Working with People in Small Communities; Working with People in Community Action;* W. H. Goodenough, *Cooperation in Change: an Anthropological Approach to Community Development;* R. A. B. Leaper, *Community Work;* W. W. Biddle with L. J. Biddle, *The Community Development Process; Encouraging Community Development;* JOURNALS: *International Review of Community Development; The Community Development Journal; Human Organization; Ekistics.*

728 Community Organization

Mr Hodge. Nine lectures, Michaelmas Term.

Optional for Dip. Soc. Admin. one-year (Overseas Option only); Dip. Development Admin.

Syllabus Community organization process in social work; the concept of community participation; values in community organization; practice: the focus upon a geographical base, the focus upon relationships; community organization and physical planning; the tools of community organization: groups, committees, records; training for community organization.

Recommended reading M. G. Ross with B. W. Lappin, *Community Organization, Theory, Principles and Practice;* G. Hendriks, *Community Organization;* E. B. Harper and A. Dunham, *Community Organization in Action;* National Council of Social Service, *Community Organisation: an Introduction; Working with Communities; Community Organisation: Work in Progress;* P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain;* R. C. Wilson, *Difficult Housing Estates;* J. Spencer *et al.*, *Stress and Release in an Urban Estate;* R. Frankenberg, *Communities in Britain;* P. Jephcott, *A Troubled Area: Notes on Notting Hill;* U.K. Ministry of Housing and Local Government, *The First Hundred Families: Community Facilities for First Arrivals in Expanding Towns; The Needs of New Communities;* P. Marris and M. Rein, *Dilemmas of Social Reform;* R. Morris and R. H. Binstock, *Feasible Planning for Social Change;* The Calouste Gulbenkian Foundation, *Community Work and Social Change.*

729 Social Policy in Developing Countries

Mr Hodge and others.

(a) Classes

For Dip. Development Admin.; Dip. Soc. Admin., one-year (Overseas Option only).

(b) Seminar

Sessional.

For Dip. Soc. Admin., one-year (Overseas Option only); B.Sc. (Soc.) Branch III, 7b (third year); M.Sc.: *Community Development*, XVI 2(v); Dip. Development Admin.

730 Social Structure and Social Policy in Societies Undergoing Industrialization (Class)

Mr Hodge. Sessional.

For B.Sc. (Soc.) Branch III, 7b (third year).

731 Introduction to Social Work

For Dip. Soc. Admin., one-year incl. Overseas Option and first year.

(i) Community Work
Various lecturers. Four lectures, Lent Term.

(ii) Group Work
Miss Parsloe. Three lectures, Lent Term.

(iii) Case Work
Miss Elkan. Three lectures, Lent Term.

732 Aspects of Social Work
Various lecturers. Ten lectures, Lent Term.

For Dip. Soc. Admin., one-year incl. Overseas Option and first year.

733 Social History
Professor McGregor. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (first year).

733(a) Social History (Classes)
Sessional, in connection with Course No. 733.

734 British Social History: Special Aspects
Professor McGregor and others. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (second year).

734(a) British Social History (Seminar)
Professor McGregor. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (third year).
Syllabus and **recommended reading** will be given during the course.

735 Elements of Government (Classes)
Fortnightly, Sessional, in connection with Course No. 417.

For B.Sc. (Soc.) Branch III, 2 (first year).

736 British Political, Administrative and Legal Institutions
Dr Burton and Mrs Stark. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 2 (second year).

Syllabus The Legislative Process: the Cabinet; committees of enquiry; political parties; Parliament; the law. The Administrative Process: statutory instruments; decision-taking in external and domestic affairs; local government; statutory bodies and public corporations. The Financing of Policies: the Budget; Treasury control; local authority finances; the supply of money and the balance of payments. The Citizen and Government: administrative justice; the redress of grievances; the M.P.; the Parliamentary Commissioner.

Recommended reading R. T. McKenzie, *British Political Parties;* H. Daalder, *Cabinet Reform in Great Britain;* K. C. Wheare, *Government by Committee;* A. H. Hanson and H. V. Wiseman, *Parliament at Work;* M. Beloff, *New Dimensions in Foreign Policy;* F. A. Johnson, *Defence by Committee;* J. A. G. Griffith, *Central Departments and Local Authorities;* S. H. Beer, *Treasury Control;* D. N. Chester (Ed.), *Lessons of the British War Economy;* H. W. R. Wade, *Administrative Law;* P. and G. Ford, *A Guide to Parliamentary Papers;* G. le May, *British Government 1914–1953, Select Documents.*

736(a) British Political, Administrative and Legal Institutions (Classes)
Fortnightly, Sessional, in connection with Course No. 736.

737 Ethics and Social Philosophy
Mr Lloyd Thomas. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 6 (first year).

Syllabus An elementary introduction to moral philosophy, covering the following topics: utilitarianism; utilitarianism and justice. Qualities of pleasure. The concepts

of pleasure and happiness. Good motives. Can we know the consequences of actions? The "proof" of utilitarianism. Act and Rule utilitarianism. The naturalistic fallacy. Evaluative and descriptive uses of language. The universalizability of moral judgments. Emotivism. Moral relativism. Free will and determinism.

Recommended reading J. S. Mill, *Utilitarianism;* J. J. C. Smart, *An Outline of a System of Utilitarian Ethics;* S. Toulmin, *The Place of Reason in Ethics;* R. M. Hare, *The Language of Morals;* R. M. Hare, *Freedom and Reason;* G. E. Moore, *Principia Ethica;* I. Kant, *Groundwork of the Metaphysic of Morals;* M. G. Singer, *Generalization in Ethics;* D. Hume, *A Treatise of Human Nature;* C. L. Stevenson, *Ethics and Language;* A. J. Ayer, *Language, Truth and Logic;* D. F. Pears (Ed.), *Freedom and the Will;* M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. I; J. Hospers, *Human Conduct;* D. Hume, *An Enquiry Concerning the Principles of Morals.*

737(a) Ethics and Social Philosophy (Classes)
Sessional, in connection with Course No. 737.

738 The Family in Law and in Society
Professor McGregor and Mr Blom-Cooper. Twenty lectures, Michaelmas and Lent Terms. At Bedford College.

For B.Sc. (Soc.) Branch III, 7d (third year).
Syllabus and **recommended reading** will be given during the course.

738(a) The Family in Law and in Society (Classes)
At Bedford College, in connection with Course No. 738.

739 The Financing of the Social Services
Mr B. P. Davies and others. Ten lectures, Lent Term.

For B.Sc. (Soc.) Branch III, 3 (third year); Dip. Soc. Admin. (second year and one-year). Optional for B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year).

Syllabus (i) Local government social services; resources, needs and provision; charging for services—the school meals case; management, management techniques and the efficiency of allocation
(ii) Education (iii) Social Security
(iv) Housing.

Recommended reading A. Williams, *The Contribution of Micro-economics to Efficiency in Government* (C.A.S. Paper, H.M.S.O.); Institute of Municipal Treasurers and Accountants, *Cost-Benefit Analysis—Local Government Case Studies* (London, 1969); Bleddyn Davies, *Social Needs and Resources in Local Services* (London, 1968); J. Vaisey, *Resources for Education* (London, 1968); A. R. Prest, *The Finance of University Education* (I.E.D.). Other reading will be given during the course.

740 Social Economics: Public Finance
Professor Ilersic. Ten lectures, Lent Term. At Bedford College.

For B.Sc. (Soc.) Branch III, 3 (second year).

Syllabus Growth and finance of public sector expenditure since 1900; principles and application of fiscal and budgetary policy; the U.K. tax structure including the local rate.

Recommended reading U. K. Hicks, *British Public Finances, 1820–1952;* Worswick and Ady, *The British Economy in the 1950s* (chap. 8); A. R. Ilersic, *Taxation of Capital Gains; Report of the Committee on Turnover Taxes* (Cmnd. 2300); *Report of the Committee of Inquiry into Impact of Rates on Households* (Cmnd. 2582); P. D. Henderson, *Economic Growth in Britain.*

741 Economics (Classes)
(a) Fortnightly, Sessional.

For Dip. Soc. Admin. (first year, second year and one-year, incl. Overseas Option).

(b) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III, 3 (first, second and third years).

742 Research Methods in Social Administration (Class)

Mr B. P. Davies. Sessional.

For Dip. Soc. Admin. (second year and one-year).

743 Personality and Abnormal Psychology

Mrs Wilkinson. Six lectures, Lent Term, beginning in the fifth week.

For B.A./B.Sc. (Soc.) Branch I, 5; Branch II, 10a (second year); Dip. Soc. Admin. (second year). Optional for Dip. Soc. Admin., incl. Overseas Option (one-year).

Syllabus Concepts of abnormality; classification of mental illness; organic psychoses; functional psychoses; psychoneuroses; personality disorders; psychodynamic and behaviourist approaches; psychological reactions to stress; psychiatric and psychological treatment; concepts of personality; personality assessment.

Recommended reading will be given during the course.

744 Psychology in Social Administration

Professor Plowman. Five lectures, Summer Term.

For Dip. Soc. Admin. (one-year incl. Overseas Option and second year); B.Sc. (Soc.) Branch III (second year).

Syllabus and **recommended reading** will be given during the course.

745 Psychology (Classes)

(a) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III (first and second years).

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. (one year incl. Overseas Option, first and second years).

746 Social Structure (Classes)

(a) Fortnightly, Lent Term.

For Dip. Soc. Admin. (first year).

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. (second year and one-year).

(c) Weekly, Lent and Summer Terms.

For Dip. Soc. Admin., Overseas Option (one-year).

(d) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III, 6 (first, second and third years).

747 Seminar in Social Administration

For B.Sc. (Soc.) Branch III (first year).

FOR GRADUATE STUDENTS

M.Sc.: Social Administration and Social Work Studies—Option A

748 Social Policy and Administration (Seminar)

Professor Abel-Smith, Professor Titmuss, Mr B. P. Davies, Mr Glennerster and Mr A. L. Webb. Fortnightly, Sessional.

For M.Sc.: *Social Policy and Administration*, XVI 1; other students may attend only 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;* Christopher Green, *Negative Taxes and the Poverty Problem.*

749 Medical Care (Seminar)

Professor Abel-Smith and Mrs Rose.

For M.Sc.: *Medical Care*, XVI 2(i); other students may attend only with the consent of the lecturers.

Syllabus The development of health services in Britain: the social, demographic and economic facts relevant to planning health services; the problem of determining priorities between different parts of health services; the principles of hospital planning; the balance between private and public health services; problems of private and public health insurance; manpower planning and the training of health personnel; the control of drugs; the collection and uses of health statistics; the economics of medical care; the evaluation of medical care services; the effects of different forms of central, regional and local administration; the relationships of health and social services; comparisons between the health services of Britain and those of other high-income countries.

Recommended reading A. Lindsey, *Socialized Medicine in England and Wales;* B. Abel-Smith, *The Hospitals, 1800–1948;* Rosemary Stevens, *Medical Practice in Modern England;* T. Mckeown, *Medicine in Modern Society;* G. Forsyth and F. L. Logan, *The Demand for Medical Care;* H. Freeman and J. Farndale, *Trends in the Mental Health Services;* K. Jones and R. Sidebotham, *Mental Hospitals at Work;* Anne Cartwright, *Human Relations and Hospital Care;* R. W. Revans, *Standards for Morale;* P. F. Gemmill, *Britain's Search for Health;* B. Rodgers and J. Dixon, *Portrait of Social Work;* Ministry of Health, *The Field of Work of the Family Doctor;* Margot Jefferys, *An Anatomy of Social Welfare Services;* R. Titmuss *et al.*, *The Health Services of Tanganyika.*

750 Social Security (Seminar)

Professor Abel-Smith.

For M.Sc.: *Social Security*, XVI 2(ii); other students may attend only with the consent of the lecturer.

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. Gilbert, *The Evolution of National Insurance in Great Britain;* W. Beveridge, *Social Insurance and Allied Services* (Cmd. 6404, 1942); A. T. Peacock, *The Economics of National Insurance;* B. Abel-Smith and P. Townsend, *The Poor and the Poorest;* A. F. Young, *Industrial Injuries Insurance; Report of the Committee on the Economic and Financial Problems of the Provision for Old Age* (Cmd. 9333, 1954); Labour Party,

National Superannuation; 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.*

751 Welfare Services (Seminar)

Miss Slack.

For M.Sc.: *Welfare Services*, XVI 2(iii); other students may attend only with the consent of the lecturer.

Syllabus The nature of welfare services for the physically and mentally handicapped; the aged and infirm; the deprived, delinquent and school child; the unmarried parent; the family in situations of misfortune. The causes and varieties of need in these groups and the historical development of provisions to meet them made by statutory and voluntary agencies. The concept of community care. The problems of staffing and co-ordination of welfare services. The case for an integrated local authority welfare service.

Recommended reading Kathleen M. Slack, *Social Administration and the Citizen*, 2nd revised edn., 1969; Julia Parker, *Local Health and Welfare Services;* T. H. Marshall, *Social Policy;* A. Forder (Ed.), *Penelope Hall's Social Services of England and Wales;* D. Paige and K. Jones (National Institute of Economic and Social Research), *Health and Welfare Services in Britain in 1975*; B. P. Davies, *Social Needs and Resources in Local Services;* Jean Heywood, *Children in Care;* V. Wimperis, *The Unmarried Mother and her Child;* Ministry of Labour and National Service, *Services for the Disabled* (H.M.S.O.); The National Council of Social Service. *The Welfare of the Disabled; Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency*, 1954-57 (Cmnd. 169); Jeremy Tunstall, *Old and Alone;* P. Townsend and D. Wedderburn, *The Aged in the Welfare State* (Occasional Papers on Social Administration, No. 14); Ministry of Health, Department of Health for Scotland, *Report of the Working Party on Social Workers in the Local Authority Health and Welfare Services* (H.M.S.O.); T. H. Marshall, *Sociology at the Crossroads*, chap. 16; *Report of the Committee on Local Authority and Allied Personal Services* (Seebohm Committee) (H.M.S.O., Cmnd. 3703).

752 Housing and Town Planning (Seminar)

Miss Nevitt. Michaelmas and Lent Terms.

For M.Sc.: *Housing and Town Planning*, XVI 2(iv); other students may attend only with the consent of the lecturer.

Syllabus The structure of the housing market in Britain; the analysis and forecasting of housing requirements; housing policies in Britain. The house-building industry and policies for its development. The town planning system: its influence upon the development process generally, and the building and distribution of housing particularly.

Recommended reading D. V. Donnison, *The Government of Housing;* J. B. Cullingworth, *Housing and Local Government in England and Wales; Town and Country Planning in England and Wales;* A. A. Nevitt, *Housing Taxation and Subsidies;* M. Bowley, *The British Building Industry;* J. A. G. Griffith, *Central Departments and Local Authorities;* N. Lichfield, *Economics of Planned Development;* W. G. Grigsby, *Housing Markets and Public Policy;* A. A. Nevitt (Ed.), *The Economic Problems of Housing; Royal Commission on Local Government in England 1966-69*, Vols. I and II (Cmnd. 4040 and 4040-II).

753 Community Development (Seminar)

Mr Hodge. Sessional.

For M.Sc.: *Community Development*, XVI 2(v); other students may attend only with the consent of the lecturer.

Syllabus An examination of the theory of community development: its evolution, and the application of community development methods in various settings. Case-studies of the administrative framework of community development programmes with special reference to

British experience overseas in Africa and the Caribbean, and to the Indian programme. Community development in the United Kingdom.

Recommended reading W. W. Biddle with L. J. Biddle, *The Community Development Process;* P. de Schlippe, "Theory of Community Development" in J. A. Ponsioen (Ed.), *Social Welfare Policy* (first collection); S. Milburn, *A Study on Methods and Techniques of Community Development in the United Kingdom Dependent and Trust Territories* (U.N., ST/SOA/Ser.0/21, 1954); Colonial Office, *Educational Policy in British Tropical Africa* (Cmd. 2374, 1925); *Memorandum on the Education of African Communities* (No. 103, 1935); *Mass Education in African Society* (No. 186, 1944); *Education for Citizenship in Africa* (No. 216, 1948); *The Encouragement of Initiative in African Society* (African No. 1174, March, 1949); *Social Development in the British Colonial Territories* (Misc. No. 523, Feb., 1955); *Social Development through Family and Home* (1960); L. J. Lewis (Ed.), *Phelps-Stokes Reports on Education in Africa;* Sugata Dasgupta, *A Poet and a Plan: Tagore's Experiments in Rural Reconstruction;* Albert Mayer *et al.*, *Pilot Project, India;* W. and C. Wiser, *Behind Mud Walls, 1930–1960;* B. Mukerji, *Community Development in India;* Carl C. Taylor *et al.*, *India's Roots of Democracy;* V. P. Pandey, *Origin, Development and Problems of Village Community Projects in India;* U.N., *Public Administration Aspects of Community Development Programmes* (1959); *Community Development and National Development* (1963).

754 Educational Administration (Seminar)

Mr Glennerster.

For M.Sc.: *Educational Administration*, XVI 2(vii); other students may attend only with the consent of the lecturer.

Syllabus The development of educational policy and administration in Britain, particularly since 1918. The structure and relationships of the administrative organizations responsible for maintained schools, the systems of higher and further education, and the independent schools. The recruitment, training and deployment of teachers. An introduction to problems of educational planning and finance.

Recommended reading H. C. Barnard, *A History of English Education from 1760;* A. Tropp, *The School Teachers;* J. Stuart McLure, *Educational Documents in England and Wales, 1816–1963; The Education of the Adolescent* (Hadow Report, 1926); *Higher Education* (Robbins Report) (Cmnd. 2154, 1963); *15 to 18* (Crowther Report, 1959); *Half Our Future* (Newsom Report, 1963); *Children and Their Primary Schools* (Plowden Report, 1967); J. W. B. Douglas, *The Home and the School;* J. A. G. Griffith, *Central Departments and Local Authorities;* J. Vaizey, *The Economics of Education;* F. H. Harbison and C. A. Myers, *Education, Manpower and Economic Growth.*

755 Quantitative Research Methods in Social Administration

Mr R. W. Lewis and Mr B. P. Davies. Sessional.

For M.Sc.: Social Administration and Social Work Studies (A); other students may attend only with the consent of the lecturers.

OTHER GRADUATE COURSES

756 Seminar in Social Administration

Professor Abel-Smith and Dr Parker. Sessional.

For graduate students.

Personnel Management

Diploma Courses

760 Principles and Practice of Personnel Management

Miss Sear and others. Lectures and classes, 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; training and education with particular reference to the implementation of the Industrial Training Act; appraisal and promotion; incentives and the principles and methods of remuneration; problems of communication and consultation.

Recommended reading A bibliography will be recommended during the course of the lectures.

761 Industrial Psychology

Mr R. Holmes. Twenty-five lectures, Sessional.

For Diploma in Personnel Management.

Syllabus Measurement in industry: the structure of human abilities, job analysis, selection and training techniques. Attitude measurement.
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;* P. E. Vernon and J. B. Parry, *Personnel Selection in the British Forces;* 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.*

761(a) Industrial Psychology (Class)

Mr R. Holmes. In connection with Course No. 761.

762 Methods of Social Research in Industry

Mr Thurley. Lectures and 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 220.

Non-Diploma Course

763 Introduction to Personnel Management

Miss Seear. Five lectures, Lent Term.

For M.Sc.: *Operational Research Methods*, XII 4(i).

Diploma for Social Workers in Mental Health

Note Lectures and seminars numbered 770, 772 and 774–784 are restricted to students registered for this course.

770 The Mental Health Services

Mrs McDougall. Ten lectures, Michaelmas Term.

Syllabus The growth of the mental health services, including the child guidance services, as a background against which the present services can be studied. A general survey of the present services, both statutory and voluntary, and of the legislation governing mental treatment and the care of the mentally subnormal.

Recommended reading G. Zilboorg and G. W. Henry, *A History of Medical Psychology;* K. Jones, *Lunacy, Law and*

Conscience; Mental Health and Social Policy, 1845–1959; A. M. and A. D. B. Clarke, *Mental Deficiency* (2nd edn., 1965); Feversham Committee, *Voluntary Mental Health Services; Report of the Royal Commission on Lunacy and Mental Disorder* (Cmd. 2700, 1926); *Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency*, 1954–1957 (Cmnd. 169); *Report of the Committee on Maladjusted Children* (Underwood Report), 1955; N. Timms, *Psychiatric Social Work in Great Britain.*

771 Social Work and Social Problems

Mr Timms. Michaelmas Term.

Syllabus This course discusses a number of social problems (e.g. mental illness, illegitimacy etc.) 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 (psychological, sociological). The part played by social work and the social sciences in defining and dealing with social problems.

Recommended reading H. Becker, *Social Problems, A New Approach;* E. Lemert, *Social Pathology;* R. Illsley and J. Gill, "Changing Trends in Illegitimacy" (*Social Science and Medicine*, Autumn 1968); R. K. Merton and R. D. Nisbet, *Contemporary Social Problems;* J. Nicholson, *Mother and Baby Homes;* F. Riessman, *Mental Health of the Poor;* E. M. Goldberg and R. Morrison, "Schizophrenia and Social Class" (*Bristol Journal of Psychiatry*, November 1963); A. Rose, *Mental Health and Mental Disorder;* D. Downes, *The Delinquent Solution.*

772 Applied Physiology

Dr Cooper. Eight lectures, Lent Term.

Syllabus The integrative action of the nervous system: motor and sensory function. The borderlines of physiology and psychology. Consciousness and its disturbances. The part played by endocrine and other somatic factors in psychological processes, including the responses to emotional stress. Some physiological principles underlying physical treatment in psychiatry.

Recommended reading W. B. Cannon, *The Wisdom of the Body;* O. L. Zangwill, *Introduction to Modern Psychology;* S. Cobb, *Emotions and Clinical Medicine.*

773 Child Development

Miss Elkan. Twelve lectures, Michaelmas and Lent Terms.

This course may be attended, after consultation with tutors, by one-year and second-year students reading for the Diploma in Social Administration.

Syllabus Interrelation of the biological, emotional, social and intellectual aspects of normal development. The role of environment. Methods of studying the psychology of children. Descriptive pictures of typical growth processes and modes of behaviour in infancy, early childhood, latency and adolescence. Discussion of common difficulties. Dependency and maternal care in infancy and early childhood. Physical and emotional growth and its relation to bodily skills, play, intellectual processes, language development and social relationships. Learning and group life in the middle years of childhood. Interaction of home and school. Characteristics of adolescence. The move towards independence via maturity of thought and reasoning, the emergence of stable interests and group loyalties. Emotional intensity and friendships in adolescence. The concept of emotional balance and independence.

Recommended reading R. W. B. Ellis (Ed.), *Child Health and Development;* B. Spock, *The Pocket Book of Baby and Child Care;* G. Caplan, *Emotional Problems of Early Childhood;* S. Fraiberg, *The Magic Years;* J. and E. Newson, *Infant Care in an Urban Community;* D. Burlingham and A. Freud, *Infants without Families;* A. L. Gesell *et al.*, *The First Five Years of Life; The Child from Five to Ten; Youth: the Years from Ten to Sixteen;* S. S. Isaacs, *Social and Emotional Development in Young*

Children; Intellectual Growth in Young Children; D. W. Winnicott, *The Child and the Family; The Child and the Outside World; The Family and Individual Development;* I. M. Josselyn, *Psychosocial Development of Children; The Adolescent and his World;* J. Piaget, *The Origins of Intelligence in Children;* P. Blos, *On Adolescence;* R. J. Havighurst and H. Taba, *Adolescent Character and Personality;* A. Solnit and S. Provence, *Modern Perspectives in Child Development;* A. Freud, *Normality and Pathology in Childhood.*
Published annually: *The Psychoanalytic Study of the Child; Journal of Child Psychotherapy.*

774 Clinical Aspects of Child Development

Dr Winnicott. Eight lectures, Summer Term.

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 psycho-neurosis, antisocial tendency and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

775 Psychiatry

Dr Cawley. Twelve lectures, Michaelmas and Lent Terms. Demonstrations will be held weekly at the Maudsley Hospital.

Syllabus The concept of mental illness and its significance in medical and psychiatric practice. The interplay of somatic, psychological, and social interactional variables in the genesis of symptoms, interpersonal difficulties, and deviant behaviour. The work of the psychiatric team. The phenomena and classification of mental illness, and the contrasting features of different syndromes. Consideration of each of the main groups of syndromes, with special regard to (a) theories concerning biological, developmental and psychosocial aspects of causation; and (b) a multidimensional approach in management and treatment. The scope and limitations of somatic (physical) methods of treatment. Types of psychotherapy and indications and contra-indications for their use. Social treatment and family therapy; management in the hospital and in the community. Mental Health Diploma students also attend regular clinical demonstrations.

776 Social and Psychological Aspects of Mental Subnormality

Mr Mittler. Four lectures, Lent Term.

Syllabus The aetiology and classification of the various forms of mental subnormality. Social aspects of mental subnormality and the various methods of treatment and care of subnormal people in our society.

Recommended reading TEXTBOOKS: M. and A. D. B. Clarke, *Mental Deficiency: the Changing Outlook* (2nd edn.); T. Hilliard and B. Kirman, *Mental Deficiency* (2nd edn.). SOCIAL PROBLEMS AND SOCIAL SERVICES: J. Tizard, *Community Services for the Mentally Handicapped;* J. Tizard and J. Grad, *The Mentally Handicapped and their Families: a Social Survey; The Needs of Mentally Handicapped Children* (*Report* of a Paediatric Society Working Party, 1962); H. Freeman and J. Farndale (Eds.), *Trends in the Mental Health Services;* P. Mittler, *The Mental Health Services* (Fabian Research Series 252); H. C. Gunzburg, *The Social Rehabilitation of the Subnormal.* EDUCATION: A. E. Tansley and R. Gulliford, *The Education of the Slow-Learning Child;* S. A. Kirk, *The Early Education of the Mentally Retarded;* M. Neale and W. J. Campbell, *The Education of the Intellectually Limited Child and Adolescent.* ADMINISTRATION: *A Hospital Plan for England and Wales* (Cmnd. 1602, 1962); *Health and Welfare: The Development of Community Care* (Cmnd. 1973, 1963) (Revision to 1974).

777 Marital Relationships

Mr Woodhouse. Three lectures, Summer Term.

Syllabus The nature of marital choice. Conscious and unconscious drives towards maturation and towards solving emotional problems from the past. Gratification and frustration; role-playing and adaptation; points of stress; interaction, collusion and projection. Pressures of social environment.

Recommended reading E. J. Bott, *Family and Social Network;* H. V. Dicks "Experiences with Marital Tension Seen in the Psychological Clinic" (*British Journal of Medical Psychology*, Vol. XXVI); N. W. Ackerman, F. L. Beatman and S. N. Sherman (Eds.), *Exploring the Base for Family Therapy;* S. Freud, *Introductory Lectures on Psycho-Analysis;* M. Klein and J. Riviere, *Love, Hate and Reparation;* M. Klein, *Envy and Gratitude: A Study of Unconscious Sources;* M. Young and P. Willmott, *Family and Kinship in East London;* Family Discussion Bureau, *Social Casework in Marital Problems; Marriage: Studies in Emotional Conflict and Growth; The Marital Relationship as a Focus for Casework;* E. Balint and D. L. Woodhouse, "How Will This Marriage Work?", Parts I and II (*Social Work*, October 1962); K. Bannister and L. Pincus, *Shared Phantasy in Marital Problems: Therapy in a Four-person Relationship* (for Family Discussion Bureau); H. V. Dicks, "World Wide Problems: Marriage Relationships in Different Cultures" (*Social Work*, October 1962); H. V. Dicks, "Sexual Problems in Marriage" (*Proceedings*, Royal Soc. Med., 1959); H. V. Dicks, "Object Relations Theory and Marital Status" (*Brit. J. Med. Psychol.*, 1963); B. Ellis, "Unconscious Collusion in Marital Interaction" (*Social Casework*, 1964); E. H. Erikson, *Childhood and Society* (2nd edn., 1963); M. E. Huneeus, "A Dynamic Approach to Marital Problems" (*Social Casework*, 1963); J. D. Sutherland, "Psychotherapy and Social Casework" in E. M. Goldberg *et al.* (Eds.), *The Boundaries of Casework* (Association of Psychiatric Social Workers, 1956); D. L. Woodhouse, "Psychiatric Influence in Community Services" (No. II in Association of Psychiatric Social Workers, *Ventures in Professional Co-operation*).

778 Psychology of Personality

Mrs Wilkinson. Eight lectures, Lent and Summer Terms.

Syllabus Assuming some basic knowledge of general and social psychology, this course examines intelligence, its nature and measurement. Concepts of personality and its measurement in a clinical situation. Personality disorders and neurosis from the behaviourist's standpoint; behaviour therapy.

Recommended reading A bibliography will be given at the beginning of the course.

779 Principles and Practice of Social Work

Miss Butrym, Miss Edmonds, Miss Elkan, Mr Gregory, Miss Parsloe and Mrs Thomas. Weekly seminars, Sessional, jointly with the Applied Social Studies Course.

Syllabus The aim of the seminars is to provide the necessary background theory through a study of casework concepts and methods. They are closely related to the various lecture courses and form a bridge between these and field work.

780 Social Work in Psychiatric Settings (Seminar)

Mrs McDougall, Miss Parsloe and Mr Gregory. Michaelmas Term.

Syllabus Special aspects of social work in psychiatric settings: child guidance, psychiatric and general hospitals, local authorities. The hospital as a social institution and the professional disciplines involved. The legal framework and compulsion, present trends and practice.

781 Social Administration and Social Policy
For details see Course No. 805.

782 Introduction to Social Casework
Miss Butrym. Five lectures, Michaelmas Term.

783 Introduction to Community Work
Mr Hodge. Two lectures, Michaelmas Term.

784 Introduction to Social Group Work
Miss Parsloe. Two lectures, Michaelmas Term.

Field Work Supervisors to the Mental Health Course

Miss I. Bergman Miss M. Eden	Maudsley Hospital, Denmark Hill, S.E.5. (Adults)
Mrs L. Harvey Mrs F. Sussenwein	Maudsley Hospital, Denmark Hill, S.E.5. (Children)
Miss I. Tamblyn Miss M. Weiss, B.A.	Child Guidance Training Centre, 33, Daleham Gardens, N.W.3.
Mrs M. Abramsky	Royal Free Hospital, Grays Inn Road, W.C.1.
Mrs F. Mendoza	Department of Psychological Medicine, University College Hospital, 23, Devonshire Street, W.1.
Miss J. Ford	Child Guidance Clinic, Monoux Building, High Street, E.17.
Miss J. Barton Miss D. Perry	Belgrave Hospital for Children, 1, Clapham Road, S.W.9.
Mrs B. Litauer	Wimbledon Child Guidance Clinic, All Saints Road, S.W.19.
Miss M. M. Bailey	Academic Department of Psychiatry, Middlesex Hospital Medical School, W.1.

Diploma in Applied Social Studies

Note Lectures and seminars numbered 801 to 809 are restricted to students registered for this course.

801 Principles and Practice of Social Work
Miss Butrym, Miss Edmonds, Miss Elkan, Mr Gregory, Miss Parsloe and Mrs Thomas. Weekly seminars will be held throughout the session jointly with the Course for Social Workers in Mental Health. For details see Course No. 779.

802 Human Growth and Development
Dr Stewart Prince. Twenty-eight lectures, Sessional.

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. Psychoanalytic 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.

803 A Clinical Approach to Family Problems
Dr Winnicott. Eight lectures, Summer Term.

Syllabus Clinical case material is used to study the dynamics of family life and the integrative and disruptive factors in the relationships between parents and children. Specific problems in development and relationships between emotional factors and physical disease. A classification of psychiatric disorders in children.

804 Problems of Health and Disease
(i) Dr Horder. Ten lectures, Michaelmas 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.

(ii) Various medical lecturers. Summer Term.
Primarily intended for medical social work students.

Syllabus This course is given by specialists in various fields of medicine and is based on a more detailed approach to the subjects chosen.

805 Social Administration and Social Policy
Professor Parker. Michaelmas and Lent Terms.

Syllabus Some of the key administrative problems and processes associated with social welfare organizations will be examined. 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, *Organizations;* E. Powell, *Medicine and Politics;* G. Vickers, *The Art of Judgment;* 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. Wilsensky and C. N. Lebeaux, *Industrial Society and Social Welfare;* L. T. Wilkins, *Social Deviance.*

806 The Law and Court Procedure
Mrs Aikin. Eight lectures, Michaelmas Term.

Syllabus The general principles of law and of court practice, with particular reference to family law, and to the constitution, jurisdiction and powers of magistrates' courts, including juvenile courts.

Recommended reading G. L. Williams, *Learning the Law* (6th edn.) and the *Report of the* (*Ingleby*) *Committee on Children and Young Persons* (Cmnd. 1191, October, 1960) should be read before attending the course.
FURTHER READING: A. C. L. Morrison, *Notes on Juvenile Court Law;* R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children and Young Persons* (6th edn.).

807 Social Work within Medical Care (Seminar)
Miss Butrym. Summer Term.

Syllabus The medical social worker's function as a social worker in a medical setting in the light of history and with special emphasis on present trends and practice. The characteristics of the hospital as a social institution in which many professional disciplines are making their specific contributions to a common purpose, and the principles inherent in effective "teamwork". Variations in response to illness and the impact of the hospital atmosphere on both patients and staff. The medical social worker's contribution to community care in the light of existing needs and current legislative and administrative developments.

808 Social Work in the Child Care Service (Seminar)
Mrs Thomas. Summer Term.

Syllabus Recent developments and present trends in the child care service including a study of the problems of meeting individual and family needs within the administrative framework of the service as it is today. The various family problems behind applications for reception into care, and the different objectives in working with different families. Methods of care available today and their relative values in relation to the problems presented.

809 Social Work in the Probation and After-Care Service (Seminar)
Miss Parsloe. Summer Term.

Syllabus The meaning for social work of a setting within the authority structure of the Courts and penal system. The implications for social work help of theories about the nature and cause of delinquency. Social work within penal institutions and the special problems of after-care.

Recommended reading J. F. S. King (Ed.), *The Probation Service;* W. A. Elkin, *The English Penal System;* H. Jones, *Crime and the Penal System;* United Nations, *Probation and Related Measures.*

GOVERNMENT PUBLICATIONS: Home Office, *Prisons and Borstals* (*England and Wales*), 1957; *After-Care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmnd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmnd. 1650).
FOR REFERENCE: W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

Students are also expected to attend the following courses:

No. 771 **Social Work and Social Problems.**

No. 775 **Psychiatry**

No. 777 **Marital Relationships**

No. 782 **Introduction to Social Casework**

No. 783 **Introduction to Community Work**

No. 784 **Introduction to Social Group Work**

GRADUATE COURSES

811 Social Work Education
Mrs McDougall, Miss Butrym and others. Weekly seminars, Sessional.

812 Research in Social Welfare
Mr Timms, Professor Plowman and others. Weekly seminars, Lent and Summer Terms.

813 Methods of Social Work
Mrs McDougall, Mr Gregory, Miss Bell and others. Weekly seminars, Sessional.

814 Social Administration
Miss Bell, Professor Donnison and Professor Parker. Eight seminars, Lent and Summer Terms.

815 Group Dynamics
Miss Parsloe. Dates to be arranged.

816 Social Work and Social Problems
Lecturer to be announced. Lent Term.

817 Social Work, Principles and Practice
Lecturer to be announced. Summer Term.

Supervisors to the Course in Applied Social Studies

Mrs M. Martyr	Senior Probation Officer, Hertfordshire Probation Service.
Mrs Y. Auger	Deputy Children's Officer, Children's Department, London Borough of Lewisham.
Miss G. A. Jones Miss Marsden	Senior Child Care Officers, Children's Department, London Borough of Tower Hamlets.
Miss A. M. Goldie	Senior Child Care Officer, Children's Department, London Borough of Wandsworth.
Miss U. Behr	Principal Child Care Officer, Children's Department, Essex.
Miss L. Weiss	Medical Social Worker, Middlesex Hospital.
Miss S. Chater Jack	Unit Supervisor, Department of Medical Social Work, Hammersmith Hospital.
Miss S. Shepherd	Medical Social Worker, St. George's Hospital.
Mrs P. Thomas Miss L. Morris	Family Caseworkers, Family Welfare Association, London.
Miss A. B. Lloyd Davies	Psychiatric Social Worker, Invalid Children's Aid Association.
Miss Kernick	Psychiatric Social Worker, Royal Bethlehem Hospital.

Sociology

830 Elements of Social Structure

Mrs Scharf. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 6, *Elements of Social Structure I;* B.Sc. (Econ.) Part II: *Elements of Social Structure II*, I 3h; III 3g; VI 8g (second year); B.A./B.Sc. (Soc.) Branch I, 1 (first year); B.Sc. (Geog.) C 301; B.Sc. (Soc.) Branch III, 6 (second year); B.Sc. (Soc. Psych.) (first year); B.Sc. (Soc. Anth.) Part II 3c; Dip. Personnel Management; Dip. Soc. Admin., incl. Overseas Option (one-year and first year); Dip. Development Admin.; Students are recommended also to attend Course No. 832.

Syllabus Sociological contributions to the study of society: selected problems and their social context. Traditional society and underdevelopment. Industrialization and social change. The family, social stratification, education and mobility. Bureaucracies and political institutions. Religious institutions. Individual deviance as contrasted with social conflict. Persistent problems of "affluent societies".

Recommended reading TEXTBOOKS AND READERS: S. Cotgrove, *The Science of Society* (paperback); H. M. Johnson, *Sociology;* P. I. Rose (Ed.), *The Study of Society* (paperback); D. H. Wrong and H. L. Gracey (Eds.), *Readings in Introductory Sociology;* P. K. Hatt and A. J. Reiss, *Cities and Society* (2nd edn.), R. K. Merton and R. A. Nisbet, *Contemporary Social Problems* (2nd edn.). OTHER BOOKS (most of these are available as paperbacks): M. Banton, *Race Relations;* R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; P. M. Blau, *Bureaucracy in Modern Society;* T. B. Bottomore, *Elites and Society;* E. Chinoy, *Sociological Perspective;* A. Etzioni, *Modern Organisations;* S. E. Finer, *The Man on Horseback;* R. Fletcher, *The Family and Marriage in Britain;* R. Frankenberg, *Communities in Britain;* J. K. Galbraith, *The Affluent Society;* E. A. Gellner, *Thought and Change;* A. Gerschenkron, *Economic Backwardness in Historical Perspective;* R. T. Gill, *Economic Development, Past and Present;* W. J. Goode, *The Family;* A. H. Halsey, J. Floud and C. A. Anderson (Eds.), *Education, Economy and Society;* E. Hobsbawm, *Industry and Empire;* K. B. Mayer, *Class and Society;* W. E. Moore, *The Impact of Industry;* W. E. Moore, *Social Change;* T. O'Dea, *The Sociology of Religion;* J. Pen, *Harmony and Conflict in Modern Society;* R. Titmuss, *Essays on the Welfare State;* M. J. Tumin, *Social Stratification;* D. H. Wrong, *Population and Society;* J. M. Yinger, *Sociology Looks at Religion.*

830(a) Elements of Social Structure I (Classes)

Sessional, beginning in the fourth week of the Michaelmas Term.

For B.Sc. (Econ.) Part I; B.A./B.Sc. (Soc.) Branch I (first year); B.Sc. (Geog.), C 301.

831 Elements of Social Structure II (Classes)

(a) Five classes, Summer Term.

For B.Sc. (Econ.) Part II: *Elements of Social Structure II*, I 3h; III 3g; VI 8g (second year).

(b) Weekly classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Elementary Social Structure II*, I 3h; III 3g; VI 8g (third year); B.Sc. (Soc. Anth.) 3c (second year).

832 Introduction to Sociological Theory

Mr Hopper. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 1; Branch III 6 (first year); B.Sc. (Soc. Anth.) Part II, 3c (second year); B.Sc. (Soc. Psych.) (first year); Dip. Personnel Management. Optional for Dip. Soc. Admin. (second year). Recommended for students attending Course No. 830.

Syllabus Science and the scientific enterprise. The role of theory in scientific explanations. The special characteristics of social science. Sociology as one of the

social sciences: its development and its relationship to other social sciences. The social nature of man: sociological explanation, psychological explanation, and the problem of reductionism. Some basic concepts in Sociology. Detailed examination of selected problems in light of the foregoing: social stratification and anomie.

Recommended reading will be given during the course.

833 Social Theory

Dr Cohen. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc.) Branch III, 6 (third year); M.Sc.: *Political Sociology*, XV 4.

Syllabus Nature of social explanation. Distinction between scientific and normative goals of social theory. Holistic and action approaches. Theories of social change. Relevance of psychology for explaining social phenomena. Nature of social facts. Problem of objectivity. Sociology, ideology, moral philosophy and social policy.

Recommended reading M. Black (Ed.), *The Social Theories of Talcott Parsons;* P. S. Cohen, *Modern Social Theory;* E. A. Gellner, *Thought and Change;* M. Ginsberg, *Essays in Sociology and Social Philosophy;* D. G. MacRae, *Ideology and Society;* R. K. Merton, *Social Theory and Social Structure;* R. A. Nisbet, *The Sociological Tradition; Emile Durkheim;* K. R. Popper, *The Open Society and its Enemies; Poverty of Historicism;* J. Rex, *Key Problems of Sociological Theory;* W. G. Runciman, *Social Science and Political Theory;* W. J. H. Sprott, *Science and Social Action.*

Note on Social Philosophy Courses

Courses Nos. 834–837 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;* R. S. Rudner, *Philosophy of Social Science;* 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;* A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy.*

(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;* R. G. Colodny (Ed.), *Beyond the Edge of Certainty;* W. H. Dray (Ed.), *Philo-*

sophical Analysis and History; H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science;* P. R. Foot (Ed.), *Theories of Ethics;* P. L. Gardiner (Ed.), *Theories of History;* D. F. Gustafson (Ed.), *Essays in Philosophical Psychology;* 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*); A. I. Melden (Ed.), *Ethical Theories: A Book of Readings;* H. Meyerhoff (Ed.), *The Philosophy of History in our Time;* M. Natanson (Ed.), *Philosophy of the Social Sciences;* P. H. Nidditch (Ed.), *The Philosophy of Science;* F. A. Olafson (Ed.), *Society, Law and Morality: Readings in Social Philosophy;* W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory;* P. F. Strawson (Ed.), *Studies in the Philosophy of Thought and Action;* A. R. White (Ed.), *The Philosophy of Action.*

(iv) Recent Commentaries and Surveys: P. Corbett, *Ideologies;* M. W. Cranston, *Freedom: A New Analysis;* A. P. d'Entrèves, *Natural Law;* E. Fromm, *Sigmund Freud's Mission;* W. H. Greenleaf, *Oakeshott's Philosophical Politics;* D. Lyons, *Forms and Limits of Utilitarianism;* W. J. M. Mackenzie, *Politics and Social Science;* J. P. Plamenatz, *Man and Society;* J. P. Plamenatz, *The English Utilitarians;* W. G. Runciman, *Social Science and Political Theory;* H. M. Warnock, *Ethics since 1900.*

(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;* E. Durkheim, *Sociology and Philosophy;* S. Freud, *Civilisation and Its Discontents;* T. Hobbes, *Leviathan* (Ed. M. J. Oakeshott); E. J. E. Hobsbawm (Ed.), *Karl Marx: Pre-Capitalist Economic Formations;* 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); I. Kant, *The Doctrine of Virtue* (Trans. M. J. Gregor); W. A. Kaufmann (Ed.), *Hegel: Reinterpretation, Texts and Commentary;* K. Marx and F. Engels, *The German Ideology;* J. S. Mill, *Utilitarianism, Liberty* and *Representative Government;* G. E. Moore, *Principia Ethica;* Plato, *The Republic;* M. Weber, *The Methodology of the Social Sciences;* E. A. Westermarck, *Ethical Relativity.*

(vi) Recent Works: L. Althusser, *Essays in Marxist Philosophy;* D. E. Apter, *The Politics of Modernisation;* J. L. Aranguren, *Human Communication;* R. Aron, *The Opium of the Intellectuals;* A. J. Ayer, *Language, Truth and Logic;* B. M. Barry, *Political Argument;* J. F. Bennett, *Rationality;* P. L. Berger, *Invitation to Sociology: A Humanistic Perspective;* P. L. Berger and T. Luckmann, *The Social Construction of Reality;* I. Berlin, *Four Essays on Liberty;* R. B. Brandt, *Hopi Ethics;* J. W. Burrow, *Evolution and Society;* 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.); C. A. R. Crosland, *The Future of Socialism;* R. A. Dahl, *Preface to Democratic Theory;* 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;* W. B. Gallie, *Philosophy and the Historical Understanding;* P. L. Gardiner, *The Nature of Historical Explanation;* M. Ginsberg, *Essays in Sociology and Social Philosophy* (3 vols.); M. Ginsberg, *On Justice in Society;* L. Goldmann, *The Hidden God;* M. J. Gregor, *Laws of Freedom;* R. M. Hare, *The Language of Morals;* R. M. Hare, *Freedom and Reason;* 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;* H. Kohn, *Nationalism: Its Meaning and Origins;* T. S. Kuhn, *The Structure of Scientific Revolutions*; J. Ladd, *The Structure of a Moral Code;* G. Lichtheim, *Marxism;* A. R. Louch, *Explanation and Human Action;* A. Macbeath, *Experiments in Living;* A. C. MacIntyre, *The Unconscious: A Conceptual Analysis;* C. B. Macpherson, *The Political Theory of Possessive Individualism;* K. Mannheim, *Ideology and Utopia;* H. Marcuse, *One-Dimensional Man*; H. Marcuse, *Reason and Revolution;* K. R. Minogue, *The Liberal Mind;* R. E. Money-Kyrle, *Man's Picture of the World;* R. E. Money-Kyrle, *Psychoanalysis and Politics;* E. Nagel, *The Structure of Science;* M. J. Oakeshott, *Rationalism in Politics and Other Essays;* T. Parsons, *The Structure of Social Action;* 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;* M. Richter, *The Politics of Conscience: T. H. Green and His Age;* G. Sartori, *Democratic Theory;* J.-P. Sartre, *The Problem of Method* (Trans. H. E. Barnes); W. J. H. Sprott, *Science and Social Action;* C. L. Stevenson, *Facts and Values: Studies in Ethical Analysis;* S. Strasser, *Phenomenology and the Human Sciences;* J. L. Talmon, *The Origins of Totalitarian Democracy;* J. L. Talmon, *Political Messianism: The Romantic Phase;* 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.*

834 Introduction to Social Philosophy

Mr Newfield. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (second year); B.A./B.Sc. (Soc.) Branch I, 4 (first year).

Syllabus The first part of this course is concerned with making explicit and systematically examining certain assumptions implicit in widely-held belief systems like Marxism, utilitarianism, Platonism, moral relativism, empiricism, positivism and religion. The second part treats in more detail some main ethical theories and their background in the general philosophy of their authors, considerable attention being given to the connections between these theories and sociology.

Recommended reading See Note on page 485. Further references for reading will be given during the course.

835 Structure of Ethical Theories

Professor Gellner. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (third year); *Moral and Political Philosophy*, XVI 4a (second year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (second year); B.A. Phil. and Econ. (third year).

Syllabus Selected recent or contemporary social philosophies will be discussed.

Recommended reading See Note on page 485. Further references for reading will be given during the course.

836 Concepts of Society

Professor Gellner. Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Theories and Methods of Sociology*, IX 4; *Philosophy of Social Knowledge*, XVI 8a (third year); B.A./B.Sc. (Soc.) Branches I and II, 1 (third year; optional for second year); M.Sc.: *Theories and Concepts of Political Sociology*, XIX 3(xi); *Political Stability and Change*, XIX 3(xii); *The Study of Political Behaviour*, XIX 3(xiii); *Political Sociology*, XV 4.

Syllabus Theories concerning the specific character of social knowledge and their methodological implications; discussion of the use of philosophical theories of knowledge for purposes of legitimation.

Recommended reading See Note on page 485. Further references for reading will be given during the course.

837 Social Philosophy (Classes)

(a) Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (second year); B.A./B.Sc. (Soc.) Branch I, 4 (first year).

(b) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (third year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (second year).

838 Philosophical Sociology

Dr Swingewood. Eight lectures, Lent Term.

For interested students, especially B.A./B.Sc. (Soc.) (second and third years), B.Sc. (Econ.) Part II: special subject Sociology, and M.Sc.: Sociology.

Syllabus The course will examine the relationship between philosophy and sociology. The treatment will be both historical and critical. It will consist of selected aspects of the following: the origins of social theory: the Scottish and the French Enlightenments; Hegel, Comte, and political economy; Marxism and sociology; ideology and sociology; the development of English sociology; contemporary sociological treatment of working-class consciousness, class conflict and sexuality.

Recommended reading A. Ferguson, *Essay on the History of Civil Society;* G. W. F. Hegel, *Phenomenology of the Mind;* A. Comte, *Essays;* E. Durkheim, *Philosophy and Sociology;* Marx and Engels, *The German Ideology* and other texts; G. Lukács, *History and Class Consciousness; The Theory of the Novel;* L. Goldmann, *The Hidden God; The Human Sciences and Philosophy;* H. Marcuse, *Reason and Revolution; One-Dimensional Man; Eros and Civilisation, Negations;* W. Reich, *The Sexual Revolution;* T. Parsons, *Sociological Theory and Modern Society; Essays in Sociological Theory;* R. Dahrendorf, *Class and Class Conflict in Industrial Society; Essays in the Theory of Society;* J. E. Goldthorpe and D. Lockwood, *The Affluent Worker.*

839 The Theories and Methods of Sociology

Dr Clifford-Vaughan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Theory and Methods of Sociology*, IX 4; *Philosophy of Social Knowledge*, XVI 8a (second year); B.A./B.Sc. (Soc.) Branch I, 1 and Branch II, 1 (second year); Dip. Soc. Anth. (second year). Recommended for M.Sc.: *Political Sociology*, XV 4; *Sociological Theory*, XIX 1 (preliminary year).

Syllabus Nature and roles of sociological theory. Fundamental problems of sociological theory. Main types of theory of social structure, change and development.

Recommended reading E. Durkheim, *The Rules of Sociological Method; The Division of Labour in Society; Suicide; Elementary Forms of the Religious Life;* C. C. A. Bouglé, *Bilan de la Sociologie Française Contemporaine;* T. B. Bottomore and M. Rubel (Eds.), *Karl Marx: Selected Writings in Sociology and Social Philosophy;* S. Ossowski, *Class Structure in the Social Consciousness;* K. Marx, *The 18th Brumaire of Louis Bonaparte;* I. Plamenatz, *German Marxism and Russian Communism;* R. Tucker, *Philosophy and Myth in Karl Marx;* K. Wolff (Ed.), *The Sociology of Georg Simmel;* G. Simmel, *Conflict* and *The Web Group of Affiliations;* F. Toennies, *Community and Association;* H. H. Gerth and C. Wright Mills (Eds.), *From Max Weber;* M. Weber, *The Theory of Social and Economic Organization;* R. Aron, *German Sociology; Main Currents in Sociological Thought;* T. Parsons, *The Structure of Social Action;* R. Bendix, *Max Weber: An Intellectual Portrait;* R. K. Merton, *Social Theory and Social Structure;* J. A. Rex, *Key Problems of Sociology;* R. Bottomore, *Sociology: An Introduction to its Problems and Literature;* T. Abel, *Systematic Sociology in Germany;* J. S. Mill, *A System of Logic* (Book VI, *On the Logic of the Moral Sciences*); K. R. Popper, *The Poverty of Historicism;* M. Weber, *The Methodology of the Social Sciences;* P. Winch, *The Idea of a Social Science and its Relation to Philosophy;* R. Fletcher, *Auguste Comte and the Making of Sociology;* V. Pareto, *Mind and Society* (Book IV); S. Finer, *Pareto: Sociological Writings;* J. H. Meisel, *Pareto and Mosca;* E. Halévy, *The Growth of Philosophic Rationalism;* G. Cairns, *Philosophies of History;* L. Hobhouse, *Morals in Evolution;* P. Laslett and W. Runciman, *Philosophy, Politics and Society.*

839(a) Theories and Methods of Sociology (Class)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *Theory and Methods of Sociology*, IX 4.

840 General Sociology (Classes)

Fortnightly, Sessional.

For B.A./B.Sc. (Soc.) Branches I and II (second and third years).

841 Environment and Heredity

Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Theory and Methods of Sociology*, IX 4 (second year); B.A./B.Sc. (Soc.) Branch I, 1 (first year).

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 and to "problem families".

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.*
Other references will be given during the course.

842 Comparative Social Institutions

Dr Cohen. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 3 and Branch II, 2 (third year); M.Sc.: Sociology (preliminary year).

Syllabus A comparative analysis of the relationship between power, property and ranking in simple and complex non-industrial societies. The bearing of such comparisons on certain theoretical problems concerning the relationship between coercion, commitment and inducement in social systems. A discussion with comparative examples of the thesis concerning the process of increasing economic rationality. A comparative analysis of the nature and function of family and kinship structures in simple and complex societies. The relevance of the study of non-industrial societies for the understanding of processes of modernization. Methodological issues concerning the nature and types of comparative method in Sociology.

Recommended reading K. A. Wittfogel, *Oriental Despotism;* S. M. Eisenstadt, *The Political Systems of Empires;* M. Bloch, *Feudal Society;* M. N. Srinivas, *Caste in Modern India, and Other Essays;* A. de Reuck (Ed.), *Caste and Race: Comparative Approaches;* M. Weber, *The Theory of Social and Economic Organisation;* G. Dalton (Ed.), *Tribal and Peasant Economies;* R. Fox, *Kinship and Marriage.*

842(a) Comparative Social Institutions (Classes)

Ten classes, Lent Term.

For B.A./B.Sc. (Soc.) Branches I and II (third year).

843 The Social Structure of Modern Britain

Mr Westergaard and Mr Hilbourne. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; X 1 and 2e; XV 5 and 6e; B.A./B.Sc. (Soc.) Branch I, 7 and 8a; B.Sc. (Soc.) Branch III, 6 (second year); Dip. Soc. Admin. (second year and one-year).

Syllabus 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.
Concepts of stratification and contemporary issues; 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.
Communication and mass media.

Recommended reading G. M. Young, *Victorian England;* E. J. Hobsbawm, *Industry and Empire;* R. K. Kelsall, *Population;* J. A. Banks, *Prosperity and Parenthood;* 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. Glass, "Urban Sociology in Great Britain" (*Current Sociology*. Vol, IV, No. 4); Centre for Urban Studies (Ed.), *London: Aspects of Change;* J. B. Cullingworth, *Housing Needs and Planning Policy;* M. Stacey, *Tradition and Change;* J. Saville, *Rural Depopulation in England and Wales;* J. Littlejohn, *Westrigg;* C. A. R. Crosland, *The Future of Socialism;* 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;* P. Sargant Florence, *The Logic of British and American Industry; Ownership, Control and Success of Large Companies;* Royal Commission on Trade Unions, *Report and Written Evidence of the Ministry of Labour* and *Research Papers* Nos. 1 and 3; V. L. Allen, *Power in Trade Unions;* K. Knowles, *Strikes;* R. V. Clements, *Managers;* I. C. McGivering and others, *Management in Britain;* D. V. Glass, *Social Mobility in Britain;* S. M. Miller, "Comparative Social Mobility" (*Current Sociology*, Vol. IX, No. 1); A. M. Carr-Saunders and P. A. Wilson, *The Professions;* 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;* J. W. B. Douglas *et al.*, *All our Future;* Committee on Higher Education, *Report* (Cmnd. 2154); W. Guttsman, *The British Political Elite;* R. T. McKenzie, *British Political Parties;* R. T. McKenzie and A. Silver, *Angels in Marble;* M. Harrison, *Trade Unions and the Labour Party;* R. Miliband, *Parliamentary Socialism;* S. Beer, *Modern British Politics;* J. Blondel, *Voters, Parties and Leaders; Report of the Royal Commission on the Press* (Cmnd. 7700); F. Williams, *Dangerous Estate: the Anatomy of Newspapers;* R. Hoggart, *The Uses of Literacy;* 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;* M. Freedman, *A Minority in Britain.*
Additional reading lists will be given for class work.

843(a) The Social Structure of Modern Britain (Classes)

For B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; X 1 and 2e (third year); B.A./B.Sc. (Soc.) Branch I, 7 and 8a (second and third years).

844 The Social Structure of Modern Britain: Selected Topics

Professor Glass, Professor McKenzie, Dr D. A. Martin and Mr Westergaard. Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8a (third year). Optional for B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; X 1 and 2e; XV 5 and 6e (third year).
A **syllabus** will be given at the beginning of the course.

845 Graeco-Roman Society

Twenty lectures, Michaelmas and Lent Terms. This course may not be given in the session 1969-70.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (second year).

Syllabus An outline of the major social and political institutions in the Graeco-Roman world; particular emphasis will be given to problems of political stability and change, bureaucracy, agriculture and colonial expansion.

Recommended reading M. I. Rostovtzeff, *Greece; Rome;* G. Glotz, *The Greek City; Ancient Greece at Work;* M. I. Finley, *The World of Odysseus; The Ancient Greeks;* J. Carcopino, *Daily Life in Ancient Rome;* N. Lewis and M. Reinhold, *Roman Civilisation* (2 vols. translated sources); S. Dill, *Roman Society from Nero to Marcus Aurelius; Roman Society in the Last Century of the Western Empire;* L. Homo, *Roman Political Institutions from City to State.*
Further reading will be given during the course.

845(a) Graeco-Roman Society (Class)

Twenty classes, Michaelmas and Lent Terms. This course may not be given in the session 1969-70.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (second year). First-year students may also attend the first five classes in the Lent Term.

845(b) Graeco-Roman Society (Class)

Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (third year).

846 Social Structure and Social Change

Professor MacRae. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a, Branch II, 10d (second year); M.Sc.: *Social Structure and Social Change*, III 3 (ii); XIX 3 (vi) (final year); graduate students in Social Anthropology. Optional for B.Sc. (Soc.) Branch III 7b (third year).

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;* P. Laslett, *The World We Have Lost;* G. and M. Wilson, *The Analysis of Social Change;* J. Steward, *Social Evolution;* R. Redfield, *The Primitive World and its Transformations;* S. M. Lipset, *Political Man;* C. C. Brinton, *The Anatomy of Revolution;* E. and A. Etzioni, *Social Change;* B. 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;* C. Belshaw, *Traditional Exchange and Modern Markets;* 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.*

846(a) Social Structure and Social Change (Classes)

Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a; Branch II, 10d (third year).

847 Sociology of Religion

Professor Gellner, Dr D. A. Martin and Mrs Scharf. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Comparative Morals and Religion* IX 8d (second year); B.A./B.Sc. (Soc.), Branch I, 9 and 10c, and Branch II, 5 (second year); M.Sc.: *Sociology of Religion*, XIX 3 (iv); Dip. Soc. Anth. (first year).

Syllabus Dr D. A. Martin 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 D. A. Martin. Sociology of Islam, Judaism and early Christianity. Religion in developing societies. Religion in advanced industrial societies.

Recommended reading will be given during the course.

847(a) Sociology of Religion (Class)

Dr D. A. Martin and Mrs Scharf. Michaelmas and Lent Terms. In connection with Course No. 847.

848 Political Sociology

Professor McKenzie and Mr Stewart. Thirty lectures.

(i) Second Year. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e; B.A./B.Sc. (Soc.) Branch I, 9 and 10f; M.Sc.: *Theories and Concepts of Political Sociology*, XIX (xi); *Political Stability and Change*, XIX (xii); *The Study of Political Behaviour*, XIX (xiii) (preliminary year); *Political Sociology*, XV 4.

(ii) Second Year. Michaelmas Term.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e; B.A./B.Sc. (Soc.) Branch I, 9 and 10f; M.Sc.: *Political Sociology*, XV 4; *Theories and Concepts of Political Sociology*, XIX (xi); *Political Stability and Change*, XIX (xii); *The Study of Political Behaviour*, XIX (xiii) (final year) and other graduate students.

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, Durkheim, 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 H. Eulau and others, *Political Behaviour;* S. Lipset, *Political Man;* H. Hyman, *Political Socialization;* R. Bendix and S. Lipset, *Class, Status and Power* (2nd edn., pp. 201–266); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); S. Neumann (Ed.), *Modern Political Parties;* S. Eldersveld, *Political Parties;* 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;* 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;* N. Machiavelli, *Dialogues;* 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;* H. D. Lasswell and others, *The Comparative Study of Elites;* D. R. Matthews, *The Social Background of Political Decision-Makers;* C. W. Mills, *The Power Elite;* W. L. Guttsman, *The British Political Elite;* T. B. Bottomore, *Elites and Society;* R. Dahl, *Who Governs?;* A. Rose, *The Power Structure;* R. E. Lane, *Political Ideology;* R. M. MacIver, *The Modern State; The Web of Government;* R. K. Merton and others, *Reader in Bureaucracy;* R. Michels, "Some Reflections on the Sociological Character of Political Parties" (*American Political Science Review*, November, 1927); R. Aron, "Social Structure and the Ruling Class" (*The British Journal of Sociology*, March and June, 1950); 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;* M. Abrams *et al.*, *Must Labour Lose?;* J. Trenaman and D. McQuail, *Television and the Political Image;* B. R. Berelson and others, *Voting;* S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology;* A. Campbell and others, *The American Voter;* E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour;* W. Kornhauser, *The Politics of Mass Society;* J. Bonham, *The Middle Class Vote;* R. S. Milne and H. C. Mackenzie, *Straight Fight;* S. E. Finer, *Anonymous Empire;* J. D. Stewart, *British Pressure Groups; 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 Government 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;* Barrington Moore, Jr., *Social Origins of Dictatorship and Democracy;* C. Johnson, *Revolutionary Change* and *Revolution and the Social System* (Hoover Institution Studies, No. 3, 1964); N. Smelser, *Theory of Collective Behaviour.*

848(a) Political Sociology (Classes)

Ten classes, Lent Term.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e; B.A./B.Sc. (Soc.) Branch I, 9 and 10f (second year).

848(b) Political Sociology (Seminar/Classes)

Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e; B.A./B.Sc. (Soc.) Branch I, 9 and 10f (third year).

849 Industrial Sociology

(i) Mr Hadley. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch III, 7e (second year); B.Sc. (Econ.) Part II: *Industrial Sociology*, IX 8f (third year).

(ii) Mr Hilbourne. Ten lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch III, 7e; B.Sc. (Econ.) Part II: *Industrial Sociology*, IX 8f (third year).

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, *Modern Organizations;* H. March and H. Simon, *Organizations;* E. Mayo, *The Social Problems of an Industrial Civilization;* P. M. Blau, *Dynamics of Bureaucracy;* A. Gouldner, *Patterns of Industrial Bureaucracy;* N. Mouzelis, *Organisation 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.*

849(a) Industrial Sociology (Classes)

Fifteen classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g (third year); Branch III, 7e; B.Sc. (Econ.) Part II: *Industrial Sociology*, IX 8f (third year).

850 Industrial Sociology: Selected Topics

Mr Hill and others. Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g (second year); Branch III, 7e; B.Sc. (Econ.) Part II: *Industrial Sociology*, IX 8f (third year).

Recommended reading will be given during the course.

851 Criminology

Dr T. P. Morris. Sessional.

For B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); Branch III (second year, especially for 7f); optional for Dip. Soc. Admin. incl. Overseas Option (one-year and first year).

Syllabus Conception of crime. Functions and methods of criminology. Criminal types and causal factors in crime; physical, psychological, social and economic factors. Special problems; juvenile and female delinquency. Penal philosophy and psychology, especially meaning and objects of punishment. Penal history. The modern English penal system and the criminal courts. Problems of crime prevention.

Recommended reading TEXT BOOKS: H. Mannheim, *Comparative Criminology;* H. Jones, *Crime and the Penal System* (3rd edn.); E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); N. Walker, *Crime and Punishment in Britain;* L. W. Fox, *The English Prison and Borstal Systems;* W. A. Elkin, *The English Penal System;* Central Office of Information, *The Treatment of Offenders in Britain*, 1960; U.K. Home Office, *Prisons and Borstals* (revised edn., 1960); M. Wolfgang *et al.* (Eds.), *Sociology of Crime and Delinquency; Sociology of Punishment and Correction;* M. Wolfgang and F. Ferracuti, *The Subculture of Violence;* G. Vold, *Theoretical Criminology;* D. Downes, *The Delinquent Solution.* FURTHER READING: D. R. Taft, *Criminology;* W. C. Reckless, *The Crime Problem; Criminal Behavior;* H. E. Barnes and N. K. Teeters, *New Horizons in Criminology;* S. Hurwitz, *Criminology;* H. Mannheim, *Group Problems in Crime and Punishment; Social Aspects of Crime in England between the Wars;* H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training;* H. Mannheim (Ed.), *Pioneers in Criminology;* S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency; Family Environment and Delinquency;* S. S. Glueck (Ed.), *The Problem of Delinquency;* P. W. Tappan, *Juvenile Delinquency; Crime, Justice and Correction;* A. Aichhorn, *Wayward Youth;* C. L. Burt, *The Young Delinquent;* J. Bowlby, *Forty-four Juvenile Thieves; Maternal Care and Mental Health;* D. H. Stott, *Delinquency and Human Nature; Unsettled Children and their Families;* W. Healy and A. F. Bronner, *New Light on Delinquency and its Treatment;* M. L. Barron, *The Juvenile in Delinquent Society;* A. K. Cohen, *Delinquent Boys: The Culture of the Gang;* T. Ferguson, *The Young Delinquent in his Social Setting;* T. P. Morris, *The Criminal Area;* F. M. Thrasher, *The Gang;* F. Redl and D. Wineman, *Children Who Hate;* H. Bloch and F. Flynn, *The Juvenile Offender in America Today;* G. M. Sykes,

The Society of Captives; Crime and Society; W. Norwood East, *Society and the Criminal;* A. K. Cohen and others (Eds.), *The Sutherland Papers;* S. Rubin, *Crime and Juvenile Delinquency;* E. Powers and H. Witmer, *An Experiment in the Prevention of Delinquency: The Cambridge-Somerville Youth Study;* B. Wootton, *Social Science and Social Pathology;* W. M. and J. McCord, *Origins of Crime;* R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity;* G. B. Trasler, *The Explanation of Criminality;* H. Mannheim, *The Dilemma of Penal Reform; Criminal Justice and Social Reconstruction;* S. M. Fry, *Arms of the Law;* R. S. E. Hinde, *The British Penal System;* D. L. Howard, *The English Prisons;* J. F. S. King, *The Probation Service;* N. Morris, *The Habitual Criminal;* M. Grünhut, *Juvenile Offenders Before the Courts;* J. A. F. Watson, *The Child and the Magistrate;* P. W. Tappan (Ed.), *Contemporary Correction;* H. J. Klare, *Anatomy of Prison;* H. Ashley Weeks, *Youthful Offenders at Highfields;* W. E. Cavenagh, *The Child and the Court;* F. H. McClintock and others, *Attendance Centres;* F. H. McClintock and E. Gibson, *Robbery in London;* E. Green, *Judicial Attitudes in Sentencing;* R. Hood, *Sentencing in Magistrates' Courts;* R. G. Andry, *The Short-Term Prisoner;* J. B. Mays, *Crime and the Social Structure;* T. P. and P. J. Morris, *Pentonville;* D. R. Cressey (Ed.), *The Prison;* P. J. Morris, *Prisoners and their Families.*

THE FOLLOWING OFFICIAL SOURCES SHOULD BE CONSULTED: Annual Reports of the Commissioners of Prisons and of the Central After-Care Association; U.K. Home Office, *Criminal Statistics* (England and Wales), published annually as command papers; U.K. Home Office, *Reports on the Work of the Children's Department* (occasional). The following Reports: *Royal Commission on Capital Punishment*, 1953 (Cmd. 8932); *Royal Commission on the Law Relating to Mental Illness and Mental Deficiency*, 1957 (Cmnd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmnd. 247); *Penal Practice in a Changing Society*, 1959 (Cmnd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmnd. 1191); *Committee on the Probation Service;* 1962 (Cmnd. 1650); *Interdepartmental Committee on the Business of the Criminal Courts*, 1961 (Cmnd. 1289); U.K. Home Office Advisory Council on the Treatment of Offenders, *Alternatives to Short Terms of Imprisonment*, 1957; *The After-Care and Supervision of Discharged Prisoners*, 1958; *The Treatment of Young Offenders*, 1959; *Corporal Punishment*, 1960; *Work for Prisoners*, 1961; *Preventive Detention*, 1962; U.K. Home Office, *The Probation Service: its Objects and its Organisation*, 1958; *Time Spent Awaiting Trial*, 1960; *Delinquent Generations*, 1960; *Murder*, 1961; United Nations IV. Social Welfare, 1951–2, *Probation and Related Measures;* The Criminal Justice Act, 1948; The Magistrates' Courts Act, 1952; The Prison Act, 1952, and the Prison Rules; The First Offenders Act, 1959; The Mental Health Act, 1959; The Criminal Justice Act, 1967.

852 Introductory Criminology (Class)

Dr T. P. Morris, Mrs Heidensohn and Mr Rock. Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year).

853 Selected Problems of Criminology and Penology

Dr T. P. Morris, Mrs Heidensohn and Mr Rock. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Criminology*, IX 8c (third year); B.A./B.Sc. (Soc.) Branch I, 9 and 10d, Branch III, 7f (third year). Optional for Dip. Soc. Admin. (second year and one-year). Suitable for students who have already attended Course No. 851.

Recommended reading As for Course No. 851. Further literature will be recommended during the course.

854 The Causes and Treatment of Crime (Seminar)

Dr T. P. Morris and Mrs Heidensohn. Fortnightly, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10d; Branch III, 7f (third year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (third year).

855 Mathematics for Sociologists (Introductory Course)
Mr Steuer. Twenty lectures and classes.

Optional for B.A./B.Sc. (Soc.) Branch I, 2 (first and second years); Branch II, 10c (second year).

Syllabus An introduction to formal theory in sociology, and the mathematical techniques which are most frequently used in this field. Half of the course is allocated to teaching these techniques. No mathematical background is assumed. In the second half the techniques are applied to a representative sample of topics, such as: survival theory in culture; group behaviour including pressures to conformity; rank and social integration; the theory of balance in social structure; communication networks; organization theory.

Recommended reading (The following provide some indication of subject matter, but give an exaggerated view of the mathematical difficulty of the course.) J. S. Coleman, *Introduction to Mathematical Sociology;* W. N. McPhee, *Formal Theories of Mass Behaviour;* J. G. Kemeny and J. L. Snell, *Mathematical Models in the Social Sciences* (chaps. 5 and 8); J. Berger *et al.*, *Sociological Theories in Progress*.

856 Social Research (Classes)
Lent and Summer Terms.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch II, 10c (second year); Branch III, 5 (second year).

FOR GRADUATE STUDENTS

M.Sc. Sociology, Preliminary Year

Courses 857–859 are for first-year graduate students of sociology preparing to take the departmental qualifying examination.

857 Sociological Theory (Class)
Mrs Heidensohn.

858 Social Institutions (Class)
Mr Hill.

859 Methods of Social Investigation (Class)
Mr Westergaard.

Recommended reading will be given during the courses.
Students should also attend the following courses: 839, 842, 846, 916, 917, 935.

M.Sc. Sociology, Final-Year and other Graduate Courses

860 Sociological Theory

For M.Sc.: *Sociological Theory*, XIX 1.

(i) Professor MacRae, Dr D. A. Martin and Mr Newfield. Seminars, Sessional.

(ii) Dr Cohen and Mr Newfield. Ten lectures, Summer Term.

861 Design and Analysis of Social Investigations
Miss Gales and Mr Westergaard. Sessional.

For M.Sc.: *Methods of Sociological Study*, III 3(i); XIX 2; *Political Sociology*, XV 4. Other graduate students may attend only by arrangement with Mr Westergaard.

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 background reading: E. Nagel, *The Structure of Science;* C. Selltiz and

others, *Research Methods in Social Relations;* C. A. Moser, *Survey Methods in Social Investigation;* W. J. Goode and P. K. Hatt, *Methods in Social Research;* E. Greenwood, *Experimental Sociology;* H. H. Hyman and others, *Interviewing in Social Research;* B. S. Phillips, *Social Research: Strategy and Tactics;* S. Payne, *The Art of Asking Questions;* A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

862 Design and Analysis of Social Investigations: Project Class
Mr Westergaard and Mr R. W. Lewis. One-and-a-half hours per week, Lent and Summer Terms.

For M.Sc.: *Methods of Sociological Study*, III 3i; XIX 2. Arrangements may be made for students to take an alternative option to this.

863 Social Structure of Industrial Societies
Professor Glass and others. Sessional. This course will include lectures and seminars.

For M.Sc.: *Social Structure of Industrial Societies*, XIX 3(i).

Syllabus Demographic background. The family. Urbanization. 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.

864 Sociology of Deviant Behaviour (Seminar)
Dr Downes. Sessional.

For M.Sc.: *Sociology of Deviant Behaviour*, XIX 3(iii).

Syllabus and **recommended reading** will be given at the beginning of the course.

865 Social Structure and Social Change (Graduate Course)
This course will not be given in the session 1969–70.

866 Sociology of Education

For M.Sc.: *Sociology of Education*, XIX 3(ii); M.Phil.

(i) Dr Clifford-Vaughan. Ten lectures, Michaelmas and Lent Terms.

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.

(ii) Mr Hopper. Twenty seminars, Lent and Summer Terms.

867 Sociology of Development

(i) Thirteen lectures, Michaelmas and Lent Terms. This course may not be given in the session 1969–70.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a; Branch II, 10d; B.Sc. (Soc.) Branch III, 7b (third year); M.Sc.: *Sociology of Development*, XIX 3(viii).

(ii) Professor Gellner, and others. Seminar.

For M.Sc.: *Sociology of Development*, XIX 3(viii).

868 Race Relations (Seminar)
Dr Cohen, Dr D. A. Martin and others. Twenty seminars, Sessional.

For M.Sc.: *Race Relations*, XIX 3(x).

Syllabus Social structural, cultural and psychological aspects of relations between ethnic and racial groups in various societies and regions, e.g. North America, Southern Africa, S.E. Asia, Middle East, Britain. There will be a strong emphasis on general theoretical problems and the bearing of empirical cases on these.

Recommended reading will be given during the course.

869 Political Behaviour (Seminar)
Professor McKenzie. Lent and Summer Terms.

For M.Sc.: *The Study of Political Behaviour*, XV 4; XIX 3(xiii).
Note For **Theories and Concepts of Political Sociology** (M.Sc.: XV 4; XIX 3(xi)) see Course No. 543.
For **Political Stability and Change** (M.Sc.: XV 4; XIX 3(xii)) see Course No. 544.
Students should also see Course No. 542.

870 The Social Structure of France
Dr Clifford-Vaughan. Ten fortnightly seminars, Lent and Summer Terms.

For graduate students in Sociology and Government.

Syllabus The milieu: natural and political. Population and class structure. The educational system. Rural France. Urban France. Workers and trade unions. The administrative and political personnel. The traditional forces: the Army and the Church.

Recommended reading will be given during the course.

871 Social and Demographic Problems in Medicine
Dr Douglas and Mr Wadsworth. Five lectures, Michaelmas Term. Seven lectures, Lent Term.

For M.Sc.: *Problems of Public Health and Sociomedical Research*, III 3(v) and other graduate students and optional for B.A./B.Sc. (Soc.) Branch I, 9 and 10e (third year).

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. 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;* Rosemary Stevens, *Medical Practice in Modern England;* D. Mechanic, *Medical Sociology*.

872(i) Social Structure and Social Change in Latin America
Fifteen lectures, Michaelmas and Lent Terms. This course may not be given in the session 1969–70.

For M.Sc.: *Sociology of Development*, XIX 3 (viii); Dip. Development Admin. and others interested.

Syllabus Historical aspects of relevance to present-day social structure. Colonial economic relations and their transformation: export agriculture and "neo-colonialism". The agrarian structure; problems of agrarian reform. Social relations in rural areas and the patron-dependant pattern. Patrimonial relations in the "modern" sector: the question of the dual society. Industrialization and urbanization: attitudes and behaviour of the urban working class and of the middle class. Race and the class structure. Education. The role of important power centres: the military and the church. Religion.
Throughout, special attention will be paid to Brazil.

Recommended reading A. Guuder Frank, *Capitalism and Development in Latin America;* C. Furtado, *Development and Underdevelopment;* Marvin Harris, *Patterns of Race in the Americas;* P. M. Hauser (Ed.), *Urbanisation in Latin America* (UNESCO, 1961); H. A. Herring, *History of Latin America* (2nd edn.); A. O. Hirschmann, *Journeys towards Progress;*

J. J. Johnson, *The Military and Society in Latin America;* J. J. Johnson (Ed.), *Continuity and Change in Latin America;* J. Lambert, *Amérique Latine: Structures Sociales et Institutions Politiques;* S. M. Lipset and A. Solari (Eds.), *Elites in Latin America;* J. Maier and R. W. Weatherhead, *Politics of Change in Latin America;* U.N. Dept. of Econ. and Social Affairs, *Progress in Land Reform*, Fourth Report; C. Veliz (Ed.), *Obstacles to Change in Latin America;* C. Veliz (Ed.), *The Politics of Conformity in Latin America;* E. de Vries and J. Medina Echavarria, *Social Aspects of Economic Development in Latin America*, Vol. I (UNESCO, 1963).

Further references will be given during the course.

872(ii) Social Structure and Social Change in Latin America (Seminar)
Sessional. This course may not be given in the session 1969-70.

For M.Sc.: *Sociology of Development*, XIX 3(viii).

873 Sociology of Religion (Seminar)
Dr D. A. Martin and Mrs Scharf. Fortnightly, Sessional.

For M.Sc.: *Sociology of Religion*, XIX 3(iv).

874 Sociology of Islam (Seminar)
Professor Gellner, Dr Cohen and Dr Lewis (S.O.A.S.). Fortnightly, Sessional. Intercollegiate course.

For M.Sc.: *Sociology of Development*, XIX 3(viii).

875 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.

876 Sociology of Revolution
Six lectures, Michaelmas Term.
For interested students.

Syllabus An introduction to the study of revolutions, revolutionary movements and theories of revolution.

Recommended reading K. Marx and F. Engels, *The Communist Manifesto* (Ed. Riazanov); F. Engels, *Revolution and Counter-Revolution in Germany* (Ed. Kriegel); K. Marx, *French Writings;* V. I. Lenin, *The State and Revolution;* G. Lukács, *Lenin;* L. D. Trotsky, *The Permanent Revolution;* I. Deutscher, *The Unfinished Revolution;* Barrington Moore, *The Origins of Dictatorship and Democracy;* E. Snow, *Red Star over China;* Mao Tse Tung, *Report on the Peasant Movement in Hunan; Four Philosophical Essays; Quotations;* Che Guevara, *Man and Socialism in Cuba;* R. Debray, *Revolution in the Revolution?; Essays on Latin America;* F. Fanon, *The Wretched of the Earth;* A. Gorz, *A Strategy for Labor;* R. Fraser, *Work;* P. Baran and P. Sweezy, *Monopoly Capital;* E. Mandel, *A Treatise on Marxist Economics;* L. Althusser, *Pour Marx; Lire le Capital;* M. Godelier, *Rationalité et Irrationalité en Economie;* G. Lukács, *Histoire et Conscience de Classe;* H. Marcuse, *Reason and Revolution; Eros and Civilisation;* J. Cammett, *Antonio Gramsci and Italian Communism;* V. Serge, *Memoirs of a Revolutionary;* R. D. Laing and D. Cooper, *Reason and Violence;* H. Lefebvre, *Dialectical Materialism;* K. Korsch, *Karl Marx;* J.-P. Sartre, *Search for a Method;* T. Nairn, *The Beginning of the End;* A. Glucksman, *Strategy and Revolution.*

Statistics, Mathematics, Computing and Operational Research

503 (a) Mathematics
506 (b) Statistical Theory and Method
509 (c) Applied Statistics
512 (d) Computing
514 (e) Operational Research
515 (f) Graduate Courses: Statistics
519 (g) Graduate Courses: Operational Research

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: alternative subject 1 (*a*) *Basic Mathematics;* B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XVI 2b (second year); B.Sc. (Geog.) C 151.
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. The idea of a function. Mappings and transformations with simple examples. The elementary functions (including the exponential function, the logarithmic function and the circular functions), their expansions, derivatives and integrals. Introduction to complex numbers, to vectors and matrices.

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. Birkhoff and S. MacLane, *A Survey of Modern Algebra;* R. Courant and H. Robbins, *What is Mathematics?;* 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, Dr Heathcote, Mr P. M. Robinson and others. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 1 (*a*) *Basic Mathematics*; B.Sc. (Geog.) C 151.

900(b) Basic Mathematics Second-Year Class

Dr Knott. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XI 3a; XVI 2b (second year).

901 Introduction to Modern Mathematics

Mr Tymes. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XI 3a; XVI 2b (third year).

902 Linear Algebra and Methods of Analysis

Dr Binmore and Mr R. A. Holmes.

(i) Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 1 (*b*) *Algebra and Methods of Analysis:* B.Sc. (Maths.) Part I, paper 3; B.Sc. (Geog) C 152.

(ii) Ten lectures, Michaelmas Term.

For B.Sc.(Econ.) Part I: alternative subject 1 (*b*) *Algebra and Methods of Analysis*; B.Sc. (Geog.) C 152.

Syllabus Finite dimensional vector spaces. Linear dependence. Isomorphisms, linear mappings. Matrices. Limits and series. Derivatives and integrals of functions of one variable.

Recommended reading G. Hadley, *Linear Algebra;* P. R. Halmos, *Finite Dimensional Vector Spaces;* C. W. Curtis, *Linear Algebra.*

902(a) Linear Algebra and Methods of Analysis Class

Dr Binmore. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

For B.Sc. (Econ.) Part I: alternative subject 1 (*b*) *Algebra and Methods of Analysis;* B.Sc. (Geog.) C 152.

903 Introduction to Analysis and Set Theory
Professor Offord. Fifty lectures, Sessional.
For B.Sc. (Maths.) Part I, paper 2; B.Sc. (Econ.) Part I: alternative subject 15, *Introduction to Analysis and Set Theory;* B.Sc. (Geog.) C 153. B.Sc. (Econ.) Part II: *Analysis and Set Theory*, II 3a (iii); 3b (ii); V 2i; X 3b; XI 3c; XV 5 and 6f; XVI 2c (second year).
Syllabus Sets of points in one and several dimensions. Structure of sets, open sets, closed sets, countable sets. The notion of measure of a set. The notion of limit for sequences and functions of a continuous variable.
Recommended reading J. C. Burkill, *An Introduction to Mathematical Analysis*.

903(a) Introduction to Analysis and Set Theory Class
Professor Offord and Mr. R. A. Holmes. Twenty-five classes, Sessional, beginning in the second week of the Michaelmas Term, in connection with Course No. 903.

904 Algebra and Theory of Probability I
Professor Offord and Dr H. Freedman. Forty lectures, Sessional.
For B.Sc. (Maths.) Part I, paper 4.
Syllabus The numbers system and the rules of algebra. Fields. Integers and polynomials over a field. Fundamental theorem of algebra. Polynomials in several indeterminants, symmetric polynomials determinants. The theory for discrete sample spaces. Independence. The main distributions. Sums of independent random variables.

904(a) Algebra and Theory of Probability I Class
Dr H. Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.
For B.Sc. (Maths.) Part I, paper 4.

905 Real Variable I
Professor Offord. Thirty lectures, Sessional.
For B.Sc. (Maths.) Part II, papers 1 and 2 (second year).
Syllabus Measure theory and integration. The fundamental theorem of the differential and integral calculus. Mean convergence with applications.

906 Introduction to Topology and Axiomatic Set Theory
Mr Bell. Thirty lectures, Sessional.
For B.Sc. (Maths.) Part II, papers 1 and 2 (second year); M.Sc.: Logic and Scientific Method.
Syllabus Continuous functions. Uniform convergence. Topological spaces and function spaces.

906(a) Real Variable and Topology Second-Year Class
Mr Bell and Professor Offord. Sixty classes, Sessional.
For B.Sc. (Maths.) Part II, papers 1 and 2 (second year).

906(b) Real Variable and Topology Third-Year Class
For B.Sc. (Maths.) Part II, papers 1 and 2 (third year).

907 Algebra II
Dr H. Freedman. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Maths.) Part II, paper 3 (second year).
Syllabus Continuation of Course No. 904. Fields and groups. Linear spaces, composition of mappings, automorphisms, quadratic forms.

907(a) Algebra II Second-Year Class
Dr H. Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.
For B.Sc. (Maths.) Part II, paper 3 (second year).

907(b) Algebra II Third-Year Class
For B.Sc. (Maths.) Part II, paper 3 (third year).

908 Complex Variable
Mr Hornblower. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Maths.) Part II, paper 3 (second year).
Syllabus Functions of a complex variable. Integration along piece-wise smooth curves. Cauchy's theorem for a triangle. Bilinear and other elementary transformations. Cauchy's formula for a piecewise smooth curve in a star domain. Regularity of sum of a uniformly convergent series. Calculus of residues.

908(a) Complex Variable Second-Year Class
Mr Hornblower. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.
For B.Sc. (Maths.) Part II, paper 3 (second year).

908(b) Complex Variable Third-Year Class
For B.Sc. (Maths.) Part II, paper 3 (third year).

909 Theory of Probability Third-Year Class
Professor Offord.
For B.Sc. (Maths.) Part II, paper 4 (third year).

910 Real Variable II
Mr Hornblower. Twenty-five lectures, Sessional.
For B.Sc. (Maths.) Part II, papers 1 and 2 (third year).

910(a) Real Variable II Class
For B.Sc. (Maths.) Part II, papers 1 and 2 (third year).

911 Algebra III
Dr H. Freedman. Twenty-five lectures, Sessional.
For B.Sc. (Maths.) Part II, paper 3 (third year).

911(a) Algebra III Class
For B.Sc. (Maths.) Part II, paper 3 (third year).

Courses Nos. 912-913(a) will not be given in the session 1969-70.

914 Mathematics A
Professor Sargan and others.
(i) Second Year: three hours per week, Sessional.
(ii) Third Year: one hour per week, Lent Term.
For B.Sc. (Econ.) Part II: *Mathematics A*, (i) I 2c; II 3a (i); III 3h; IV 6, 7 and 8i; V 2c; XI 3a; Dip. Stats.
(ii) I 2c; II 2a; III 3h; IV 6, 7 and 8i; V 2c; XI 3b; 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;* R. G. D. Allen, *Mathematical Analysis for Economists;* R. P. Gillespie, *Partial Derivatives;* W. Maak, *Introduction to Modern Calculus*.

915 Mathematics B
Dr Binmore, Mr Hajnal, Mr R. A. Holmes and Dr Knott.
Two hours a week, Sessional.

915(a) Mathematics B Second-Year Class
Dr Knott, Mr Hajnal, Mr P. M. Robinson and others. Thirty hours, Sessional.

915(b) Mathematics B Third-Year Revision Class
Dr Knott, Mr Hajnal and others. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Mathematics B*, I 2d; II 2b; IV 6, 7 and 8i; V 2d; X 3; XI 3c (third year); I 2d; II 3a(ii) or 3b(i); IV 6, 7 and 8i; V 2d; X 3a; XI 3b (second year); Dip. Stats.

(b) STATISTICAL THEORY AND METHOD

916 Elementary Statistical Methods
Miss Gales and Dr Maunder. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 8 *Methods of Social Investigation;* B.Sc. (Econ.) Part II: *Elements of Management Mathematics*, IV 3c; V 2a (second and third years); B.Sc. (Soc. Anth.) 3a (Part II); B.Sc. (Geog.) C 202; M.Sc.: Accounting and Finance (preliminary year); *Mathematical Programming*, I 4; Dip. Personnel Management; Dip. Soc. Admin. (first year and one-year). Optional for Dip. Soc. Admin. (second year).

Syllabus The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index numbers. Time-series and cross-section data. Elements of association and correlation. Basic ideas of statistical inference.

Recommended reading R. G. D. Allen, *Statistics for Economists;* A. R. Ilersic, *Statistics;* A. Bradford Hill, *Principles of Medical Statistics;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* W. A. Wallis and H. V. Roberts, *Statistics, A New Approach;* B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method.*

916(a) Elementary Statistical Methods Class
Dr Maunder, Mr Gattoni and others. Fifteen classes, Michaelmas and Lent Terms.

917 Statistical Methods (Sociology)
Mr R. W. Lewis. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch III, 5 (first year); Branch II, 10c (second year); B.Sc. Soc. Psych. (first year); M.Sc.: Sociology (preliminary year).

Syllabus Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples. The application of statistical methods to sociological problems.

Recommended reading R. G. D. Allen, *Statistics for Economists;* L. H. C. Tippett, *Statistics;* A. R. Ilersic, *Statistics;* A. Bradford Hill, *Principles of Medical Statistics;* W. A. Wallis and H. V. Roberts, *Statistics, A New Approach;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* H. Zeisel, *Say it with Figures;* L. G. Gotkin and L. S. Goldstein, *Descriptive Statistics;* S. M. Dornbusch and C. F. Schmid, *A Primer in Social Statistics;* M. W. Tate, *Statistics in Education and Psychology;* G. Kalton, *Introduction to Statistical Ideas;* H. M. Blalock, *Social Statistics.*

917(a) Statistical Methods (Sociology) Class
Mr R. W. Lewis and others. Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch III, 5 (first year); Branch II, 10c (second year); M.Sc.: Sociology (preliminary year).

917(b) Statistical Methods (Sociology) Class
(i) Mr R. W. Lewis. Ten hours, Lent Term.

For B.A./B.Sc. (Soc.) Branch III, 5 (third year).

(ii) Miss Gales and others. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 2 (second year); Branch II, 10c (third year).

918 Elementary Statistical Theory I
Dr Wallis. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 2 *Elementary Statistical Theory;* B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 5a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c (second year); B.Sc. (Maths.) Part I, 5a; B.Sc. (Geog.) C 201.

Syllabus Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship.

Recommended reading INTRODUCTORY: P. G. Hoel, *Elementary Statistics.* GENERAL: J. E. Freund, *Modern Elementary Statistics;* T. Yamane, *Statistics: An Introductory Analysis.* Further references will be given during the course.

918(a) Elementary Statistical Theory I Class
Dr Wallis, Mr P. M. Robinson and others. Twenty-three classes, Sessional, beginning in the third week of the Michaelmas Term.

919 Elementary Statistical Theory II
Dr Wallis. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 5a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c; *Econometrics*, II 8a; *Econometric Theory*, II 8b; X 6 and 7d (second year).

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.

920 Elements of Statistical Theory and Methods Revision Class
Dr Wallis. Eight classes, Lent Term, beginning in the third week.

For B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c (third year).

921 Introduction to Probability
Professor Durbin and Mr P. M. Robinson.
Fifteen lectures and five classes, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II (second year): *Statistical Theory*, II 5b; *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Management Mathematics*, II 5c; V 2h; X 6 and 7g; XI 5, 6 and 7b; B.Sc. (Maths.) Part II, 5, 6, 7 and 8a and h (second year); M.Sc.: *Foundations of Probability and Statistics*, XIII 5.

Syllabus Discrete sample spaces. Definitions and rules of probability. Conditional probability. Bayes' theorem. Independence. Random variables and calculus of expectations. Frequency-generating functions. Bernoulli trials. Binomial, Negative Binomial, Poisson, Hypergeometric, Multinomial distributions. Poisson process. Mixtures and compounds of distributions. Random walks. Markov chains.

Recommended reading W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I).

922 Theory of Statistical Distributions
Professor Durbin, Mr P. M. Robinson and others. Fifteen lectures and five classes. Lent Term.

For B.Sc. (Econ.) Part II: *Statistical Theory*, II 5b; *Probability Distribution and Sampling Theory*, X 4, XI 5, 6 and 7d (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (second year).

Syllabus Distribution and frequency functions. Moments, cumulants, and their generating functions. Characteristic functions. Distribution 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 generalizations. 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.

923 Statistical Methods and Theory (Second Year)

Dr Knott. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Theory of Statistical Methods*, X 5 (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (second year).

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.*

923(a) Statistical Methods and Theory Practical Class (Second Year)

Dr Knott. Twenty classes of one-and-a-half hours, Lent and Summer Terms.

924 Statistical Methods and Theory (Third Year)

Dr Brillinger and Professor Stuart. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Theory of Statistical Methods*, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (third year).

Syllabus Further analysis of variance and experimental design. Non-parametric methods.

Recommended reading D. A. S. Fraser, *Statistics: An Introduction;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; O. Kempthorne, *The Design and Analysis of Experiments;* K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering.*

924(a) Statistical Methods and Theory (Third Year) Class

Professor Stuart. Five classes, Lent Term.

925 Statistics Practical Class

Mr P. M. Robinson. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Statistics.

926 Sample Survey Theory

Mr R. W. Lewis. Ten lectures, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e; *Theory of Statistical Methods*, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (third year). Optional for M.Sc.: *Survey Theory and Methods*, XXI 7.
Further treatment of sample survey theory is provided in Course No. 964.

Syllabus Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys;* W. G. Cochran, *Sampling Techniques;* W. E. Deming, *Sample Design in Business Research;* M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory;* A. Stuart, *Basic Ideas of Scientific Sampling;* M. R. Sampford, *An Introduction to Sampling Theory;* L. Kish, *Survey Sampling;* P. V. Sukhatme, *Sampling Theory of Surveys with Applications.*

927 Estimation and Tests

Professor Stuart and Mr P. M. Robinson.
Fifteen lectures and five classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Statistical Theory*, II 3b (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (third year); Dip. Stats.

Syllabus Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Least squares. Maximum likelihood. Classical and Bayesian methods. Elementary notion 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.

928 Statistical Theory Problems Class

Professor Stuart. Thirteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Theory of Statistical Methods*, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (third year).

929 Statistical Theory Class

Mr P. M. Robinson. Eight classes, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II: *Statistical Theory*, II 3b (third year).

(c) APPLIED STATISTICS

930 Introduction to Statistical Sources

Professor Sir Roy Allen. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

Note Further treatment of statistical sources and applications is provided in Course No. 933.

For B.Sc. (Econ.) Part II (second year): *Economic Statistics*, I 6; II 7a; III 8c; IV 3b; VI 8h; XV 5 and 6b; Dip. Stats. Recommended for M.Sc.: Economic History; B.Sc. (Econ.) Part II: special subject Accounting and Finance (second year).

Syllabus The main sources of statistics of population, manpower, production, consumption, prices, trade, national income. The nature and limitations of these statistics: their use in illustrating recent economic movements. Index numbers in practice. The elements of the technique of social surveys.

Recommended reading E. Devons, *An Introduction to British Economic Statistics;* M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom;* C. A. Moser, *Survey Methods in Social Investigation;* U.K. Central Statistical Office, *New Contributions to Economic Statistics; Monthly Digest of Statistics;* and other official publications; U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics;* No. 2, *Census Reports of Great Britain*, 1801-1931; No. 4, *Agricultural and Food Statistics;* No. 6, *Census of Production Reports; London and Cambridge Economic Bulletin*; *National Institute Economic Review.*

931(a) Economic Statistics

Professor Sir Roy Allen and Dr Maunder.
I ifteen classes, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 7a; III 8c; IV 3b; VI 8h; XV 5 and 6b (second year); Dip. Stats. The classes will be divided into several groups, some mainly non-mathematical, others more mathematical.

Syllabus Simple methods of handling economic data; applications of measures of average, dispersion and association and of time series and index numbers. The topics will include manpower and employment, earnings and the cost of living, production and sales, domestic and inter-

national trade, national income and the balance of payments.
All students are expected to have attended Course No. 930.

Recommended reading R. G. D. Allen, *Statistics for Economists;* C. A. Blyth, *The Use of Economic Statistics;* E. Devons, *An Introduction to British Economic Statistics;* A. R. Ilersic, *Statistics;* R. J. Nicholson, *Economic Statistics and Economic Problems;* and the main U.K. official statistical publications.

931(b) Economic Statistics Revision Class

Dr Maunder and others. Six classes, Lent Term, beginning in the fifth week.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 5 and 6b (third year).
These classes supplement Course No. 931a.

932 National Income I

Dr Maunder and others. Ten lectures, Michaelmas Term.
National Income II will be given in the session 1970-71.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 7a; III 8c; IV 3b; VI 8h; XV 5 and 6b (second year); Dip. Stats.

Syllabus The conceptual framework of national accounting. The definition and measurement of the national income and product. A general review of methods of estimation and the reliability of national accounting aggregates.

Recommended reading W. Beckerman, *An Introduction to National Income Analysis;* J. R. N. Stone and G. Stone, *National Income and Expenditure;* J. R. N. Stone and G. Croft-Murray, *Social Accounting and Economic Models;* G. Stuvel, *Systems of Social Accounts;* H. C. Edey and A. T. Peacock, *National Income and Social Accounting;* R. Marris, *Economic Arithmetic;* U.K. Central Statistical Office, *National Income and Expenditure* (H.M.S.O., annual); U.K. Central Statistical Office, *National Accounts Statistics: Sources and Methods* (H.M.S.O., 1968); United Nations, *A System of National Accounts and Supporting Tables* (revised 1968). Further reading will be recommended during the course.

933 International Trade and the Balance of Payments

Professor Sir Roy Allen. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 7a; III 8c; IV 3b; VI 8h; XV 5 and 6b (second year); Dip. Stats.

Syllabus International trade in goods and services, international lending and international transfers. The importance of international trade to the United Kingdom and the relation of the balance of payments to the national income accounts. Terms of trade, indices of prices and volume of trade.

Recommended reading will be given during the course.

934(i) General Statistics (Second Year)

Mr Kalton. Twenty classes of one-and-a-half hours each, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *General Statistics*, X 8.

934(ii) General Statistics (Third Year)

Professor Sir Roy Allen. Twenty meetings of one-and-a-half hours each, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *General Statistics*, X 8 (third year).

935 Survey Methods in Social Investigation

Miss Gales. Ten lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 2 (second year); Branch II, 10c (third year); B.Sc. (Econ.) Part I: alternative subject 8 *Methods of Social Investigation;* Dip. Soc. Admin. (second and one-year); B.Sc.

(Soc.) Branch III, 5 (first year); B.Sc. (Soc. Anth.) Part II, 3a; B.Sc. (Geog.) C 202; M.Sc.: *Methods of Sociological Study*, XIX 2 (preliminary year); Dip. Stats.; Dip. Development Admin.
Recommended for graduate students.

Syllabus The nature and evolution of social investigations. Contemporary survey work. Surveys of environment, behaviour and opinions. The planning of surveys. Background of sampling theory. Sample design and sampling techniques. Non-sampling errors and bias. Methods of collecting the data: documents, observation, mail questionnaires, interviewing. Questionnaire design. The processing, analysis and interpretation of data.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys;* B. S. Rowntree, *Poverty and Progress; New Survey of London Life and Labour;* F. Mosteller (Ed.), *The Pre-Election Polls of 1948*; 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, *Survey Methods in Social Investigation;* F. Edwards (Ed.), *Readings in Market Research;* A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine.*

935(a) Survey Methods in Social Investigation Class

Miss Gales and others. Five classes, Lent Term, beginning in the sixth week.

For B.Sc. (Econ.) Part I: alternative subject 8 *Methods of Social Investigation;* B.Sc. (Geog.) C 202; B.Sc. (Soc. Anth.) Part II, 3a.

935(b) Survey Methods Class

Mr R. W. Lewis. Fifteen hours, Lent and Summer Terms.

For B.Sc. (Soc.) Branch III (second year).

936 Social Statistics and Survey Methodology (Second Year)

Mr R. W. Lewis and others. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e (second year).

937 Social Statistics and Survey Methodology (Third Year)

Mr R. W. Lewis and others. Twenty-five hours, Sessional.

For B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e (third year).

938 Compound Interest

Mr Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a; *Accounting: Management and Economic Aspects*, I 3b; II 5d; III 3b; IV 6, 7 and 8h; *Accounting and Finance*, V 6,7 and 8 (second year); M.Sc.: *Economic Aspects of Accounting*, I 1 and 2; IV 4(xv); *Management Accounting*, XII 4(ii).

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.*

939(i) Actuarial Statistics I

Mr Dyson. Twenty hours, Sessional.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (second year).

Syllabus Elementary life contingencies. Exposed to risk formulae and the construction of life tables. Theory of multiple decrements. Construction of select mortality and multiple decrement tables.

Recommended reading R. E. Larson and E. A. Gaumnitz, *Life Insurance Mathematics;* P. F. Hooker and L. H. Longley-Cook, *Life and Other Contingencies*,

Vol. I; J. L. Anderson and J. B. Dow, *Actuarial Statistics*, Vol. II; W. G. Bailey and H. W. Haycocks, *Some Theoretical Aspects of Multiple Decrement Tables*.

939(ii) Actuarial Statistics II

Mr Dyson. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (third year).

Syllabus Comparison of mortality and other experiences; graduation; English life and other standard mortality tables. Students will be expected to have attended Course No. 939(i).

Recommended reading P. F. Hooker and L. H. Longley-Cook, *Life and Other Contingencies*, Vol. II; H. Tetley, *Actuarial Statistics*, Vol. I; J. L. Anderson and J. B. Dow, *Construction of Mortality and Other Tables* (*Actuarial Statistics*, Vol. II); N. L. Johnson and H. Tetley, *Statistics*, Vol. II, chap. 17; Registrar-General's Decennial Supplement (Life Tables), 1951 and 1961.

939(ii)(a) Actuarial Statistics II, Classes

Five hours, Summer Term.

Optional for B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (third year).

(d) COMPUTING

940 Introduction to Computing (Second Year)

Lecturer to be announced. Twenty-five lectures, Sessional, beginning in the sixth week of the Michaelmas Term.

Whole course: for B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4 (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (second year). **Michaelmas Term only:** for M.Sc.: *Automatic Data Processing*, XII 4(iii); M.Sc.: Accounting and Finance. Optional for B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8 (second year).
This course is a continuation of Course No. 985.

Syllabus Functional description of a computer; computer configurations; representation of data. Principles of programming; instructions; decisions; loops, instruction modification. Basic machine coding applied to simple logical and numerical examples, including use of fixed and floating point number representation. Flow charts; program organization; subroutines. Instruction formats; fixed and variable word length. Serial and random access files. Methods for file processing: searching and sorting. Symbolic programming. Automatic programming; assemblers; compilers; interpretative routines. Operating systems. Problem formulation for computer solution; the intuitive concept of an algorithm and its representations.

Recommended reading T. E. Hull, *Introduction to Computing;* R. S. Ledley, *Programming and Utilizing Digital Computers;* F. J. Gruenberger and G. Jaffray, *Problems for Computer Solution*.

940(a) Introduction to Computing, Second-Year Class

Lecturer to be announced. Twenty classes, Lent and Summer Terms.

941 Introduction to Computing (Third Year)

Mr Garside. Five lectures of two hours, Lent Term.

For B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (third year).

942 Fortran IV

Lecturer to be announced. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c; *General Statistics*, X 8 (second year); B.Sc. (Maths.) Part II: 5, 6, 7 and 8c and d (second year).

Syllabus The syntax of the Fortran IV programming language.

Recommended reading R. S. Ledley, *Fortran IV Programming;* D. D. McCracken, *A Guide to Fortran IV Programming*.

942(a) Fortran IV Class

Lecturer to be announced. Ten classes, Michaelmas Term.

943 Computing Practical Class

Lecturer to be announced. Thirty classes, Sessional.

For B.Sc. (Econ.) Part II: special subject Computing (second and third years).

944(i) General Computing, Second Year

Lecturer to be announced. Ten classes, Summer Term.

For B.Sc. (Econ.) Part II: *General Computing*, XI 8.

944(ii) General Computing, Third Year

Lecturer to be announced. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *General Computing*, XI 8.

945 Numerical Methods, Second Year

Lecturer to be announced. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8c (second year).

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 No. 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*.

945(a) Numerical Methods Second-Year Class

Lecturer to be announced. Ten classes, Summer Term.

946 Numerical Methods, Third Year

Lecturer to be announced. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8c (third year).

Syllabus See Course No. 945.

946(a) Numerical Methods Third-Year Class

Lecturer to be announced. Twenty classes, Michaelmas and Lent Terms.

947 Management Data Processing Class

Mr Waters and others.
(i) Second Year. Ten hours, Summer Term.
(ii) Third Year. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a; B.Sc. (Maths.) Part II: 5, 6, 7 and 8g.

These classes are held in conjunction with Courses Nos. 986–9.

(e) OPERATIONAL RESEARCH

948 Elements of Management Mathematics

Mr Rosenhead. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Elements of Management Mathematics*, IV 3c; V 2a (second and third years); M.Sc.: *Management Mathematics*, I 3; Dip. Personnel Management.

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, stochastic processes, Markov chains, replacement theory.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*.

948(a) Elements of Management Mathematics Class

Lecturers to be announced. Twenty classes, Michaelmas and Lent Terms.

949 Introduction to Operational Research Techniques

Mr Rosenhead. Nine lectures, Summer Term.

For B.Sc. (Econ.) Part II: *General Computing*, XI 8; *Management Mathematics*, II 5c; V 2h; X 6 and 7g; XI 5, 6 and 7b (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8h; Dip. Stats.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: critical path analysis, decision theory, queues, stock control, games theory, computer simulation of complex organizations and forecasting.

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;* A. S. Manne, *Economic Analysis for Business Decisions*.

949(a) Introduction to Operational Research Techniques

Lecturers to be announced. Eight classes, Summer Term.

950 Operational Research Techniques

Mr Rosenhead. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6 and 7b (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8h (third year); Dip. Stats.

Syllabus Replacement theory. Inventory control. Queueing theory. Dynamic programming.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research;* R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research;* D. R. Cox, *Renewal Theory;* D. R. Cox and W. L. Smith, *Queues;* R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*.

950(a) Operational Research Techniques Third-Year Class

Lecturer to be announced. Fifteen classes, Michaelmas and Lent Terms.

951 Mathematical Programming

Dr Land and Dr Morton. Fifteen lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II: *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6, and 7b (third year); B.Sc. (Maths.) Part II: 5, 6 7 and 8h (third year); Dip Stats. **First ten lectures** optional for B.Sc. (Econ.) Part II: *Economics treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b; XI 2a (third year).

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 (for Management Mathematics students) 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 Economic Analysis;* K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*.

951(a) Mathematical Programming Class

Dr Land, Dr Morton and others. Fifteen classes, Michaelmas and Lent Terms.

(f) GRADUATE COURSES (STATISTICS)

952 Advanced Probability

Dr Heathcote. Twenty lectures, Michaelmas Term.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XII 2b; XXI 1.

953 Stochastic Processes I

Mr Hajnal. Ten lectures, Lent Term.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XII 2b; XXI 1; *Stochastic Processes and Applications*, XII 2a; *Selected Techniques and Model Building*, XXI 4.

Syllabus Markov chains with finite number of states in discrete and continuous time. Renewal theory. Queues.

953(a) Stochastic Processes I Class

Mr. Hajnal and Dr Heathcote. Ten classes, Lent Term.

954 Stochastic Processes II

Mr Hajnal. Ten lectures, Summer Term (two hours a week for the first five weeks of term).

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XII 2b; XXI 1.

954(a) Stochastic Processes II Class

Mr Hajnal. Five classes, Summer Term.

955 Introduction to Sets and Metric Spaces

(i) Theory

Mr Foldes. Twenty lectures of one-and-a-half hours, Michaelmas Term.

For M.Sc.: *Advanced Mathematical Economics I* and *II*, V 2(v) and (vi).

(ii) Applications

Professor Sargan. Ten lectures, Lent Term.

For M.Sc.: *Advanced Mathematical Economics I* and *II*, V 2(v) and (vi).

Syllabus (a) Theory: 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.
(b) Applications: existence of competitive equilibrium. Existence of dual prices in non-linear programming.

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*. On metric spaces: the relevant sections of A. N. Kolmogorov and S. V. Fomin, *Elements of the Theory of Functions and Functional Analysis*, Vol. I, or K. Kuratowski, *Introduction to Set Theory and Topology*, or S. T. Hu, *Introduction to General Topology*. On vector spaces: D. Gale, *The Theory of Linear Economic Models*, chap. 2, or relevant sections of P. R. Halmos, *Finite-Dimensional Vector Spaces*.

FURTHER REFERENCES: W. Fenchel, *Convex Cones, Sets and Functions*, esp. chap. 2, S. 6; L. S. Pontriagin, *Outlines of Combinatorial Topology*, S. 1–10; J. Dieudonné, *Foundations of Modern Analysis*. On applications: G. Debreu, *Theory of Value;* H. W. Kuhn and A. W. Tucker, "Nonlinear Programming" (*Second Berkeley Symposium on Mathematical Statistics and Probability*).

956 Further Distribution Theory

Professor Stuart. Ten lectures, Lent Term.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XII 2b; XXI 1.

Syllabus Selected topics in the theory of order statistics. Properties of the sample distribution function. Distribution theory of quadratic forms of normally distributed random variables. Approximations to statistical distributions.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I; H. Cramér, *Mathematical Methods of Statistics;* M. Fisz, *Probability Theory and Mathematical Statistics*.

957 Statistical Inference

Dr Heathcote. Twenty-five lectures, Sessional.

For M.Sc.: *Statistical Methodology and Inference*, XXI 2.

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*.

957(a) Statistical Inference Class

Dr Heathcote. Ten classes, Sessional.

958 Multivariate Analysis

Dr Brillinger. Ten lectures of two hours, Michaelmas Term.

For M.Sc.: *Statistical Methodology and Inference*, XXI 2; *Design and Analysis of Statistical Investigation*, XII 1b; XXI 3.

Syllabus Multiple regression analysis. Component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Applications of these techniques.

Recommended reading T. W. Anderson, *Introduction to Multivariate Statistical Analysis;* C. R. Rao, *Linear Statistical Inference and Its Applications;* D. F. Morrison, *Multivariate Statistical Methods;* W. W. Cooley and P. R. Lohnes, *Multivariate Procedures for the Behavioural Sciences*.

958(a) Multivariate Analysis Class

Dr Brillinger. Five classes, Michaelmas Term.

959 Ranking and Other Distribution-Free Methods

Professor Stuart. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Design and Analysis of Statistical Investigation*, XII 1b; XXI 3.

Syllabus The rationale and efficiency of ranking and other distribution-free methods. Tests of independence, tests of randomness and rank correlation coefficients. Normal scores tests. Two-sample and *k*-sample tests. Sign tests. Intervals for population percentiles.

Tolerance intervals for a distribution. Tests of fit. Confidence intervals for an unknown distribution function.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 30, 31 and 32); M. G. Kendall, *Rank Correlation Methods:* S. Siegel, *Non-parametric Statistics for the Behavioural Sciences*.

960 Selected Techniques of Quantitative Analysis

Mr Gattoni, Professor Durbin and Dr Maunder. Twelve lectures and six classes, Michaelmas and Lent Terms.

For M.Sc.: *Selected Techniques and Model Building*, XXI 4.

Syllabus Analytic techniques, e.g. single and double decrement tables and their applications; standardization and index numbers; relative risks. Seasonal adjustments.

961 Model Building

Dr Phillips. Twelve lectures and six classes, Lent and Summer Terms.

For M.Sc.: *Selected Techniques and Model Building*, XXI 4.

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.

962 Causal Analysis

Mr Kalton. Eight lectures and four classes, Lent Term.

For M.Sc.: *Selected Techniques and Model Building*, XXI 4.

Syllabus Causal analysis, including recursive systems, path coefficients, cross-lagged correlations. Effects of measurement error.

963 Applied Problems in Statistics (Seminar)

Dr Phillips, Mr Gattoni, Mr Kalton and others. Ten meetings of one-and-a-half hours, fortnightly, Michaelmas and Lent Terms.

For M.Sc.: *Selected Techniques and Model Building*, XXI 4.

964 Further Sample Survey Theory and Methods

Mr Kalton. Twenty lectures, Lent Term.

Note This course presupposes attendance at Course No. 926.

For M.Sc.: *Survey Theory and Methods*, XXI 7.

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. 3 (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*.

964(a) Further Sample Survey Theory and Methods Class

Mr Kalton. Eight classes, Lent and Summer Terms.

965 Survey Design, Execution and Analysis

Miss Gales and Mr Kalton. Twenty classes of two hours each, Michaelmas and Lent Terms.

For M.Sc.: *Survey Theory and Methods*, XXI 7.

966 Design and Analysis of Experiments

Dr Knott. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Design and Analysis of Statistical Investigation*, XII 1b; XXI 3.

Syllabus Principles of experimental design. Randomized 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*.

966(a) Design and Analysis of Experiments Class

Dr Knott. Five classes, Summer Term.

967 Basic Time-Series Analysis

Professor Durbin and Dr Wallis. Two hours per week, Michaelmas Term.

For M.Sc.: *Statistical Methodology and Inference*, XXI 2; *Econometric Theory I*, V 2(iii); XII 4(iv); XXI 5.

Syllabus Basic structure of time series. Stationarity. Autocorrelation. Periodogram and spectrum. Linear models. 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;* C. W. J. Granger, *Spectral Analysis of Economic Time Series;* E. Malinvaud, *Statistical Methods of Econometrics;* A. M. Yaglom, *An Introduction to the Theory of Stationary Random Functions*.

968 Further Time-Series Analysis

Professor Durbin and Dr Wallis. Two hours per week, Lent Term.

Optional for M.Sc.: *Econometric Theory I*, V 2(iii); XII 4(iv); XXI 5; *Statistical Methodology and Inference*, XXI 2.

Syllabus Properties of Fourier transforms. Estimation of spectrum. Cross-spectral methods. Linear time invariant relations between series.

Recommended reading C. W. J. Granger, *Spectral Analysis of Economic Time Series;* E. J. Hannan, *Time Series Analysis*.

969 Prediction and Control by Least Squares Methods

Mr Hendry and Mr Tymes. Ten lectures, Lent Term.

For M.Sc.: *Econometric Theory II*, V 2(iv). Optional for M.Sc.: *Econometric Theory I*, XII 4(iv); XXI 5; *Statistical Methodology and Inference*, XXI 2.

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*.

970 Statistical Aspects of Educational Planning

Mr Layard, Dr Phillips, Mr Williams and others. Ten lectures, Lent Term.

For M.Sc.: *Economics of Education and Human Capital*, IV 4(xix); *Educational Statistics*, XXI 8; Dip. Stats. Recommended for M.Sc.: *Educational Administration*, XVI 2(vii); B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e (third year).

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.

971 Educational Statistics

Dr Phillips. Twenty lectures and classes, Sessional.

For M.Sc.: *Educational Statistics*, XXI 8.

972 Fortran Programming

Miss Brown, Mr F. F. Land, Miss Powell, Mr Wakeford and others. A basic course will be given three times during the session.

(**a**) First week, Michaelmas Term.

For M.Sc.: Accounting and Finance; Operational Research; Statistics; Dip. Stats.

(**b**) Course lasting five days. Christmas vacation.

(**c**) Course lasting five days. Easter vacation.

973 Statistical Analysis Practical Class

Miss Brown. Twenty classes, Michaelmas and Lent Terms.

For M.Sc.: Statistics, *Practical Work*. Fortran computer language will be used.

974 Data Analysis

Dr Brillinger. Five lectures, Summer Term. This course will not be given in the session 1969-70.

Optional for M.Sc.: *Statistical Methodology and Inference*, XXI 2; *Design and Analysis of Statistical Investigation*, XII 1b; XXI 3; *Statistical Theory*, III 3 (vi); Dip. Stats.

(g) GRADUATE COURSES (OPERATIONAL RESEARCH)

975 Statistical Theory I

Dr Knott. Forty lectures and twenty classes, Michaelmas and Lent Terms.

For M.Sc.: *Statistical Theory*, III 3(vi); XII 1a; Dip. Stats.

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*.

976 Simulation Methods

Mr M. H. J. Webb. Ten lectures, Lent Term.

For M.Sc.: *Automatic Data Processing*, XII 4(iii); B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4; B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (third year).

Syllabus Rigorous models: conditions and limitations of rigorous application. Higher order and combinatorial cost functions of simple variables. Characteristics of combinatorial problems and of rigorous and approximate "optimal" solutions. More complex cost functions. Simulation: the different forms and objectives. Difficulties and limitations. Realism and its associated ethical and judgment problems.

977 Optimization Techniques

Mr Wolfenden. Ten lectures, Lent Term.

For M.Sc.: Operational Research.

978 Operational Research Techniques, Graduate Course

Mr Rosenhead. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Stochastic Processes and Applications*, XII 2a.

Syllabus Replacement theory. Inventory control. Queueing theory. Critical path analysis. Dynamic programming. Forecasting.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research;* R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research;* D. R. Cox, *Renewal Theory*, D. R. Cox and W. L. Smith, *Queues*, D. W. Jorgenson, J. J. McCall and R. Radner, *Optimal Replacement Policy;* F. S. Hillier and G. J. Lieberman, *Introduction to Operations Research;* A. Battersby, *Network Analysis;* R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming;* R. A. Howard, *Dynamic Programming and Markov Processes.*

978(a) Operational Research Techniques, Graduate Class

Mr Rosenhead. Twenty classes, Michaelmas and Lent Terms.

979 Mathematical Programming, Graduate Course

Dr A. H. Land and Dr Morton. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Mathematical Programming*, I 4; V 2(vi); XII 3; XXI 6.

Syllabus Basic formulations and theorems of mathematical programming: convex point sets, linear and non-linear objective functions. Basic methods of solution. Existence theorems. Special problems. Applications in operational research and economics.

Recommended reading G. Hadley, *Linear Programming;* S. Vajda, *Readings in Linear Programming; Mathematical 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.*

979(a) Mathematical Programming, Graduate Class

Dr A. H. Land, Dr Morton and others. Twenty classes, Michaelmas and Lent Terms.

980 Theory of Games

Dr Morton. Five lectures, Lent Term, beginning in the sixth week.

For M.Sc.: *Mathematical Programming*, I 4; V 2(vii); XII 3; XXI 6; Dip. Stats. Optional for B.Sc. (Econ.) Part II: *Economics Treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b; XI 2a (third year). Recommended for 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 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;* T. C. Schelling, *The Strategy of Conflict;* A. Rappoport, *Fights, Games and Debates.*

981 Economics for Operational Research

Mr Perlman. Ten lectures, Summer Term.

Optional for M.Sc.: Operational Research.

Syllabus An introduction to the principles of macro-economics: the analysis of national income; the price level; employment; the balance of payments—and their application to economic policy.

Recommended reading will be given at the beginning of the course.

982 Forecasting and Exponential Smoothing

Mr J. J. Thomas. Three lectures, Summer Term.

For M.Sc.: Operational Research.

983 Selected Topics in Operational Research

Mr Rosenhead and others. Fifteen meetings, Lent and Summer Terms.

For M.Sc.: Operational Research.

Syllabus In this course a number of theoretical problems arising in operational research will be discussed and several case histories will be presented. It is intended for students having a preliminary acquaintance with the subject.

Recommended reading References to current literature will be provided during the course.

984 Tutorial Class in Operational Research

Dr A. H. Land, Dr Morton and Mr Rosenhead. Sessional.

For M.Sc.: Operational Research.

985 Introduction to Computers: Basic Concepts

Mr F. F. Land. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c; *General Statistics*, X 8; B.Sc. (Maths.) Part II: 5, 6, 7 and 8c and d (second year); M.Sc.: *Systems Analysis I*, I 5; XII 4(v); *Automatic Data Processing*, XII 4(iii). Optional for B.Sc. (Econ.) Part II: special subject Accounting and Finance (second year).

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.*

986 Business Information Systems

Dr Losty. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (second year); M.Sc.: *Systems Analysis I*, I 5; XII 4(v).

Syllabus The nature of business information. Information related to the functions of management; planning, control, organizing, communication and decision-making. Total and integrated systems.

Recommended reading J. Dearden and F. W. McFarlan, *Management Information Systems;* D. H. Li, *Accounting, Computers, Management Information Systems;* the following journals: *Data Systems; Data Processing.*

987 Data Processing Methods

Mr F. F. Land. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XII 4(v); *Automatic Data Processing*, XII 4(iii).

Syllabus Data capture and data transmission. System protection and error recovery. Coding systems. Organization of program suites.

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.*

988 File Processing

Mr Waters. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XII 4(v); *Automatic Data Processing*, XII 4(iii).

Syllabus Records and files. Serial and direct access methods. Real time systems. Information retrieval. **COBOL.**

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming;* D. D. McCracken, *A Guide to COBOL Programming.*

989 Methodology of Systems Analysis

Mr Stamper. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XII 4(v).

Syllabus Systems analysis and design. Analysis, synthesis, evaluation, implementation and maintenance.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications;* R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming;* D. H. Li, *Accounting, Computers, Management Information Systems;* P. A. Losty, *Effective Use of Computers in Business.*

990 Systems Analysis I Class

Mr Stamper, Mr F. F. Land and others. Twenty classes, Sessional.

For M.Sc.: *Systems Analysis I*, I 5; XII 4(v).

991 Advanced Systems Analysis Methodology

Mr F. F. Land and others. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Systems Analysis II*, I 5; XII 4(vi).

Syllabus Feasibility and evaluation of systems. Project management, standards in data processing. Application packages and computer languages. Information retrieval. The computer utility.

Recommended reading D. H. Brandon, *Management Standards for Data Processing:* J. Dearden and F. W. McFarlan, *Management Information Systems;* D. H. Li, *Accounting, Computers, Management Information Systems.*

992 Information and Business Functions

(i) Real Time Systems

Dr Losty. Five lectures, Michaelmas Term.

(ii) Systems Concepts

Dr Losty. Five lectures, Michaelmas Term.

(iii) Languages for Management Information Systems

Mr Stamper. Five lectures, Lent Term.

For M.Sc.: *Systems Analysis II*, I 5; XII 4(vi).

Syllabus Information related to the functions of business; marketing, production control, manpower planning and administrative systems. Examination of some operating computer-based systems. Integration of business functions. Real time and on-line systems. Some general properties of systems.

Recommended reading J. Dearden and F. W. McFarlan, *Management Information Systems;* J. O. Shaughnessey, *Business Organisation;* Van Court Hare, *Systems Analysis: A Diagnostic Approach;* J. Martin, *Designing a Real-Time Computer System.*

993 Organization and Computers

Mr M. H. J. Webb. Five lectures, Lent Term.

For M.Sc.: *Systems Analysis II*, I 5; XII 4(vi).

Syllabus Management and computers, organization of industry. Case studies.

Recommended reading The following journals: *Data Systems; Data Processing; Business Management.*

994 Systems Analysis II Class

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For M.Sc.: *Systems Analysis II*, I 5; XI 4(vi).

Note Students are also referred to Courses Nos. 762, 763.

995 Further Statistical Methods

Mr Gattoni. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Methods of Sociological Study*, III 3(i); XIX 2. (Students should attend this course or Course No. 861 or 996.) Also for graduate students in Psychology. It will be assumed that students have a knowledge of statistics to the standard of Course No. 916.

Syllabus Elements of matrix algebra. Analysis of variance and covariance. Multiple regression. Factor analysis.

Recommended reading H. M. Blalock, *Social Statistics;* N. Draper and H. Smith, *Applied Regression Analysis;* T. Yamane, *Statistics, an Introductory Analysis;* W. L. Hays, *Statistics for Psychologists;* M. H. Quenouille, *Associated Measurements;* D. R. Cox, *Planning of Experiments;* M. J. Moroney, *Facts from Figures.*

996 Mathematical Methods in Sociology

Dr Morton. Five lectures and five classes, Summer Term.

For M.Sc.: *Methods of Sociological Study*, III 3(i); XIX 2. (Students should attend this course *or* Course No. 861 or 995.)

Recommended reading J. O. Bartos, *Mathematical Models of Group Behaviour.*

997 Statistics Seminar

Professor Sir Roy Allen, Professor Durbin and Professor Stuart will hold a series of seminars throughout the session.

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998 Joint Statistics Seminar

Seminars on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Professor Durbin or Professor Stuart.

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30 pp., 8½″ × 5½″, 1968, paper covers, 6s. net

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J. M. THOMSON

Rees Jeffreys Research Fellow in the Economics and Administration of Transport at the London School of Economics and Political Science

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Index

Academic Awards, 59–74
Academic Board (Committees), 41–3
Academic and Research Staff, 25–35
Academic Staff by Departments, 36–9
  Part-time Academic Staff, 35
Accommodation, Residential, 271–5
Accounting and Finance:
  B.Sc. (Econ.) Spec. Sub. V, 171–3, 179–80, 190
  Courses in, 315–8
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8
  Prize, 167
  Scholarships, 142–3, 144, 148, 156–7
Actuarial Profession, The, 211
Acworth Scholarship, 156
Address of School, 8
Administrative Staff, 44–6
Admission of Students, 121–9
Admissions Office, Graduate, 8
Admissions Office, Undergraduate, 8
Afsil House, 275
Allyn Young Prize, 165
Anthropology:
  Diploma in, 252–3
  B.Sc., 192–4
  B.Sc. (Econ.) Spec. Sub. XIII, 171–3, 174, 186–7, 190
  Courses in, 453–8
  M.Phil. (Arts) in, 230–2, 235–6, 250
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  Prize, 165, 169
  Studentship, 158
Applied Social Studies:
  Courses in, 480–3
  Diploma in, 221–3
  Prize, 168
  Supervisors to the Course, 483
Applied Statistics, Courses in, 509–12
Area Studies: M.A. in, 248
Arthur Andersen Prize in Accounting, 167
Associate Students, 129, 212
Association of Certified and Corporate Accountants, 210
  Scholarship, 144
Athletic Awards, 75
Athletic Union, 269–70
Awards for Study in the U.K. and Abroad, 164

B.A. Degrees, 192, 199–202, 203–4, 209
B.Sc. Degrees, 192–9, 202–3, 204–9
B.Sc. (Econ.) Degree, 171–190
Bailey, S. H., Scholarship, 146
Bar, The, 211
Bassett Memorial Prize, 167
Beaver, 268
Board of Discipline, *see* Regulations for Students, 130–6
Bowley Prize, 169
British Journal of Industrial Relations, 263, 528
British Journal of Sociology, The, 263, 527
British Library of Political and Economic Science, 258–61
Bryce Memorial Scholarship, 147
Building Committee, 40–1

Building Management Research Unit, 77
Buildings of the School, *end papers*
Bursaries:
  Graduate Students, 157
  Special, 147
Business Studies:
  Manor Trust donations, 156–7
  M.Phil. (Econ.) in Business Administration, 230–2, 235–6, 249–50

Calendar 1969–70, 10–20
Canterbury Hall, 273
Careers, 266–7
Carr-Saunders Hall, 271
  Staff, 46
Central Research Fund, 164
Centre for International Studies, 77–8
Christie Exhibition, 143
Clare, 268
Clothworkers' Company's Exhibitions, 148
Clubs Affiliated to the Athletic Union, 269
College Hall, 273
Commerce, Stern Scholarships in, 148
Committees of the Academic Board, 41–3
Committees of the Court of Governors, 40–1
Commonwealth Hall, 272
Computer Services, 84
Computing:
  B.Sc. (Econ.) Spec. Sub. XI, 171–3, 174, 184–5, 190
  Courses in, 512–13
  Prize, 165–6
  Scholarship in, 142–3
Connaught Hall, 272
Conveners of Departments, 40
Course Requirements, Table of, 125–7
Court of Governors, 21–2
  Committees of, 40–1

Dates of Examinations, 254–5
Dates of Terms, 9
Degrees: First
  Admission to, 121–7
  Awarded, 61–8
  Regulations for, 171–209
Degrees, Higher, 229–51
  Awarded, 68–72
Demography:
  Courses in, 459–62
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 238–9
  Studentship, 158
Department of Education and Science, 144, 157–8
Derby Studentship, 162
Development Administration:
  Courses in, 283–4
  Diploma in, 212–4
Diplomas (School):
  Applied Social Studies, 221–3
  Development Administration, 212–4
  Personnel Management, 219–21
  Social Administration, 214
  Graduate, 215–7
  Non-Graduate, 217–9
  Social Workers in Mental Health, 223–5
  Statistics, 225–7
Diploma (University) in Social Anthropology, 252–3
Director's Essay Prizes, 169
Director's Report, 50–8
Disciplinary Panels, 132–6

Econometrics:
  B.Sc. (Econ.) Spec. Sub. II: Economics and Econometrics, 171–3, 176–7, 190
  Courses in, 291–2, 309
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 240–1
  Prize, 166, 169
  Scholarships, 142–3, 156–7, 158

Economic History:
  B.Sc. (Econ.) Spec. Subs.:
  VII. Mediaeval, 171–3, 174, 181, 190
  VI. Modern, 171–3, 174, 180, 190
  Courses in, 337–43
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 241
  Scholarships, 146
  Studentships, 154–5, 158
Economica, 263, 526
Economics:
  B.Sc. (Econ.) Spec. Sub. I: Analytical and Descriptive, 171–3, 174–5, 190
  Courses in, 286–311
  Fellowship, 159–60
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 239–40
  Prizes, 165, 166, 168, 169
  Research Division, 76, 77
  Scholarships, 142–3, 156–7
  Studentships, 149–50, 158, 159–70
Economists' Bookshop, The 262
Eileen Power Studentship, 155
Ely Devons Prizes, 169
English:
  Courses in, 370–1
Entrance Scholarships, 141–5
Entrance Scholarships for Mathematicians, 142–3
Examination Fees (Higher Degrees) 139
Examinations:
  Closing date for entries, 254–5
  Dates of Examinations, 254–5
Exhibitions, *see* Scholarships, Studentships, Exhibitions and Bursaries

Fees, 137–40
First Degrees:
  Admission to, 121–7
  Regulations for, 171–209
Firth Award, 169
Flats for Married Graduate Students, 275
Free Press Prize, 167–8
French:
  Courses in, 366–7
Friends of the London School of Economics, 277

General Course Students, 128
General Introductory Courses, 280
General Purposes Committee, 41–2
Geographical and Anthropological Research Division, 76
Geography:
  B.Sc. in, 194–9
  B.Sc. (Econ.) Spec. Sub. XV, 171–3, 174, 187–9, 190
  Courses in, 321–34
  M.Phil. (Arts) in, 230–2, 235–6, 250
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 241–2
  Prizes, 165, 166–7
  Studentship, 157–8
Geoids Book Prize, 167
German:
  Courses in, 368–9
Gerstenberg Studentship, 162
Gladstone Memorial Prize, 168
Gonner Prize, 166
Gourgey Essay Prize, 170
Government:
  B.Sc. (Econ.) Spec. Sub. VIII, 171–3, 174, 181–2, 190
  Courses in, 423–36
  Prizes, 165, 167
  Research Division, 76
  Scholarships, 146, 148–9
Governors, Court of, 21–2
Graduate:
  Bursaries, 157
  Scholarships and Studentships, 149–64
Graduate School, 228–53
  Committee, 42
  Office, 8

*Index*

Graduate Students' Association, 270
Graduate Studentships, 150
Graduate Studentships in Economics, 149–50
Graduate Studentships in International Studies, 153–4
Graham Wallas Memorial Scholarship, 148–9
Greater London Group, 78–9
Greek Shipowners' Studentships for Graduate Students, 152–3

Halls of Residence, 271–5
Harold Laski Scholarship, 146
Harriet Bartlett Prize, 168
Health Service, Student, 265
  Staff, 46
Higher Degrees, Regulations, 229–252
Higher Education Research Unit, 79–80
History:
  B.A., 199–200
  Courses in, 352–3
  M.Phil. (Arts) in, 230–2, 235–6, 250
  Prizes, 165, 168
  Research Fellowships, 163
  Scholarships, 147
  Studentships, 157–8, 160–1, 163
History of the School, 48–9
Hobhouse Memorial Prize, 167
Honorary Fellows, 23–4
  Regulations as to, 257
Honorary Lecturers, 35
Hughes Parry Prize, 165
Hutchins Studentship for Women, 154–5

Industrial Relations, British Journal of, 263, 528
Industrial Relations:
  Courses in, 357–60
  M.Phil. (Econ.), 230–2, 235–6, 249–50
  M.Sc., 230–2, 235–8, 242
  Studentships, 156–7, 158
Industry and Trade:
  B.Sc. (Econ.), Spec. Sub. IV, 171–3, 178–9
  Courses in, 292–4, 303–4
  Prize in, 166
  Scholarship in, 148
Institute of Chartered Accountants, 210
Institute of Commonwealth Studies Junior Research Fellowships, 160–1
Institute of Cost and Works Accountants, 210–11
Institute of Municipal Treasurers and Accountants, 211
International Hall, 272
International History:
  B.Sc. (Econ.) Spec. Sub. XIV, 171–3, 174, 187, 190
  Courses in, 344–51
  M.A. in, 230–2, 235–6, 248
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 242
International Law:
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  Scholarship in, 147
International Relations:
  B.Sc. (Econ.) Spec. Sub. XII, 171–3, 174, 185–6, 190
  Courses in, 437-47
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 242–3
  Studentships in, 153–4, 158
International Students House, 273
International Studies:
  Graduate Studentships in, 153–4
  Research Division, 76
  S. H. Bailey, Scholarship in, 146
Italian:
  Courses in, 369

Jackson Lewis Scholarship, 152
Janet Beveridge Award, 168
Journal of Transport Economics and Policy, 263, 529

534

*Index*

Language Studies:
  First degrees in:
  French and Linguistics, 200–1
  German and Linguistics, 200, 201
  Two Modern Languages, 200, 201
  Courses in, 364–71
  Prize, 165
  Studentship, 157–8
Laws:
  Courses in, 375–411
  M.Phil. in, 230–2, 235–6, 250
  Prizes, 165
  Scholarships, 147
  Studentships, 157–8
LL.B. Degree, 190–2
LL.M. Degree, 230–2, 235–6, 250–2
Legal Research Division, 76
Leon Fellowship, 159–60
Leverhulme Adult Scholarship, 141–2
Leverhulme Graduate Entrance Studentship for Overseas Students, 151
Leverhulme Library, 77
Leverhulme Research Studentships, 150–1
Leverhulme Research Studentship for Overseas Students, 151–2
Library:
  Committee, 41
  School Library, 258–61
  Staff, 47
  University Library, 262
Lilian Knowles Scholarship, 146
Lillian Penson Hall, 275
Linguistics, Courses in, 365–6
Linguistics, and One Modern Language, B.A. degrees in, 200–1
Local Authority Awards, 144
Location of the School, *end papers*
Loch Exhibitions, 143–4
Lodgings Bureau, 271
Logic and Scientific Method, M.Sc. Courses in, 230–2, 235–8, 244
London House, 274
London School of Economics Society, 276
L.S.E. Books, 525

M.A. Degree:
  Area Studies, 248
  International History, 230–2, 235–6, 248
Mactaggart Scholarship, The C. S., 145
Madge Waley Joseph Scholarship, 163
Management Studies Research Division, 80
Manor Trust, 156–7
Mathematics:
  B.Sc. in, 202–3
  Courses in, 503–6
  Prize, 165
Mathematicians, Entrance Scholarships for, 142–3
Mature Students, State Scholarships for, 144
Medals and Prizes, 165–70
  Awarded, 60–1
Medical Research Council Unit, 80–1
Mental Health:
  Courses for Social Workers in, 476–80
  Diploma for Social Workers in, 223–5
  Field Work Supervisors, 480
  Prize, 168
  Scholarships, 144
Metcalfe Scholarship, 148
Metcalfe Studentship, 159
Monetary Economics:
  B.Sc. (Econ.) Spec. Sub. III, 171–3, 177–8, 190
  Courses in, 295–6, 303
  Prize, 166, 167
  Scholarships, 148
Montague Burton Studentships in International Relations, 153
Mostyn Lloyd Memorial Prize, 168
M.Phil. Degree:
  Faculty of Economics, 230–2, 235–6, 249–50
  Faculties of Arts and Laws, 230–2, 235–6, 250
M.Sc. Degree, 236–48

535

Noel Buxton Studentship in International Relations, 154
Nutford House, 274

Occasional Students, 121, 128–9
Office hours, 8
Operational Research:
  Courses in, 514–5, 519–23
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 243–4
  Studentships, 156–7, 158–9
  Unit, 77
Ormsby (George and Hilda) Prizes, 166
Overseas Students, Additional Information for, 123–4
  Fees, 137, 138, 139–40

Passfield Hall, 271
  Staff, 46
Personnel Management:
  Courses in, 475–6
  Diploma in, 219–21
Ph.D. Degree, 230–5
Philosophy:
  B.Sc. (Econ.) Spec. Sub. XVI, 171–3, 174, 189–90
  M.Phil. (Arts) in, 230–2, 235–6, 250
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  Studentship, 157–8
Philosophy, Logic and Scientific Method, Courses in, 415–20
Philosophy and Economics:
  B.A., 203–4
  Prize, 165
Phonetics, 381
Planning Studies:
  M.Sc. in, 230–2, 235–8, 244–5
  Studentship in, 158
Politics:
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 245
  Prize, 168
  Studentship, 158
Population Investigation Committee, 81–2
Population Studies, 263
Premchand Prize, 167
Prizes, 165–70
Professional Training, Advantages and Concessions to Holders of First Degrees, 210–11
Psychology:
  B.Sc., 204–6
  Courses in, 463–6
  M.Phil. (Arts), 230–2, 235–6, 250
  M.Phil. (Econ.), 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 246
  Prize, 165
  Scholarship, 148–9
  Studentship, 158
Publications Committee, 43
Publications, Official, 8
Publications of the School, 263–4
Publications of Staff, 85–112
  Official Reports signed by Members of Staff, 113

Raynes Undergraduate Prize, 165
Ree Jeffreys Studentship, 155-6
Registry, 8
Regular Students, 121
Regulations as to Honorary Fellows, 257
Regulations for:
  Diploma, University, 252–3
  Diplomas, School, 212–227
  First Degrees, 171–209
  Higher Degrees, 229–51
Regulations for Students, 130–6
Report by the Director, 1967–68, 50–8
Research, 76–84
Research Divisions, 76–7
Research Fellowships in History, 163
Research Fund, Central, 164
Research Staff, *see* Academic and Research Staff, 25–35
Research Students not working for a degree (Research Fee), 139, 228, 230
Residential Accommodation, 271–5

Roseberry Prizes, 169
Roseberry Studentship, 156
Rules and Regulations Committee, 130
Russian:
  Courses in, 370

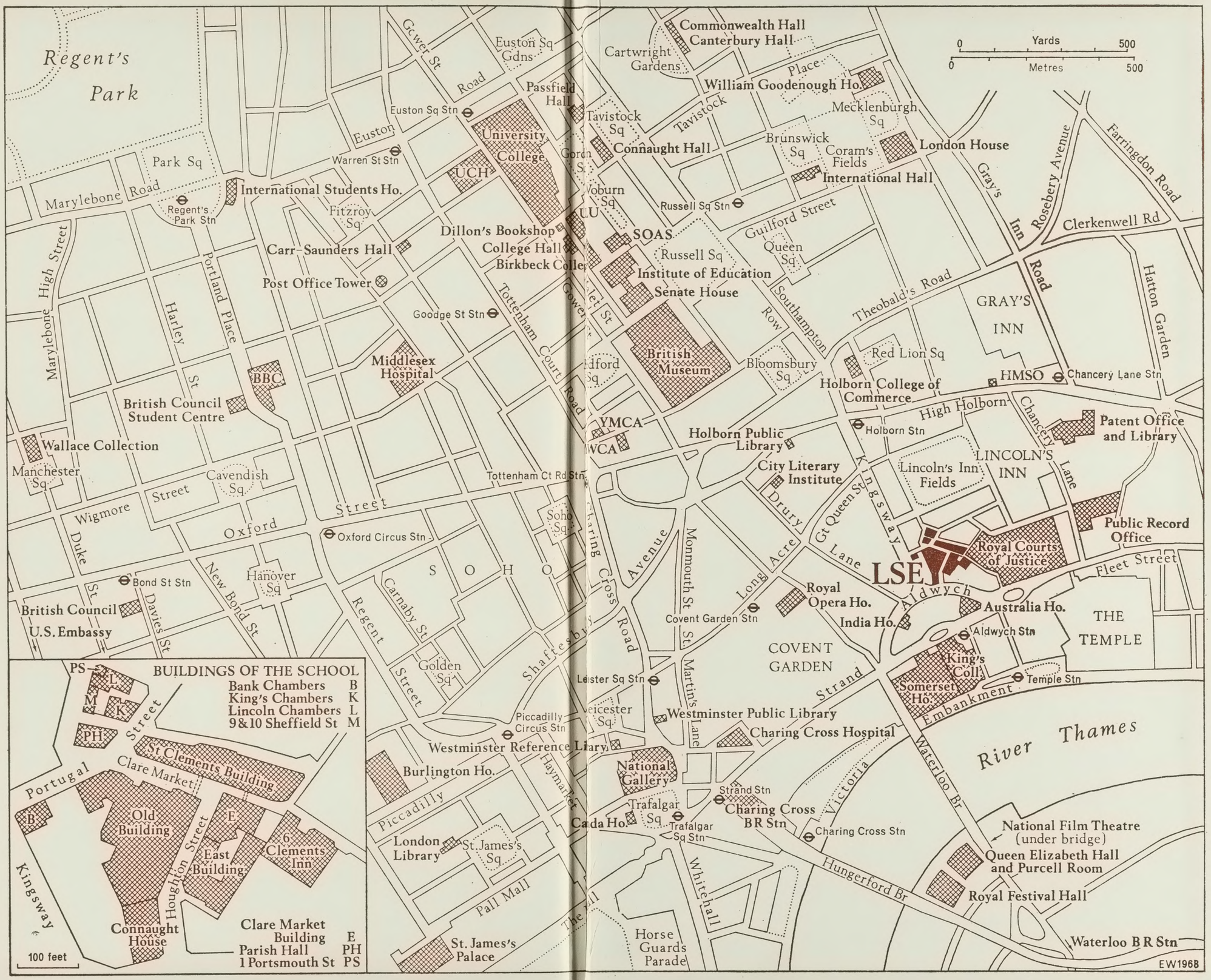
Scholarships and Studentships Awarded, 59–60
Scholarships, Studentships, Exhibitions and Bursaries, 141–64
Scholarships and Prizes Committee, 42
School:
  Address of, 8
  Buildings of (Map), *end papers*
  History of, 48–9
  Location of (Map), *end papers*
School Prizes, 165
Science Research Council Advanced Course and Research Studentships, 158–9
Social Anthropology, *see* Anthropology
Social Psychology, *see* Psychology
Social Research Division, 76
Social Science and Administration:
  Courses in, 467–475
  Diplomas in Social Administration:
    Graduate, 214–17
    Non-graduate, 214, 217–9
  Exhibitions, 143–4
  M.Phil. (Econ.) in Social Administration, 230–2, 235–6, 249–50
  M.Sc. in Social Administration and Social Work Studies, 230–2, 235–8, 245–6
  Prize, 168
  Scholarships, 158, 163
Social Science Research Council Advanced Course and Research Studentships, 158
Sociology:
  B.A., 209
  B.Sc., 206–9
  B.Sc. (Econ.) Spec. Sub. IX, 171–3, 174, 182, 190
  Courses in, 484–99
  M.Phil. (Arts) in, 230–2, 235–6, 250
Sociology–*Continued*
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 246–7
  Prizes, 165, 167–8
  Scholarship, 148–9
  Studentship, 158
Sociology, The British Journal of, 263, 527
Solicitor, The Profession of, 211
Spanish:
  Courses in, 367–8
Staff:
  Academic and Research, 25–35
  Academic, by Departments, 36–9
  Administrative, 44–6
  Library, 47
  Part-time, 35
Standing Committee, 40
State Scholarships for Mature Students, 144
State Studentships, 157–8
Statistical Theory and Method:
  Courses in, 506–9
Statistics:
  B.Sc. (Econ.) Spec. Sub. X, 171–3, 174, 182–3, 190
  Courses in, 503–23
  Diploma in, 225–7
  M.Phil. (Econ.) in, 230–2, 235–6, 249–50
  M.Sc. in, 230–2, 235–8, 247–8
  Prizes, 165, 165–6, 169
  Scholarships, 142–3, 158–9
Statitics Research Division, 76, 77
Statistics of Students, 114–9
Stern Scholarships, 148
Students' Union, 268–9
Studentships, *see under* Scholarships, Studentships, Exhibitions and Bursaries
Summary Tribunal, 131–6
Survey Research Centre, 82–3

Table of Degree Courses and Course Requirements, 125–7
Terms, Dates of, 9

Timetabling Office, 8
Trade Union Studies:
  Course in, 256
  Courses in, 357–60
  Prizes, 167, 170
  Scholarships, 145
Transport:
  Courses in, 297, 303
  Prizes, 168
  Scholarships, 156
  Studentship, 155–6
  see also Geography
Transport Economics and Policy, Journal of, 263, 529
Travelling Studentships, University Postgraduate, 162

Undergraduate Scholarships, 145, 145–9
Unit in Operational Research, 77
University Central Council on Admissions, 121–2
University Entrance Requirements, 122–3
University Library, 262
University Postgraduate Studentships, 161
University Postgraduate Travelling Studentships, 162
University Registration of Students, 129

William Farr Prize, 165–6
William Goodenough House, 274
William Lincoln Shelley Studentship, 162
Wooldridge, S. W.:
  Memorial Awards, 166
  Geoids Book Prize, 167



BUILDINGS OF THE SCHOOL

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