



LSE / UNREGISTERED

27/5/8

J. E. Cooper - Hannan

Since the Calendar went to press the following new appointments have been made to the Administrative Staff (see Page 41):

Academic Secretary:
J. Alcock, B.A. (formerly Registrar)

Financial Secretary:
J. Pike, M.A.

These two appointments are in place of the former post of **Secretary**.



The London School of Economics
and Political Science

A School of the University of London

Calendar 1967-68

The London School of Economics & Political Science London W.C.2

Contents

Page
267
268
272
273

279
283
311
317

333
338
345
349
353
356
365
405

415
426

443
450
453
457
466
466
471
475

491
493
497
500
503

513
515

3

Table of Contents

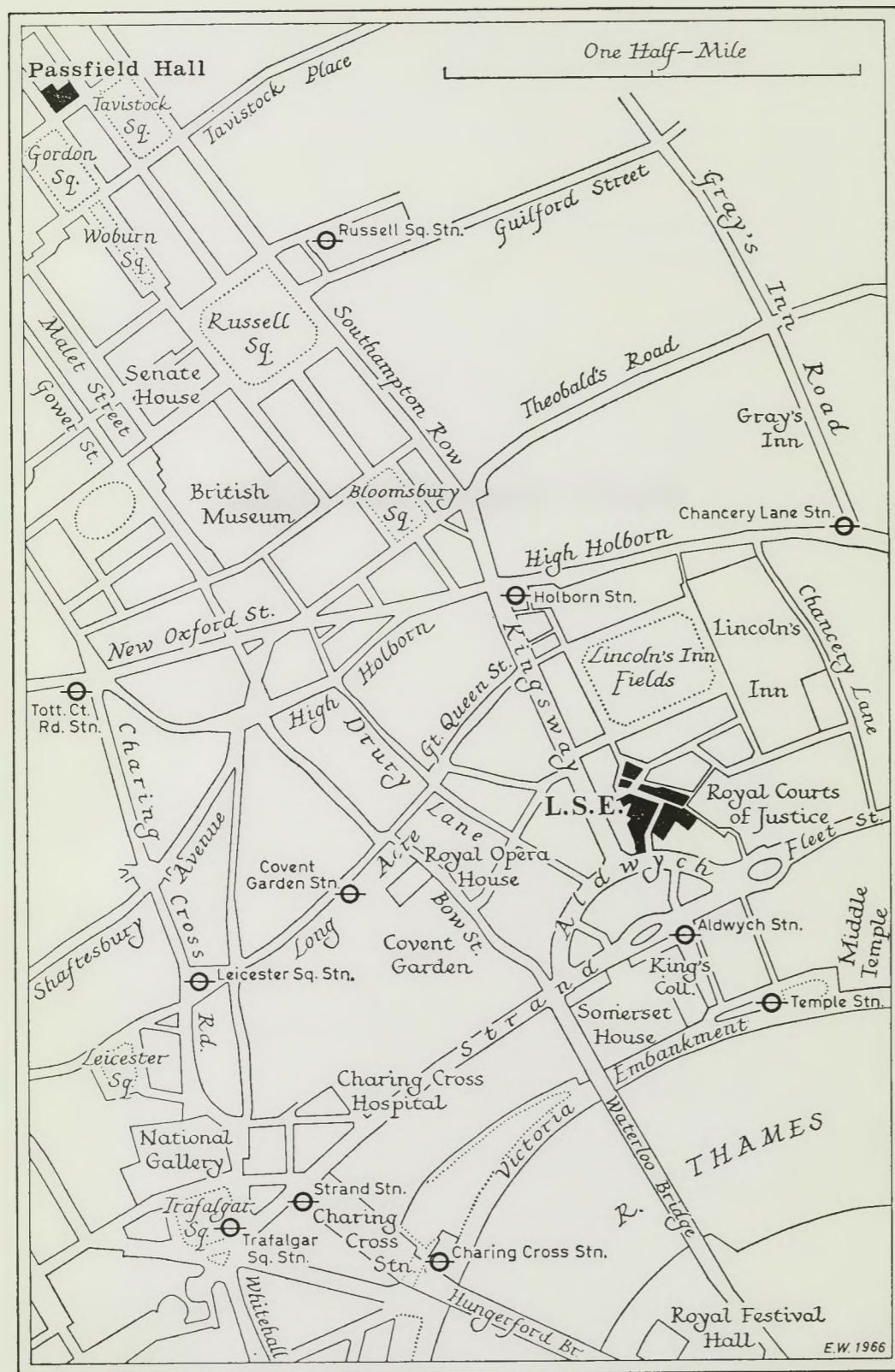
	Page
Part I	
Location of the School (Map)	6
Buildings of the School (Map)	7
General Information	8
Dates of Terms 1967-68	9
Calendar 1967-68	10
The Court of Governors	20
Honorary Fellows	22
Academic and Research Staff	24
Part-time Academic Staff	33
Academic Staff by Departments	34
Conveners of Departments	38
Committees of the Court of Governors	38
Committees of the Academic Board	39
Administrative Staff	41
Library Staff	44
History of the School	45
Report by the Director on the Session 1965-66	49
Annual Accounts 1965-66	63
Academic Awards	83
Athletic Awards	97
Research	98
Publications by Members of the Staff	107
Statistics of Students	127
Part II	
Admission of Students	135
Regulations for Students	141
Fees	144
Scholarships, Studentships, Exhibitions and Bursaries	148
Medals and Prizes	172
First Degree Courses	177
Advantages and Concessions in Professional Training	209
Regulations for Diplomas awarded by the School	212
The Graduate School and Regulations for Higher Degrees	226
The Academic Postgraduate Diploma in Social Anthropology	249
Dates of Examinations	251
Trade Union Studies Course	253
Regulations as to Honorary Fellows	254
The British Library of Political and Economic Science	255
The University Library	259
The Economists' Bookshop	261
Student Health Service	262
Careers	263
The Students' and Athletic Unions	265

Table of Contents

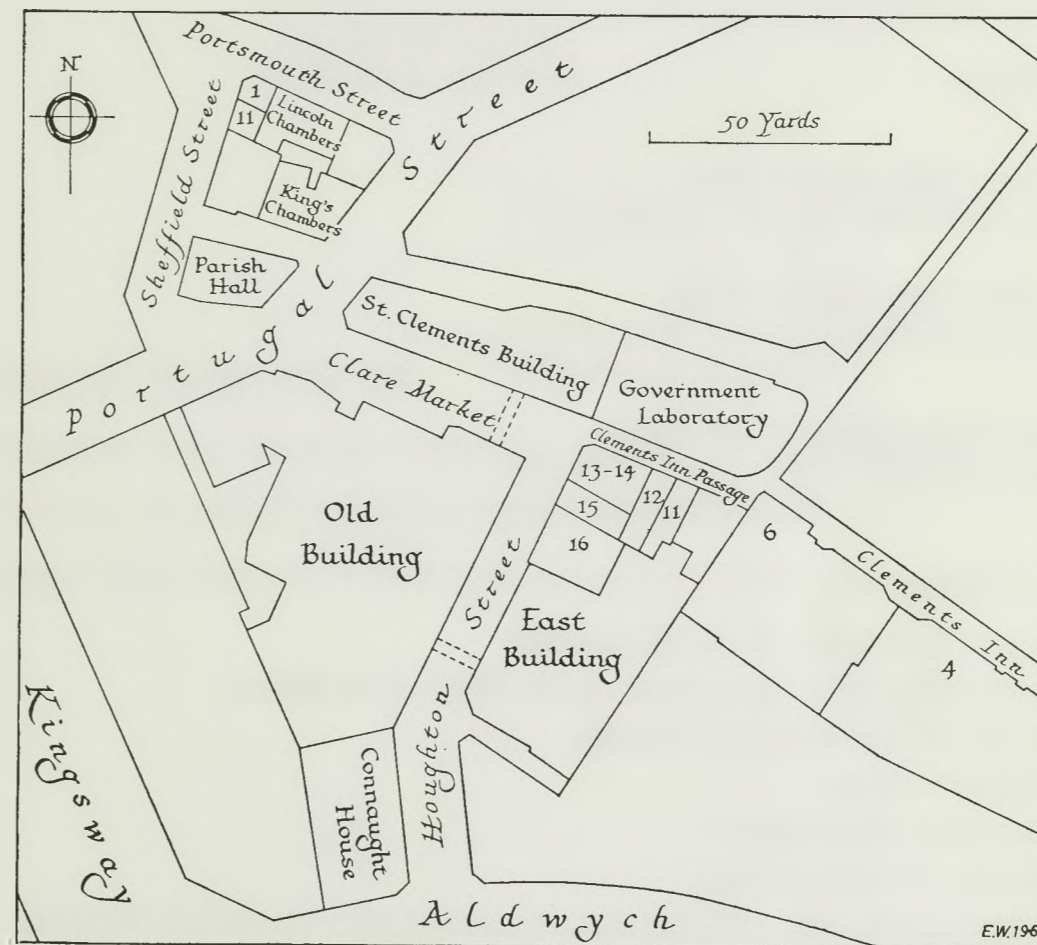
	Page
Graduate Students' Association	267
Residential Accommodation	268
The London School of Economics Society	272
Friends of the London School of Economics	273
Part III	
Lectures, Classes and Seminars:	
Development Administration	279
Economics	283
Accounting and Finance	311
Geography	317
History:	
(a) Economic History	333
(b) International History	338
(c) General and Special Courses for B.A. Honours in History	345
Industrial Relations	349
International Studies	353
Language Studies	356
Law	365
Philosophy, Logic and Scientific Method	405
Political Studies:	
(a) International Relations	415
(b) Politics and Public Administration	426
Sociological Studies:	
(a) Anthropology	443
(b) Demography	450
(c) Psychology	453
(d) Social Science and Administration	457
Diploma in Personnel Management	466
Diploma for Social Workers in Mental Health	466
Diploma in Applied Social Studies	471
(e) Sociology	475
Statistics, Mathematics, Computing and Operational Research:	
(a) Mathematics	491
(b) Statistical Theory and Method	493
(c) Applied Statistics	497
(d) Computing and Operational Research	500
(e) Graduate Courses	503
Part IV	
School Publications	513
Index	515

Part I : General Information

LOCATION OF THE SCHOOL



BUILDINGS OF THE SCHOOL



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)

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.

Admissions Office (Room H301)

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

Timetabling Office (Room H306)

Monday to Friday: 11.30 a.m. to 12.30 p.m.
2.30 p.m. to 3.30 p.m.

Graduate School Office (Room H203)

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

Official Publications:

Calendar of the School, £1 1s. 0d. post free

The 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

Professional Social Work Courses

Trade Union Studies

Graduate Studies in International Relations

Catalogue of Publications

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

Dates of Terms 1967-68

Michaelmas Term: Monday, 2 October to Tuesday, 12 December 1967

Lent Term: Monday, 8 January to Friday, 15 March 1968

Summer Term: Monday, 22 April to Friday, 28 June 1968

Calendar 1967-68

(University functions in italics)

October 1967

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

Calendar 1967-68

November 1967

1	W	Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
2	Th	
3	F	
4	S	
5	S	
6	M	Meeting of Professors of Economics, 3 p.m. Building Committee, 5 p.m.
7	Tu	
8	W	Library Committee, 2 p.m.
9	Th	
10	F	
11	S	
12	S	
13	M	
14	Tu	Standing Committee, 5 p.m.
15	W	Scholarships and Prizes Committee, 11.30 a.m. General Purposes Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	Admissions Committee, 10 a.m.
22	W	Graduate School Committee, 2.30 p.m. Research Committee, 4.30 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	
29	W	Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
30	Th	

Calendar 1967-68

December 1967

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

Calendar 1967-68

January 1968

1	M	School buildings re-open at 9.30 a.m.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	School Lent Term begins
9	Tu	Admissions Committee, 10 a.m. Meeting of Professors of Economics, 11 a.m.
10	W	University Lent Term begins
11	Th	
12	F	
13	S	
14	S	
15	M	
16	Tu	Standing Committee, 5 p.m.
17	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
18	Th	
19	F	
20	S	
21	S	
22	M	
23	Tu	
24	W	General Purposes Committee, 2 p.m.
25	Th	
26	F	
27	S	
28	S	
29	M	
30	Tu	
31	W	Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m. Appointments Committee, 5.30 p.m.

Calendar 1967-68

February 1968

1	Th	
2	F	
3	S	
4	S	
5	M	
6	Tu	
7	W	Academic Board, 2 p.m.
8	Th	
9	F	
10	S	
11	S	
12	M	Meeting of Professors of Economics, 3 p.m. Building Committee, 5 p.m.
13	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m.
14	W	Scholarships and Prizes Committee, 11.30 a.m. Library Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	Investments Committee, 5 p.m.
21	W	General Purposes Committee, 2 p.m. Graduate School Committee, 2.30 p.m.
22	Th	
23	F	
24	S	
25	S	
26	M	
27	Tu	Publications Committee, 11 a.m.
28	W	Standing Sub-Committee of the Appointments Committee (all day)
29	Th	

Calendar 1967-68

March 1968

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

Calendar 1967-68

April 1968

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

Calendar 1967-68

May 1968

1	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
2	Th	
3	F	
4	S	
5	S	
6	M	Building Committee, 5 p.m.
7	Tu	Admissions Committee, 10 a.m. Graduands' Dinner
8	W	Presentation Day. General Purposes Committee, 2 p.m.
9	Th	
10	F	
11	S	
12	S	
13	M	
14	Tu	Research Committee, 4.30 p.m.
15	W	Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m.
16	Th	
17	F	
18	S	
19	S	
20	M	Meeting of Professors of Economics, 3 p.m.
21	Tu	
22	W	Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	Standing Committee, 5 p.m.
29	W	Library Committee, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.
30	Th	
31	F	

Calendar 1967-68

June 1968

1	S	
2	S	Whit Sunday
3	M	Whit Monday
4	Tu	
5	W	Scholarships and Prizes Committee, 11.30 a.m. General Purposes Committee, 2 p.m.
6	Th	
7	F	
8	S	
9	S	
10	M	Building Committee, 5 p.m.
11	Tu	Publications Committee, 11 a.m.
12	W	Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m.
13	Th	Court of Governors, 5 p.m.
14	F	
15	S	
16	S	
17	M	
18	Tu	Investments Committee, 5 p.m.
19	W	Conference Grants Sub-Committee, 12 noon. Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
20	Th	
21	F	
22	S	
23	S	
24	M	Meeting of Professors of Economics, 3 p.m.
25	Tu	
26	W	Graduate School Committee, 2.30 p.m.
27	Th	
28	F	School Summer Terms ends
29	S	
30	S	

Calendar 1967-68

July 1968

1	M	
2	Tu	Standing Committee, 5 p.m.
3	W	University Summer Term ends
4	Th	
5	F	
6	S	
7	S	
8	M	Building Committee, 5 p.m.
9	Tu	
10	W	
11	Th	
12	F	
13	S	
14	S	
15	M	
16	Tu	
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	
30	Tu	
31	W	

The Court of Governors

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A. E. C. Drake, C.B.E., M.A., F.C.A.

¹Representing the London County Council.

²Representing the Senate of the University of London.

³Representing the London School of Economics Society.

⁴Representing the Academic Board.

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D.C.L., Archbishop of Canterbury

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D.C.L., P.C.

¹Representing the Academic Board.

²Representing the London County Council.

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F.R.I.B.A.
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Bundesrepublik
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Lady Simon of Wythenshawe, B.A.

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The Right Hon. G. Woodcock, C.B.E., M.A., LL.D.
Dame Eileen Younghusband, D.B.E., LL.D., J.P.

Academic and Research Staff

The Director

- B. Abel-Smith, M.A., PH.D. (CANTAB.); Professor of Social Administration.
Margaret Agar, B.A., D.PHIL. (OXON.); Research Officer, Unit for Economic and Statistical Studies on Higher Education.
Olga L. Aikin, LL.B.; Lecturer in Law.
Jean M. Aitchison, M.A. (CANTAB.), A.M. (RADCLIFFE); Lecturer in Linguistics.
R. F. G. Alford, B.SC.ECON.; Cassel Reader in Economics.
Sir Roy Allen, C.B.E., M.A. (CANTAB.), D.SC.ECON., F.B.A.; Professor of Statistics.
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M. H. Banks, B.SC.ECON., M.A. (LEHIGH); Lecturer in International Relations.
A. J. L. Barnes, M.A. (CANTAB.); Lecturer in Political Science.
N. Bateson, B.A. (OXON.); Lecturer in Psychology.
P. T. Bauer, M.A. (CANTAB.); Professor of Economics with special reference to Underdeveloped Countries and Economic Development.
W. T. Baxter, B.COM. (EDINBURGH), C.A.; Professor of Accounting; Chairman of the Admissions Committee.
A. J. Beattie, B.SC.ECON.; Lecturer in Political Science.
Coral M. Bell, B.A. (SYDNEY), M.SC.(ECON.), PH.D.; Reader in International Relations.
Leslie H. Bell, M.A.; Lecturer in Social Science.
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History of the School

Early years

Towards the end of the nineteenth century there was, in the universities of the United Kingdom, serious dissatisfaction with the provision for the study and teaching of the social sciences. It was to Sidney Webb (later Lord Passfield) that there first came an opportunity to remedy the deficiency.

In August 1894 Sidney Webb learnt that in the will of Henry Hunt Hutchinson, a former Clerk to the Derby Justices and a member of the Fabian Society, he had been appointed executor and one of five trustees instructed to spend the residue of the estate (amounting to £10,000) within ten years. It was decided to spend part of the money on the establishment of a school of economics. A committee was formed, rooms were taken at 9 John Street, Adelphi, and Mr. W. A. S. Hewins was chosen as the first Director, a position which he held until 1903, when he was succeeded by Mr. Halford Mackinder (later Sir Halford Mackinder).

The School assumed many features in its early days which have remained characteristic of it. It was planned to attract students of more mature age than were normally found at a university, and especially men and women in active employment in administration, or in the world of business. Hence from the first the occasional student was an integral and important member of the School. Again, it was founded as a centre for research and could proudly boast within five years of its foundation that it was "one of the largest centres in the United Kingdom for post-graduate study". Finally, numbering in its first session seventy-five women amongst its three hundred students, it was from its inception open equally to both sexes.

The first session opened in October 1895 with twelve courses of evening lectures and a proposed three-year course in economics, economic history and statistics. Until the Passmore Edwards Hall was built, most of these lectures were given at the rooms of the London Chamber of Commerce in Eastcheap, or at the Hall of the Royal Society of Arts. The students enrolled for the first session proved too numerous for the accommodation at 9 John Street, and the School accordingly moved in 1896 to 10 Adelphi Terrace, where there was room not only for the increasing numbers, but also for the School's library—the British Library of Political and Economic Science—which opened in November of the same year.

With the establishment of a Faculty of Economics and Political Science in the reorganised University of London, the School was recognised in 1900 as a School of the University, and its three-year course became the basis of the new B.Sc. (Economics) degree. The result of this development was to double the number of students and, with the aid of money partly given by Mr. Passmore Edwards and partly raised by subscription, the first of the School's new buildings—the Passmore Edwards Hall—was erected in 1902 on a site allocated by the London County Council in Clare Market. At the same time the School received a formal constitution by its incorporation as a limited company not trading for profit, with Mr. Sidney Webb as Chairman of the Governors.

Under the directorship of Sir Halford Mackinder (1903–08) and of the Hon. W. Pember Reeves (1908–19) the School developed steadily. The scope of teaching widened with the establishment of a lectureship in Sociology in 1904 and with the creation, eight years later, of a Department of Social Science and Administration.

History of the School

The growing reputation of the School as a centre of research attracted graduates not only from the United Kingdom, but from universities in all parts of the world.

1914-39

In 1913 a report rendered to the University stated that the School's building was seriously overcrowded, and expressed the opinion that "a great effort should be made to provide accommodation of an adequate character for a School which has been so signally successful, and in which the main teaching in the Faculty of Economics of the greatest commercial city of the world should be given".

No expansion of the premises was possible during the first world war, and the institution in 1919 of the new Commerce Degree, for which the School became the centre of teaching in London, added to the influx of ex-service students, greatly increased the overcrowding. Grants from the London County Council and from the City Appeals Committee enabled plans for a building extension to be embarked upon, and in 1920 King George V laid the foundation stone of the present "Old Building". At the same time funds provided by the Sir Ernest Cassel Trustees permitted a very necessary increase in the academic staff. In 1921 the School acquired its sports ground at Malden.

In 1921, in addition to being recognised in the Faculty of Economics, the School became a recognised School of the University in the Faculty of Laws, in 1922 in the Faculty of Arts for Geography and Sociology, and in 1924 for History and Anthropology. This continued growth necessitated further expansion, and in 1925 the London County Council acquired a number of houses in Houghton Street for further extensions to the School. A new building along Houghton Street and two additional storeys upon the roof of the 1920 building were begun in 1927 and were opened in the presence of the Prince of Wales in June 1928. In 1931-32 the first section of a new building on the east side of Houghton Street was erected, containing lecture-rooms and tutorial accommodation. During the same session a munificent gift from the Rockefeller Foundation enabled a complete reconstruction and expansion of the accommodation for the Library to be begun, including the reconstruction of the greater part of the Passmore Edwards Hall and the demolition and rebuilding of the large corner block purchased from the St. Clements Press in 1929. This work was completed in the session 1933-34. In 1935 the School acquired the former Smith Memorial Hall, which adjoins its oldest part. The second section of the new buildings on the east side of Houghton Street was erected on the site of the Holborn Estate Grammar School and of a number of shops and houses. This section contains, in addition to teaching rooms, a gymnasium and a squash court.

With this increase in size went a further widening of the scope both of the School's teaching and of its research. New chairs were created in English Law, International History, International Relations, International Law and Economic History. In 1929 a course for social workers in Mental Health was established and in 1930 a Department of Business Administration. Throughout these years there was a vigorous output of publications by the School's teachers and research students. Part of their work appeared in the journal *Economica*, established in 1921 and covering the field of economics, economic history and statistics, as well as in its sister journal *Politica*, which appeared in 1934 but ceased publication during the second world war. Within the sphere of law, between 1930 and 1940, the School

History of the School

prepared the *Annual Survey of English Law* and *The Annual Digest of Public International Law Cases*, covering the years from 1919.

These two decades of continuous growth took place under the leadership of Sir William Beveridge (later Lord Beveridge), who became Director in 1919. In 1937 he was succeeded by Sir Alexander Carr-Saunders, under whom the School underwent its second experience of world war, this time away from London.

Post-War Developments

In September 1945, having completed its fiftieth session, the School returned to London from Cambridge where, through the generosity of the Master and Fellows of Peterhouse, it had been housed during the war. Most of its pre-war functions were resumed and there was great expansion in many new directions. Special courses were introduced in Trade Union Studies, Personnel Management, Child Care, and for Overseas Service Officers. New and additional chairs were established in Accounting, Anthropology, Economics, Social Geography, Public Law, Public Administration, Social Administration and Sociology, together with a number of new readerships, lectureships and assistant lectureships in various subjects.

In December 1956 Sir Alexander Carr-Saunders retired and was succeeded by Sir Sydney Caine.

In 1960 new diplomas in Operational Research and in Economic and Social Administration (now re-named "Development Administration") were instituted.

Physical expansion of the School has been rendered imperative by the increasing numbers of students and staff. Some reduction of overcrowding was achieved by leasing premises in the neighbourhood of the School, by building new rooms on the flat roofs of the buildings on each side of Houghton Street, and by filling in gaps in existing buildings. In January 1960 work was begun on adapting for School use the building in Clare Market formerly occupied by the St. Clements Press Ltd., to provide the first really substantial improvement in accommodation since 1938, and the building was occupied in October 1961. In 1960 the School also acquired for future development the freehold of part of an island site to the north west of the St. Clements Building. In 1964 the School acquired the premises of the Government Chemist adjoining the St. Clements Building and a short lease of the greater part of 5-6 Clements Inn. Work has now begun on re-development over the site now occupied by the old houses on the east side of Houghton Street and in Clements Inn Passage, and the Government Laboratory to provide two new buildings which should be completed during 1969. Between the completion of that work and the time when the other sites can be re-developed, alterations are being carried out in existing buildings in order to expand services which are badly handicapped by lack of space. In 1965 we were fortunate in acquiring the lease of Connaught House, which adjoins the main building and stands on the corner of Houghton Street and Aldwych. This has gone a long way towards relieving our immediate difficulties.

Not only has there been an increase in the accommodation available to the School since the close of the second world war, but the technical equipment required by students in certain fields of study has also been made increasingly available. In the St. Clements Building greatly improved facilities have been provided for the Geography Department, the Statistics Department and for the teaching of Psychology. An I.B.M. 1440 computer has been acquired for use in teaching and research.

History of the School

Since the war the School has attempted to provide residential accommodation for a proportion of the rapidly expanding student body. In 1946 a series of houses in Cartwright Gardens was acquired and converted to serve as a hall of residence for men and later named Passfield House in memory of Lord Passfield (Sidney Webb). When these premises had to be vacated in 1948 the School obtained possession of an hotel in Endsleigh Gardens, also in Bloomsbury, which was opened as a hostel in 1949; additions were subsequently made as adjoining houses became vacant. With the approval of both staff and students it was agreed to name the new hostel Passfield Hall. In April 1967 work was completed on a new hall for men in Fitzroy Street, made possible by the most generous gift of an anonymous benefactor. It is called Carr-Saunders Hall in recognition of the services to the School of Sir Alexander Carr-Saunders. In 1962 the School opened a number of flats for married graduate students at Anson Road, N.7. Further accommodation has been added and the number of flats available is now twenty.

A Student Health Service was begun in 1952 with the appointment of Dr. J. C. Read as Psychiatric Adviser, at first on a part-time basis and later as a full-time member of the staff of the School. In 1963 Dr. H. N. Levitt was appointed as part-time Health Service Officer to provide a more general medical service. In 1967 a dentist began to function within the Service in a new surgery opened in Connaught House.

Report by the Director on the Work of the School during the Session 1965-66

The session 1965-66 has been in the main one of implementation of plans resulting from earlier discussions of general policy and continued working out of the details of changes or developments already in prospect, rather than a period of new initiatives. The expansion of numbers of students and staff has continued within the financial limitations indicated in the report of the previous session. Certain measures for the expansion of the School's physical accommodation also mentioned in that report have been carried into effect and plans for further physical extension in the future have been carried a good deal further. Plans for the devolution of authority in academic matters within the University of London to individual schools and colleges have also been taken further, although it cannot be said that we are yet quite at the end of discussion of relationships between the University and its constituent members. One new area of discussion has emerged during the session, i.e. a complex of problems involving the relationships between students and the teaching staff and administration of the School and I deal with this in more detail in a later part of the report.

Expansion of Numbers

As provisionally indicated in the report for 1964-65 the target figure of total registrations of full-time students was not quite attained in that session owing to an unexpected shortfall in graduate registrations. The final figures as reported to the University Grants Committee and compared with the targets previously agreed were as follows:

	<i>Target for 1965-66</i>	<i>Actual Registrations</i>
First degree and first diploma	1,609	1,649
Higher degree, higher diploma and research	1,060	941
Total	<u>2,669</u>	<u>2,590</u>

As to further expansion we aimed initially at the revised targets indicated in last year's report, i.e. a total increase in 1966-67 over 1965-66 of about 100, but the indications at the end of the Long Vacation of 1966 were that we should, as a result of a lower percentage of withdrawals and other factors, substantially exceed the revised targets both at the undergraduate and at the graduate level.

The expected figures (subject to considerable uncertainty on the graduate side) were:

	<i>Target for 1966-67</i>	<i>Expected Registrations</i>
First degree and first diploma	1,667	1,785
Higher degree, higher diploma and research	1,134	1,133
Total	<u>2,801</u>	<u>2,918</u>

Appropriate increases of teaching staff were agreed upon and in most departments it has proved possible to fill the planned new posts as well as vacancies arising from resignations and retirements. For 1967-68 and in later years we continue to envisage some small further increase in total numbers, composed probably of slightly fewer undergraduates, but more post-graduates; but the formulation of

Report by the Director

exact plans for appropriate staff increases has not yet been possible as we are still without any final indication of the scale of recurrent grant which will be available. It is now the intention of the University Grants Committee to make an interim grant for 1967-68, the first year of the new quinquennium, and in effect to make the normal quinquennial assessment of grants effective from 1968-69. While the difficulties which the Government authorities are under in entering into commitments for the future are fully appreciated, it cannot be emphasised too frequently that these uncertainties about future income make long-term planning extremely difficult, while at the same time the steadily increasing competition for high-level graduates makes it ever more important to be able to look forward, often for over a session ahead, if the best arrangements are to be made to fill appointments on the teaching staff.

The School's financial outlook has in any event suffered serious further deterioration as a result of the current price freeze policy. A decision was taken in October 1965 to make a significant increase in the fees payable by graduate students, a large proportion of whom come from overseas, which would have added approximately £40,000 a year to the School's fee income. Notice was given of this proposed increase immediately after the decision was taken and students registering for the session 1966-67 have done so in the knowledge of the higher fee requirement. The School learned with concern, however, that the general view of the Government is that all increases of tuition fees should be postponed irrespective of whether previous notice had been given. We have represented very strongly what a serious blow the loss of this income is to the School and our complete inability to understand how the suspension of this increase in fees, much the greater part of which would have been paid by overseas students to the benefit of the balance of payments, can assist in the solution of current economic difficulties; but the Government objection has been confirmed and we have felt obliged to defer the increase. It will certainly not be possible to make economies anything like corresponding to the amount of income lost and the School is, therefore, faced with the certainty of a significant deficit on the year 1966-67.

This situation is particularly galling because the School finds itself again embarrassed, as it was in the immediate post-war years, by its willingness to strain its own resources and seek to do all in its power to meet a national need to expand numbers. After the Robbins Committee reported we offered a certain increase in numbers on condition that our grant was also increased. Our offer of expansion was accepted but, as reported last year, the increase of the grant for 1966-67 was much less than we needed. We therefore reduced our expansion target, although not proportionally to the reduction of grant, since we relied on the planned increase of fee income. Had we known that that increase of income would be forbidden we should naturally not have committed ourselves to the increases of student numbers and teaching staff which have in fact taken place.

Academic Developments

The plans referred to in last year's report for changes in the University's practice under which much greater authority would be given to individual schools and colleges to determine the regulations for the degrees which they teach were taken a good deal further during the session, but the final form of the new regulations had not been settled at the end of the year. Associated with these changes are other

Report by the Director

changes in the composition of certain University organisations dealing with these matters, in particular Boards of Studies. We have also begun to think of changes which may be necessary in the School's own internal machinery for deliberation and consultation. In the past, action relating to the institution of new degrees or the modification of the regulations of existing degrees has been a matter for the appropriate University Boards of Studies, and the School's concern has been with the theoretically subsequent question of whether or not the School should undertake to teach for the new or revised degree. This again has been in form a matter for the Academic Board of the School, but where the development of new lines of teaching requires additional staff it has necessarily involved consideration by the Appointments Committee while the increasingly acute pressure on the School's resources of accommodation has required such developments to be considered also from the point of view of what may be called the School's accommodation budget. The prospect that the School will shortly be in a position to determine the character of the degrees for which it teaches has therefore brought to a head a growing feeling that our internal machinery of government needs overhauling so that we may be able to ensure that all the issues arising in connection with projects of new academic development, including the syllabus of any new degree, its relationship to other degrees of interest to the School, and the staff, accommodation and financial implications of the development can be considered together. I have for some time been discussing with individual members of the School's staff and with the Standing Committee of the Governors possible changes in the School's system of internal government and consultation to meet this situation and other developments arising from the growth of the School's operations. During the Long Vacation of 1966 I communicated to all members of the Court of Governors and to the Appointments Committee a memorandum setting out a possible scheme of reorganisation, in order that the whole subject might be fully discussed.

A clear practical illustration of the problems which arise in discussing new academic developments under our present arrangements was presented in the course of discussion during the session of a number of proposals for the institution of new degrees. These were a new degree in Mathematics, a degree in Social Psychology, a degree in Social Anthropology and the undertaking by the School of teaching in the Faculty of Arts under new regulations relating to Modern Languages providing for teaching in a combination of two languages or of linguistics and a language. The institution of a degree in Mathematics specially designed to meet the needs of mathematicians interested in the applications of the subject to problems in the social sciences was already implicit in the decision taken the previous session to appoint a Professor of Mathematics and to create a separate department. The other proposals arose from natural developments in the subjects concerned and from the School's own decision taken in earlier sessions to create a department of Social Psychology in charge of a professor and to develop its already existing Department of Modern Languages. The difficulty of examining in a series of different committees the various implications of these four different proposals obliged us to set up a special *ad hoc* committee to report on them. In the end approval was given to all the proposals put forward, although the actual institution of teaching in some cases has been postponed, e.g. it is uncertain whether teaching for the new degree in Social Psychology can commence earlier than 1968-69.

Evening Teaching

In the course of considering the general expansion programme attention has again been given to the position of evening teaching at the School. The number of candidates registering for first degrees has declined very considerably, and since at the same time the number who find it possible to complete the course has declined even more rapidly, there has been a very considerable falling away in the numbers of evening students actually taking first degrees at the School. At the same time the growing complexity of the subjects of study, and the increasing number of separate special subject divisions of the degree courses, have meant that the number of evening students taking any one course has generally been very small indeed. The conclusion has therefore forced itself upon us that the provision of evening teaching for first degrees has ceased to be an economic use of the School's resources. At the same time provision for teaching at degree level in the social sciences in other institutions in the London area catering for part-time students has considerably increased. The Academic Board accordingly recommended to the Court of Governors, and the Court after full consideration accepted the recommendation, that the School should take the decision in principle to terminate first degree evening teaching. In view of past relations with the L.C.C. and its successor in this field, the Inner London Education Authority, we have consulted with the latter body as to the timing of this change. The Authority having raised no objection in principle, it was agreed that no further evening students should be admitted for the LL.B., and it is probable that evening admissions for other undergraduate degrees will cease after the session 1966-67. It should be added and emphasised that there is no intention to bring to an end the provision of part-time teaching for higher degrees, which is in fact expected to be an expanding activity. It would be most regrettable if the tradition of part-time teaching, which was the original basis of the School's organisation, should ever be entirely broken.

Building Developments

The bringing into use of Connaught House, the acquisition of which was reported in last session's report, was considerably held up by delay in securing approval for the necessary capital grants for minor adaptations to make the building effectively useful for the School, but we began to move in during the Easter vacation and by the end of September virtually the whole of the administrative departments had found accommodation in Connaught House, together with the Departments of Philosophy and Industrial Relations and the Personnel Management section of the Department of Social Administration. The building will also provide very useful committee room and class room accommodation. The space vacated elsewhere by those who have moved into Connaught House has made it possible to effect various improvements of accommodation in a number of directions, but the main beneficiary is planned to be the Library, which will inherit a good deal of the space vacated by the administration in the old building. However, for reasons explained below, some of the eventual long-term benefits of the acquisition of additional space may not be enjoyed until a few years hence.

It was also indicated in last year's report that we expected some delay in implementing our plans for rebuilding on the Clements Inn Passage site, partly as a *quid pro quo* for the grant made for the acquisition of Connaught House and partly because of other reductions in the University of London building programme. We

were, however, very glad to be told during last session that it would after all be possible to provide for the first stage of the Clements Inn Passage redevelopment, i.e. a new building on the old Government Laboratory site, during the financial year ending 31 March 1967 and, in all probability, for the second half of this redevelopment, i.e. the demolition of the old buildings on the south of Clements Inn Passage and the construction of a companion building on that site, in the financial year ending 31 March 1968. This meant in effect that the two stages of the development could be planned as a single operation. Plans have accordingly been pushed forward and, although a great deal of work remains to be done and there are still a number of details to be settled with the planning authorities and the University Grants Committee, we have every hope that this substantial development will be commenced in March 1967. When completed it will add about 23,000 square feet of usable space to the School's accommodation as well as providing more modern and convenient accommodation in place of the buildings scheduled for demolition. The buildings will provide in the main general purpose accommodation, i.e. rooms for tutors and class rooms, but we plan also to provide a new and enlarged Board Room and some other general facilities. Unfortunately, helpful as these developments will be when completed, the actual timing of the operations presents us with a difficult interim problem. The old buildings on the south side of Clements Inn Passage and in Houghton Street which are to be demolished are at present occupied by staff of the School. We had earlier assumed that this stage of the development would take place some time after the reconstruction on the Government Laboratory site and that we should, therefore, have had a building on that site into which we could have decanted the staff now housed in the old buildings. This will no longer be possible and other arrangements will have to be made for their interim accommodation. The problem has been examined realistically by a new committee which I set up during the session to advise on accommodation problems as they arise from time to time and there is every reason to hope that, provided there is a willingness on the part of members of the staff to put up with considerable continuing inconvenience in accommodation, we shall be able to meet this situation. One incidental consequence is that the Library will not be able to enjoy the full effect of the expected addition to its accommodation until a little later, but significant immediate additions will still be made to the accommodation effectively available to the Library. It should, of course, be emphasised that, whatever these transitional difficulties, the timing which we now expect to be possible for the new buildings on Clements Inn Passage will mean that the net additional accommodation we had hoped for from this operation will be available years earlier than we had originally expected.

The principal remaining problem of accommodation is the making of adequate provision for the Library. This has been the subject of examination and discussion for some time past. For work in the social studies, especially for research and other advanced work, a library is the essential core and constitutes in effect the equivalent of the whole range of laboratories in a scientific institution. The School Library has been described with some pardonable exaggeration as the best and the worst library of its kind in the world; the books, periodicals and other material which it possesses represent one of the finest collections on the social studies, but the facilities for using this material both in the way of physical space or of bibliography or other

Report by the Director

library facilities, are quite inadequate to the richness of the collection. We have been able in recent years to make a succession of additions to the reading space available in the Library, the number of places provided for now being 45 per cent greater than ten years ago, but we seem to be still a long way from meeting the demand from readers and comparatively little progress has been possible in developing other and more sophisticated services than the mere provision of a place at a library table. At present the Library has the use of space in the School's various buildings, including very congested basement storage space, amounting to about 50,000 square feet (net) and additions which we expect to be able to make as a result of the inheritance by the Library of the space vacated by the movement of other sections of the School to Connaught House will eventually amount to a further 4,420 square feet. Some 118,000 volumes are at present stored in the University Depository at Egham. A careful and conservative estimate of the total space needed to provide adequate reading space and other facilities and storage for the whole of the collection on the spot in conditions which allow of open access to all but restricted items has been made and it appears that the minimum would be about 200,000 square feet (gross).

It is quite clear that accommodation on this scale could not be provided by any rearrangement within the School's existing buildings, the total floor space of which amounts to only 337,000 square feet (gross) and that in any case the continuance of attempts to provide for the Library by makeshift additions is increasingly unsatisfactory. The School must, therefore, look for a solution in the building of a completely new library or, if a favourable opportunity should chance to arise, the acquisition of a neighbouring building which could be converted to library purposes. The possibility of using the Clements Inn Passage area for this purpose was naturally considered, but it became obvious at a very early stage that the limitation of the amount of building which could be put on that site put out of the question any plan to meet the library needs there. During the last session the position was discussed further with the Chairman of the University Grants Committee and representatives of the University of London and as a first step it was agreed that a study should be made of the possibility of making adequate provision for the Library on a combination of two contiguous sites adjoining the School's existing premises, i.e. the small properties, most of which are already owned by the School, in the triangle between Portsmouth Street, Portugal Street and Sheffield Street and the site at present occupied by St. Philip's Hospital, which is scheduled to move away in a few years' time as part of the general London hospital development. This feasibility study was undertaken jointly by the administrative staff and architects of the University Grants Committee and the School, and their report has made clear that, taking into account inevitable planning restrictions, there is no possibility of making reasonable provision for the Library's future needs on this combined site.

We are, therefore, still searching for a solution to this, the most important long-term development need of the School. We believe, however, that if finance were available it would not be impossible to find a solution by the purchase of a site or building quite close to the School. Obviously the cost would be high in view of the very high value of sites in such a central area of London; but it needs to be weighed against the cost of removal of the School to an entirely new site, which would appear to represent the only other method of providing the space required, and

Report by the Director

bearing in mind the national and international importance of the Library, we believe that the task of seeking the necessary funds is one which is not impossible and certainly deserves every attention which the authorities of the School can give to it. The position remains under discussion with the University Grants Committee and it is hoped that within a measurable space of time real progress can be made towards a solution.

During the year steady progress was made with the building of the hall of residence financed by our anonymous donor and to be known as Carr-Saunders Hall. No major difficulties arose. It is now expected that the hall of residence will be completed during the Lent Term 1967 and will be in occupation by Easter. Although no other positive action has been taken during the year to add to the School's reserves of accommodation for students a new organisation has been set up which, it is hoped, will in future help considerably in providing for the needs of graduate students, particularly married students from overseas, who need small flats rather than hostel-type accommodation. This organisation is a Company known as AFSIL Limited which has been set up jointly by the School and a number of other colleges of the University of London. It is hoped that it will be able to enlarge the scope of what the School has already done on its own account, i.e. purchased houses of some size and converted them into small flats, and eventually build new blocks of flatlets. The operation will be conducted on a self-supporting basis, i.e. raising money by borrowing, supplemented where feasible by grants from local authorities, and charging rents sufficient to cover capital as well as running costs.

Library

I have dealt already with the continued consideration which has been given to the space needs of the Library. The principal event during the year was the retirement of Mr. G. Woledge, the prospect of which was mentioned in last year's report, and the appointment of his successor. The School was fortunate in being able to secure the services as Librarian of Mr. D. A. Clarke, Librarian of the University of Liverpool. Mr. Clarke was not able to take up the new appointment until the beginning of the Summer Term and Mr. Woledge, therefore, agreed to defer his own retirement until then, by which time he had completed over 21 years' service with the School.

Mention was made last year of the report made by Urwick, Orr & Partners Ltd. on the organisation of the Library and during last session a number of the proposals made by them was brought into operation. Some, including a proposal for the abolition of the post of Deputy Librarian, have been rejected and others have been deferred pending further consideration. Both because of current developments in the social studies and in the Library organisation and because of the appointment of a new Librarian this is inevitably a time when consideration is being given to a good many possible variations in the details of Library policy and the School has been fortunate to have during the session two visits from Dr. Douglas Bryant, Librarian of the University of Harvard, who was able to offer valuable suggestions on the basis of his own extensive experience. Dr. Bryant's visits were made possible by grants from the Ford Foundation and his help has been particularly useful in connection with the examination of the Library's future space needs and of possible ways of meeting those needs.

Student Affairs

During the last year or two a number of issues have arisen in discussion with the officers of the Students' Union and other student representatives in which there has been evidence of wide differences in the approach to problems of staff-student relationships. At the same time members of the teaching staff have in various degrees become uneasy about the general state of relationships between staff and students. Discussion with the authorities in other universities, not only in this country, but in North America, has shown that concern in this field is by no means confined to the School, but is widely spread among universities in the Anglo-Saxon world. As explained below we have begun an internal investigation to consider whether there is a need for specific steps to improve the situation within the School, but in doing so we have felt not so much that we are abnormal in having to face a problem or a series of problems of this kind, but only that we have perhaps more quickly become aware of the need for some more comprehensive examination of the situation rather than the consideration of a series of *ad hoc* measures to meet particular problems.

Among the specific matters which have come up for discussion have been the financing of the Students' Union; representation of students on the governing body or important committees; the possible transfer to the Students' Union of additional activities, including some of the catering facilities of the School; and proposals in one form or another that the President of the Students' Union should be granted what is known as a sabbatical year, i.e. should be allowed an extra year in which to conclude his studies. Matters which have come up elsewhere, but which did not figure prominently in last year's representations by students here, include disciplinary procedures and the control exercised by the university or college over the constitution or management of the Students' Union. A request for substantial increases in the grant made by the School for the financing of the Students' Union was put forward in the summer of 1965 and an increased grant for 1965-66 and subsequent years was agreed by the Standing Committee of the Governors. This did not, however, meet the whole of the request put forward by the Students' Union, and a request for an additional grant was renewed during last session. On this occasion also the Standing Committee felt able to approve a small increase, but again falling short of the full request from the students. Examination of the financial position inevitably involved a consideration of the whole field of activity of the Students' Union and this is of course very relevant to the proposal put forward in respect of the President. It is clear that there has been a tendency, particularly perhaps since the end of the last war and most noticeable in some of the civic universities and the most newly established universities, for the scope of union activities to increase. In addition to the organisation of debates, the provision of facilities for club meetings of various kinds and acting as a channel for the representation of student views to the administrative authorities on matters directly concerned with students, it has become common for students' union officers to be considerably absorbed in inter-university discussions, often on a national scale, on a variety of matters in which student interest is sometimes only indirect, and for students' unions to be entrusted with responsibilities for the operation of a good many facilities and amenities, including control of substantial students' union buildings. This enlargement of students' union activity has inevitably thrown greater burdens on the officers and particularly presidents of unions; hence the grant by a number of universities of

the right, or normal expectation, that the president will be allowed an extra year in which to complete his studies. At the same time, as already noted, there has been pressure for increased consultation with students in the actual administration of university affairs, and in the case of some of the most recently created universities, representations have been made to the Privy Council for the inclusion in charters of explicit provision for student participation in the governing bodies of the new institutions.

So far as the School is concerned we have for a considerable time had in existence a staff-student liaison committee, which, in theory at any rate, is able to discuss a wide range of matters affecting students, and other machinery exists for consultation with the students on specific matters such as library facilities, refectory management, etc. We have, however, made no provision for representation of students, or the right of attendance of student representatives, at meetings of the Court of Governors or any other important controlling organs of the School. A specific request made some time ago for the right of attendance at meetings of the Academic Board for matters under discussion was discussed at length by the Board, but it was decided that no such right could be given, although the Board might be willing on occasion to invite student representatives to appear to state their views to the Board. This has in fact since been done on one occasion. So far as the extension of student control over student facilities is concerned this presents particular difficulties in the School because the congestion of our physical accommodation makes it impossible to allocate any self-contained area to the Students' Union and the same general circumstances make it particularly inconvenient to divide up, for instance, the catering facilities between those operated by the School and those operated by the students, apart of course from the Students' Union Bar, which has for a considerable time been under the full control of the Students' Council. Equally, the School has not hitherto felt able to concede the request that the President of the Union should as a matter of right be granted an additional year of study, although applications for such an extension of time have in the past been considered in individual cases and normally considered with sympathy.

It has been clear in the discussion of these various matters that, while the student representatives have failed to convince the School authorities of the justice of all their proposals, we on our part have failed to convince the student representatives that their proposals are not reasonable and there has, therefore, been a tendency for the same proposals to be revived again and again. It has become more and more clear that underlying the difference of view on the individual proposals there is probably a basic divergence of view as to the proper extent of the Students' Union activity.

In this matter I should be wrong to claim to be able to state a "School" point of view, but I can indicate some of the points at issue as they appear to me. It is obviously right that the School should encourage and facilitate the organisation by students of extra-curricular activities, either sporting, cultural or of more "practical" or political interest. It is equally desirable that there should exist every opportunity for the expression of student opinion on the many matters of School policy and administration which affect students. Furthermore there is everything to be said for treating students as adults and giving them opportunities of learning some of the techniques of management in running their own societies and sharing at any rate

Report by the Director

in the control of the facilities and amenities provided for the student population. It is far less clear that these objectives are best served by the pattern of student union organisation which has become accepted as normal in United Kingdom universities. That pattern leads to a great concentration of activity and responsibility in the hands of a small number of union officials; it is by no means certain that the views they express are always those of the majority of students (in the London School of Economics it is not uncommon for strong resolutions to be passed at very lightly attended meetings of the Union); the experience of administration is a benefit shared in practice by only a few students; and the very concentration of activity acts as a temptation to the holders of Union office to extend their functions beyond the range which would be suggested by an objective consideration of student interests.

These are some of the issues arising in any consideration of the direct issue of the range and depth of activities appropriate to the central Students' Union. More fundamentally, there has developed a strong feeling, particularly among members of the teaching staff, that these various suggestions for formal changes in Students' Union relationships are really the outcome of a much more deep-seated malaise affecting the whole relationship between students and teachers. There is evidence that the matters about which the majority of individual students are most concerned are those relating to academic relationships, organisation of teaching and contact with individual teachers. I hasten to add that these matters of academic relationship are not ignored by the officers of the Students' Union, who have shown a commendable increase of interest in them. But it remains an open question whether the Students' Union is the most appropriate channel for the expression of student opinion on these matters.

With basic considerations of this kind in mind the Academic Board decided during the session to set up a special committee to examine in a broad way the general problem of relationships between students and staff. The committee made some progress during the session, but felt the need of some more detailed inquiry about the attitudes of the average student. This has been in progress and it is hoped that this special committee will be able to resume its study of the problems and present a report to the Academic Board fairly early in the coming session. The problems are, however, clearly complex. One special factor particularly affecting the School is that a particularly large percentage of our registered students are post-graduates and their attitudes are normally very different from those of the undergraduate population, although comparatively little distinction is made in the formal provision of facilities for the different categories of students. Accordingly, although our graduate students may be automatically members of the Students' Union the views expressed by the Students' Union tend to be primarily in terms of undergraduate needs. Another special feature of the School's position is, as already noted, the difficulty of separating out provision for student amenities in a purely physical way. Setting aside, however, such special features, it is clear that any malaise which exists in the School is part of a malaise affecting most, if not all, universities in the country and we venture to hope that if we are able to discern ways of improving the position in the School as a whole we may also be able to help in the solution of the wider problem.

Apart from these general matters of policy there have been no developments in

Report by the Director

the area of student affairs deserving special note. Day to day relationships between the officers of the Union and the administration of the School remained cordial and, as usual, problems of discipline were small and isolated.

Staff Matters

The list of staff changes appended to this Report is as usual long, since in the present stage of rapid growth of the universities we ourselves have a number of new appointments to fill and have also to deal with vacancies arising from the movement of members of our own staff to more senior appointments elsewhere. The great majority of our new appointments are at the junior level, but two new professorial appointments from outside took effect on 1 October 1966, i.e. the appointment of Professor H. G. Johnson to a Chair of Economics which was referred to in last year's report and the appointment of Professor A. C. Offord to the Chair of Mathematics in charge of the new department to which allusion has already been made above. The title of Professor was also conferred upon Mr. C. Grunfeld, Professor of Law; Dr. A. Stuart, Professor of Statistics and Mr. J. W. N. Watkins, Professor of Philosophy.

On the administrative side a new senior appointment was made as part of the process of reorganisation of the administration following on the recent report of Urwick, Orr & Partners Ltd., i.e. of Mr. D. Nowell as Deputy Secretary (Personnel). Mr. Nowell will take over by stages the work hitherto done as Establishments Officer by Mr. Scriven, who will be retiring in a year or two's time, and will also take over in due course work done by Mrs. Horn as Secretary to the Appointments Committee. Also on the recommendation of Urwick, Orr & Partners Ltd. we have undertaken some redistribution of duties in the Bursar's Department and have appointed Mr. C. J. Braybrook an additional Assistant Bursar with responsibility for office services, including Organisation and Method.

Among the list of resignations may be noted that of Mr. A. L. Diamond on his appointment to a Chair of Law at Queen Mary College. There were no retirements, in the strict sense, of senior staff, but the end of the session marked at least a stage in the retirement of Lord Robbins from his long and intense activity at the School. Since Lord Robbins retired from his University Chair in 1962 he had by arrangement with the School continued to take a regular and full part in the teaching of economics and to act as Chairman of the Graduate School Committee. In form this was under an arrangement with him as a part-time teacher, but in fact during this period the School has continued to enjoy a very considerable share of Lord Robbins' energies and he has added further to the immense debt the School owes to him for his contribution during his association with it for nearly half a century as student, as teacher, as organiser of the Department of Economics, and as for so long the guiding spirit of the Graduate School in his capacity of Chairman of the Graduate School Committee. The coming to an end of this arrangement now that Lord Robbins has reached the age at which he would normally retire from a University appointment does not, I am sure, mean the end of his association with or work for the School. He has already undertaken to do some further teaching in the coming session and will also be associated with the Unit for Economic and Statistical Studies on Higher Education, which was founded under the direction of Professor Moser as one of the consequences of the report of the Robbins Committee on Higher Education.

Report by the Director

The School was very pleased to note the conferment on Professor R. G. D. Allen of the dignity of a knighthood in the Birthday Honours. Professor Allen is now one of the most senior professors at the School and the work he has done not only for the School, but in a great many special inquiries for governmental purposes has amply deserved this recognition.

Shortly before the end of the Summer Term, the announcement was made of the appointment of Dr. Walter Adams, Principal of the University College of Rhodesia, as my successor on my retirement at the end of September 1967. Dr. Adams is no stranger to the School, having been Secretary just before the last war, and has of course long experience in university administration. He expects to leave Rhodesia towards the end of the present calendar year and therefore to have time to familiarise himself with the affairs of the School in more detail before taking on his responsibilities as Director in October 1967.

Obituary

The list of deaths of people connected with the School must always be read with sorrow and this year contains the names of a number of persons particularly closely connected with the School. Lord Piercy was a student and for a time a teacher at the School, a member of its Court of Governors (and for some years a member of the Standing Committee of the Governors) and an Honorary Fellow, as well as having been for many years a member of the Court of the University. He was Chairman of the Friends of the London School of Economics and will be long remembered for his work for the School in his many capacities. Two other former active members of the Court of Governors were Mr. W. G. S. Adams and Mr. Evelyn Baring, the latter having been, until shortly before he resigned from the Court of Governors, a member of the Standing Committee. Professor Sir Dudley Stamp was a member of the staff from 1926 to 1958 and had continued to maintain close contact with the School since his retirement in that year. Sir Ivor Jennings was also a member of the staff of the School from 1929 to 1941. The list further includes the names of Mr. W. T. C. King, a former student and an Honorary Fellow of the School and Lady (Ruth) Dalton, herself a student of the School before 1914 and the wife of a fellow student who, quite apart from his wider achievements in public life, will long be remembered as an active and inspiring teacher at the School.

A loss not included in the Appendix because it happened after the close of the session was the death early in October of Sir Alexander Carr-Saunders, my predecessor as Director of the School. An admirable obituary in *The Times* has given a sympathetic picture of his great human qualities and an account of his wider services to scholarship, education and international co-operation. In the School he will be remembered for his patience and skill in reconciling divergent views, for his determination and resourcefulness in dealing with the School's war-time and post-war problems, for his keen interest in student welfare and activities and for his fundamental devotion to the furtherance of true scholarship in the social studies to which his mature judgment had led him to devote his abundant energies.

October, 1966.

Annual Accounts 1965—1966

Report of the Auditors

To the Governors of the London School of Economics and Political Science.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit. In our opinion proper books of account have been kept by the company so far as appears from our examination of those books. We have examined the following Balance Sheet and Income and Expenditure Account which are in agreement with the books of account.

In our opinion and to the best of our information and according to the explanations given us the said accounts give the information required by the Companies Act, 1948, in the manner so required and the Balance Sheet gives a true and fair view of the state of the company's affairs as at the 31st July, 1966 and the Income and Expenditure Account gives a true and fair view of the income and expenditure for the year ended on that date.

We are of the opinion that monies expended during the year out of non-recurrent grants received from the Court of the University of London and other funds administered by the School for specific purposes have been properly applied to those purposes.

KNOX, CROPPER, GEDGE & CO.
Chartered Accountants,
Auditors

Coventry House, South Place,
Moorgate, E.C.2.
25th November, 1966

Balance Sheet

1964-65		FUNDS AND LIABILITIES	
£	£	£	£
	690,432	Freehold Land and Buildings Fund	690,432
	183,024	Rockefeller Endowment Fund	213,008
	310,463	Trust Funds (Schedule No. 5)	309,983
		Other Funds and Current Liabilities	
133,613		Special Funds (Schedule No. 6)	101,515
		Provision for Equipment and Repairs	4,000
3,000		Sundry Creditors	124,373
78,204		Receipts in Advance	81,304
30,467			311,192
245,284		General Reserve	3,602
3,602		Surplus on Income and Expenditure Account	8,079
5,505			8,079
243,381			322,873
	243,381		322,873
	£1,427,300		£1,536,296

BRIDGES, *Chairman*
SYDNEY CAINE, *Director*

31st July, 1966

1964-65		ASSETS	
£	£	£	£
	690,432	Freehold Land and Buildings (Schedule No. 4)	690,432
		(Buildings valued for insurance at £995,265)	
		Rockefeller Endowment Fund	
98,605		Investments (Schedule No. 1)	131,942
		Freehold Property — 31 John Adam Street, London (Building valued for insurance at £14,000)	13,968
13,968		Loan for Anson Road and Carleton Road Hostels	49,122
55,415		Loan for PABX installation	3,010
3,960		Loans for Housing	10,000
10,000		Cash at Bank	4,966
1,076			213,008
183,024		Trust Funds	
269,748		Investments (Schedule No. 2)	277,279
		Freehold Property — 111/112, High Street, Gosport, Hants. (Building valued for insurance at £47,450)	8,850
8,850		Cash at Bank	23,854
31,865			309,983
310,463		Other Assets	
26,722		Investments (Schedule No. 3)	26,533
14,462		Loans for Housing	10,665
120,394		Sundry Debtors	188,441
		Payments in advance and Other Assets	73,960
47,828		Cash at Bank and in Hand	23,274
33,975			322,873
243,381			322,873
	243,381		322,873
	£1,427,300		£1,536,296

NOTE:—The expenditure on Buildings other than Freeholds, the values of the Library and the Equipment and Furniture are not included in this Balance Sheet. No provision has been made for depreciation of fixed assets.

Income and Expenditure Account

1964-65		EXPENDITURE	
£	£	£	£
114,019			
48,190			
1,592			
—	163,801		
		1. Administration and Common Services	
		Salaries and Superannuation	129,635
		Printing, Stationery, Advertising, Postage and Telephones	50,486
		Other Expenses	1,556
		—	181,677
		2. Departmental Maintenance	
679,751		Teaching Staff — Salaries and superannuation	730,210
48,621		Research Expenditure met from Income	55,085
106,009		Research Expenditure met by Donations	147,199
66,737		Departmental Staff — Salaries and superannuation	84,590
27,660		Departmental Expenses	23,506
—	928,778	—	1,040,590
		3. Library	
83,210		Salaries and superannuation Edward Fry Library	89,987
211		Purchase of books and periodicals, binding and other expenditure	152
38,420		—	37,485
—	121,841	—	127,624
		4. Maintenance of Premises	
22,911		Rents	25,637
51,369		Rates	77,567
2,740		Insurances	3,449
22,564		Heat, Light and Water	28,485
12,119		Equipment	11,908
28,938		Repairs and general maintenance	49,850
91,488		Salaries, wages and superannuation	101,990
—	232,129	—	298,886

for the year ended 31st July, 1966

1964-65		INCOME	
£	£	£	£
500			
245			
7,498			
2,920			
55			
144			
50			
551			
597			
1,333			
117			
670			
107			
—	14,787		
130			
15,458			
—	15,588		
106,009			
37,381			
—	143,390		
1,095,046			
—			
50,939			
3,590			
11,000			
—	1,160,575		
174,902			
366			
—	175,268		
		1. Endowments	
		<i>(a)</i> Appropriated for particular purposes:	
		Montague Burton Trust	500
		Business Administration Trust	239
		Cassel Trust (Commerce)	8,535
		Cassel Trust (Modern Languages)	1,176
		Auguste Comte Trust	154
		Hobhouse Trust	131
		Malinowski Trust	50
		Passfield Trust	569
		Skepper Trust	831
		Stevenson Trust	1,360
		Tooke Trust	120
		Martin White Trust	683
		Whittuck Trust	122
		—	14,470
		<i>(b)</i> Appropriated for general purposes:	
		Ratan Tata Fund	132
		Rockefeller Endowment Fund	17,543
		—	17,675
		2. Donations and Subscriptions	
		<i>(a)</i> For Research (Schedule No. 7)	147,199
		<i>(b)</i> For other purposes (Schedule No. 8)	21,285
		—	168,484
		3. Grants from University Court	
		General	1,238,500
		Salaries Supplementation 1966	13,198
		Rates	55,972
		Hayter Sub-Committee	3,824
		Management Studies	4,500
		—	1,315,994
		4. Fees	
		Tuition	183,905
		Examination	368
		—	184,273

Income and Expenditure Account

1964-65		EXPENDITURE	
£	£	£	£
		5. Educational Expenses	
1,690		1,556	
150		758	
2,728		3,835	
5,503		4,985	
3,175		2,741	
<u>13,246</u>		<u>13,875</u>	
		6. Student Facilities and Amenities	
9,037		10,915	
6,753		11,029	
4,833		5,288	
7,585		8,484	
2,853		2,546	
<u>31,061</u>		<u>38,262</u>	
15,030			
		7. Capital Expenditure met from Income	
		8. Other Expenditure	
100		100	
5,518		6,738	
8,244		11,828	
2,373		1,428	
1,274		1,673	
<u>17,509</u>		<u>21,767</u>	
		9. Transfers to Special Accounts	
1,150		—	
12,042		7,010	
<u>13,192</u>		<u>7,010</u>	
1,536,587		1,729,691	
—		13,584	
<u>£1,536,587</u>		<u>£1,743,275</u>	
2,703		5,505	
5,505		8,079	
<u>£8,208</u>		<u>£13,584</u>	

Note:—The aggregate amount to be disclosed under

for the year ended 31st July, 1966—continued

1964-65		INCOME	
£	£	£	£
		5. Contributions received for Services Rendered	
	5,617		9,336
		6. Miscellaneous	
609		941	
2,782		3,077	
684		966	
<u>4,075</u>		<u>4,984</u>	
		7. Transfers from Special Accounts	
656		443	
6,842		6,021	
1,581		21,595	
<u>9,079</u>		<u>28,059</u>	
		TOTAL INCOME	
1,528,379		1,743,275	
8,208		—	
<u>£1,536,587</u>		<u>£1,743,275</u>	
8,208		13,584	
<u>£8,208</u>		<u>£13,584</u>	

Section 196(1) of the Companies Act 1948 is £6,609.

Investments held at 31st July, 1966

SCHEDULE No. 1

ROCKEFELLER ENDOWMENT FUND:

1. QUOTED	COST		MARKET VALUE	
	£	%	£	%
British Government Stocks and Stocks of Other Public Authorities ..	1,476	1.2	958	0.5
Debentures and Loan Stock	1,970	1.6	1,910	0.9
Preference	7,250	5.9	3,437	1.7
Equities	112,196	91.3	197,279	96.9
TOTAL OF QUOTED INVESTMENTS	122,892	100.0	203,584	100.0
2. UNQUOTED	9,050			
TOTAL CARRIED TO THE BALANCE SHEET	131,942			

SCHEDULE No. 2

INVESTMENTS HELD FOR TRUST FUNDS:

A. GENERAL (NARROW POWERS) POOL

1. QUOTED	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks	45,815	25.3	37,217	22.3
Debentures	54,451	30.0	44,400	26.7
Equities	80,933	44.7	85,019	51.0
TOTAL	181,199	100.0	166,636	100.0

The General (Narrow Powers) pool consists of 175,794 investment units. At 31 July 1966, the market value of the investments held represented a value for each unit of 18s. 11d. The units are held for the following trusts:

NAME OF TRUST	NO. OF UNITS HELD
Sir William Acworth Memorial	1,764
Bowley Prize	169
Cassel: Teaching in Commerce	146,887
Cassel: Teaching of Modern Languages	16,656
Mary Elizabeth Christie Memorial	415
Auguste Comte Memorial	940
Hobhouse Memorial	1,095
Hutchinson Medal	13
Lilian Charlotte Knowles Memorial	907
Harold Laski Scholarship	1,035
Charles Mostyn Lloyd Prize	351
Wilson Potter	95
Premchand Prize	486
Rosebery	2,590
Graham Wallas	142
Whittuck Lectureship in Commercial Law	2,096
Allyn Young Prize	153
	175,794

B. CAPITAL EXPENDITURE (NARROW POWERS) POOL

QUOTED	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks	15,366	69.6	15,579	67.5
Debentures	2,193	9.9	2,229	9.7
Equities	4,524	20.5	5,268	22.8
TOTAL	22,083	100.0	23,076	100.0

Investments held at 31st July, 1966—continued

The Capital Expenditure (Narrow Powers) pool consists of 26,352 investment units. At 31 July 1966, the market value of the investments held represented a value for each unit of 17s. 6d. The units are held for the following trusts:

NAME OF TRUST	NO. OF UNITS HELD
Department of Business Administration	5,383
Chair of Economics of Underdeveloped Countries and Economic Development	5,819
Dixon Cambridge Bowl and Cup	56
Rees Jeffreys Research Fellowship	1,412
Research Fellowship in the Economics of Latin America	13,682
	<u>26,352</u>

C. GENERAL (WIDE POWERS) POOL

QUOTED	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks	2,055	37.0	1,645	29.8
Debentures	720	13.0	588	10.6
Equities	2,771	50.0	3,296	59.6
TOTAL	5,546	100.0	5,529	100.0

The General (Wide Powers) pool consists of 5,551 investment units. At 31 July, 1966, the market value of the investments held represented a value for each unit of 19s.11d. The units are held for the following trusts:

NAME OF TRUST	NO. OF UNITS HELD
Reg Bassett Memorial	360
Janet Beveridge	596
Chidambaram Chettiar	550
Sally Codrington	909
Farr Prize	309
Gonner Prize	129
Gourgey	27
Hughes Parry Prize	346
Singer Research I	492
Hutchins Studentship for Women	1,833
	<u>5,551</u>

D. CAPITAL EXPENDITURE (WIDE POWERS) POOL

QUOTED	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks	3,313	74.5	3,274	74.4
Equities	1,132	25.5	1,127	25.6
TOTAL	4,445	100.0	4,401	100.0

The Capital Expenditure (Wide Powers) Pool consists of 4,650 investment units. At 31 July, 1966, the market value of the investments held represented a value for each unit of 18s.11d. The units are held for the following trusts:

NAME OF TRUST	NO. OF UNITS HELD
Manor Charitable Trust	2,463
History of Prices and Wages	1,723
Singer Research II	464
	<u>4,650</u>

Investments held at 31st July, 1966—continued

E. OTHER	COST		MARKET VALUE	
	£	%	£	%
1. QUOTED				
British Government Stocks
Debentures	..	21.4	8,601	17.4
Preference	..	18.1	6,447	13.1
Equities	..	13.5	5,635	11.4
	..	47.0	28,714	58.1
TOTAL OF QUOTED INVESTMENTS	42,676	100.0	49,397	100.0
2. UNQUOTED				
TOTAL OF UNQUOTED INVESTMENTS	21,330			
TOTAL	64,006			
TOTAL CARRIED TO THE BALANCE SHEET	277,279			
SCHEDULE NO. 3				
GENERAL INVESTMENTS				
1. QUOTED				
British Government Stocks
Debenture Stocks	..	28.2	5,536	21.5
Equities	..	25.8	4,517	17.5
	..	46.0	15,703	61.0
TOTAL OF QUOTED INVESTMENTS	22,740	100.0	25,756	100.0
2. UNQUOTED				
TOTAL OF UNQUOTED INVESTMENTS	3,793			
TOTAL CARRIED TO THE BALANCE SHEET	26,533			

Freehold Land and Buildings at 31st July, 1966

SCHEDULE No. 4	COST
School Properties:	£
Athletics Ground and Pavilions	100,718
1, 2 and 3 Clare Market and 12 Houghton Street	36,542
11 Clements Inn Passage	2,500
12 Clements Inn Passage	2,579
13 Clements Inn Passage	170,920
13 and 14 Houghton Street	9,159
15 Houghton Street	3,300
16 Houghton Street	35,688
17, 18 and 19 Houghton Street	118,426
Kings Chambers	146,215
4 Portugal Street	35,717
St. Clement Dane's Parish Hall	28,668
	<u>£690,432</u>

Trust Funds at 31st July, 1966

SCHEDULE No. 5	CAPITAL	UNEXPENDED
NAME OF FUND		INCOME
	£	£
Sir William Acworth Memorial	1,822	260
Research in Advertising and Promotional Activity	14,296	—
Harriet M. Bartlett	40	—
Reg Bassett Memorial	382	20
Janet Beveridge	597	33
Bowley Prize	174	25
Montague Burton Chair of International Relations	8,850	—
Montague Burton Memorial	5,780	400
Department of Business Administration	4,470	—
Cassel Teaching in Commerce	151,711	—
Cassel Teaching of Modern Languages	17,204	—
Chidambaram Chettiar	512	114
Mary Elizabeth Christie Memorial	429	25
Sally Codrington	901	156
Auguste Comte Memorial	980	346
Dixon Cambridge Bowl and Cup	56	5
Chair of Economics of Underdeveloped Countries and Economic Development	3,671	—
Research Fellowship in the Economics of Latin America	19,870	—
Farr Prize	309	17
Gonner Prize	129	7
Gourgey	37	5
Graduate Studentships in Economics	19,107	—
Greek Shipowners' Scholarship	40	—
History of Prices and Wages	2,087	—
Hobhouse Memorial	1,253	676
Hutchins Studentship for Women	1,835	278
Hutchinson Medal	13	5
Rees Jeffreys Research Fellowship	1,147	—
Rees Jeffreys Studentship	6,644	1,336
Lilian Charlotte Knowles Memorial	936	53
Harold Laski Scholarship	1,069	60
Jackson Lewis Scholarship	6,800	312
Charles Mostyn Lloyd Prize	363	30
Mactaggart Scholarship	4,189	278
Manor Charitable Trust	720	—
Malinowski Memorial Lecture	2,399	365
George and Hilda Ormsby	1,000	115
Hughes Parry Prize	346	20
Wilson Potter	98	11
Premchand Prize	502	28

Trust Funds at 31st July, 1966—continued

SCHEDULE No. 5	CAPITAL	UNEXPENDED
NAME OF FUND		INCOME
	£	£
Raynes Prize	400	20
Rosebery	2,676	362
Singer Research	986	93
Social Administration Research	624	—
Skepper	13,466	—
Scholarships for Mathematicians	1,093	—
Graham Wallas	146	8
Whittuck Lectureship in Commercial Law	2,165	—
Allyn Young Prize	158	9
Harold Laski Memorial Lecture	29	—
	<hr/>	
	£304,511	£5,472
	<hr/>	

Special Funds at 31st July, 1966

	£	£
SCHEDULE No. 6		
American Studies		302
Anonymous Departmental Fund		85
Arthur Andersen Prize		15
Anthropology (Malinowski) Library		65
British Iron and Steel Federation		273
Brookings Institute		54
Montague Burton Fund		156
Noel Buxton Studentship		191
Cadbury		289
Carnegie		11,689
Churches' Council on Gambling		4,909
Commerce Degree		871
Commonwealth Fund		41
Richard Costain: Personnel Management		150
Course on 'Future Patterns of Employment'		18
Department of Economic Affairs		1,071
Discretionary Pensions		19,663
H. V. Duckworth		34
Electricity Council		197
Foundation for Management Education		292
Ford Foundation:		
Demographic Training		652
Higher Education		6,653
Home Office		57
Houblon-Norman		342
P. D. Leake Fellowship		833
Leverhulme Trust		310
London Bibliography of Social Sciences		198
Committee for Mediterranean Research		6
Ministry of Overseas Development		266
National Corporation for the Care of Old People		26
National Institute of Mental Health		1,646
Nuffield Foundation:		
Fellowship in the Politics of Eastern Europe		771
Professor Griffith		501
London/Cornell		2,189
Soviet Law		390
Higher Education		7,477
Nuffield Provincial Hospitals Trust:		
Mr. Apte		13
Mr. Timms		1,607
Overseas Students Trust		25
Passfield Fund		10,161
Passfield Studentships		464

Special Funds at 31st July, 1966—continued

	£	£
Publication Funds:		
Bell Series		1,903
British Journal of Industrial Relations		1,928
Economica		9,035
Geography		218
Greater London Papers		111
Longmans Green Series		1,157
Monographs in Social Anthropology		4,143
Occasional Papers in Social Administration		880
Papers on Soviet and East European Politics, Law and		
Economics		204
Reprints		2,017
Sociology Publications		556
Women in Industry		314
		<hr/>
		15,378
Questionnaire Research		1,312
Radio Corporation of America		164
Rockefeller Foundation		553
Rodwell Jones Memorial		234
Rowntree Trust		50
S.R.C. and M.R.C. Research Training Support Grants		978
Shell International Petroleum Co. Ltd.:		
Economics		1,117
Geography		833
Sperry and Hutchinson Lectures		128
Frederick Soddy Trust		235
Sir Halley Stewart Trust		74
Student Loans:		
Long Term		979
Mental Health		448
Social Science		35
System Programming		265
Television Research Council		2,437
University of California		1,224
Wenner-Gren		119
		<hr/>
		£101,515

Donations and Subscriptions for Research

SCHEDULE No. 7	£
Atlas Computer Laboratory	1,648
British Iron and Steel Federation	327
California University	28
Churches' Council on Gambling	2,053
Department of Economic Affairs	929
Department of Education and Science:	
Professor Himmelweit	4,438
Finance of Education	3,809
Graduate School	158
Computable Model of the Educational System	3,524
Electricity Council	36
Ford Foundation:	
Higher Education	11,125
Human Behaviour	403
Foundation for Management Education	583
General Post Office	144
Home Office:	
Methods of Investigating Crime	28,499
Mr. Hall Williams	201
Research Fellowship in the Economics of Latin America	2,821
Manchester Geriatric Survey	314
Mediterranean Research Group	1,705
Ministry of Health:	
Miss Genzburg	167
Miss Stewart	1,192
Ministry of Housing	572
Ministry of Labour	5
Ministry of Overseas Development	10,183
Ministry of Public Building and Works	4,522
Ministry of Transport	6,781
National Corporation for the Care of Old People	314
Nuffield Foundation:	
Professor Griffith	99
Fellowship in the Politics of Eastern Europe	3,083
Industrial Organisation	93
London/Cornell	12,125
Soviet Law	106
Higher Education	10,179
Nuffield Provincial Hospitals Trust:	
Mr. Apte	160
Mr. Timms	534
O.E.C.D.: Higher Education	964
P.D. Leake Fellowship	1,167
Questionnaire Research	16,003

Donations and Subscriptions for Research—continued

	£
Rees Jeffreys Road Fund	4,286
Rockefeller Foundation	1,667
Rowntree Trust:	
Housing Study	25
Poverty	1,176
Science Research Council:	
Professor Himmelweit	136
Mr. Tapper	437
Singer Fund	57
Sir Halley Stewart Trust	526
Social Administration Research Trust	262
Social Science Research Council:	
Professor Roberts	82
Higher Education	3,492
Frederick Soddy Trust	25
Survey of Race Relations in Britain	37
Television Research Committee	2,237
Wellcome Foundation	754
Wenner-Gren	1,056
	<hr/>
	£147,199
	<hr/>

Donations and Subscriptions for other purposes

SCHEDULE No. 8	£
American Studies	2,995
Anonymous Departmental Fund	82
Montague Burton Fund	112
Chair in the Economics of Underdeveloped Countries and Economic Development	4,604
Ford Foundation: Demographic Training	6,076
Foundation for Management Education	4,993
Edward Fry Trust	152
Overseas Students Trust	50
Radio Corporation of America	139
S.R.C. and M.R.C. Research Training Support Grants	1,194
Shell International Petroleum Co. Ltd.	446
Sperry and Hutchinson Lectures	442
	<hr/>
	£21,285

Academic Awards for 1965-1966

SCHOLARSHIPS AND STUDENTSHIPS

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Scholarships for Mathematicians

David Anthony Aarons
Peter John Adams
David William Balmer
Peter John Cooke
John Robert Walker
John Edward Zlosnick

Leverhulme Adult Scholarship

Not awarded

UNDERGRADUATE AWARDS

Chartered Institute of Secretaries Scholarship

Aswu Sunday Ukiwe Okali

Christie Exhibition

David William Anderson

Lilian Knowles Memorial Scholarship

Shaun Michael Robinson

Harold Laski Scholarship

Kenneth Herbert Fewster Dyson

The C.S. Mactaggart Scholarship

Rainer Harold Burchett

Undergraduate Scholarships

Shirley Patricia Campbell
Robert Raphael Hayim Jacob
David Anthony Turton

GRADUATE AWARDS

S. H. Bailey Scholarship in International Studies

Ronald Brandis Manderson-Jones

Montague Burton Studentship in International Relations

Carol Jane Lancaster
Graham Peter Murray

Graduate Studentships

David George Alexander
Ross Alan Williams

Graduate Studentships in Economics

Noel Anthony Baker
John Stanley Chard
Patrick Laurie Davies
Gerald Raymond Davis
Lionel Demery
John Robert de Fonblanque
Gavin John Harding

David Forbes Hendry
Michael Frederick James
Barry Stewart Kalen

Russell Leonard King

Robert Edward Barnwell Lucas

Francis Brian Pizzala

John Christopher Robin Rowley

Eric Richard Sowe

Greek Shipowners Studentship

Not awarded

Hutchins Studentship for Women

Margarete Harvey

Margaret Ellen Joyce Weldhen

Rees Jeffreys Studentship in Transport

Not awarded

Leverhulme Graduate Entrance

Studentship for Overseas Students

Anne Fredda Showstack

Leverhulme Research Studentships

Negley Boyd Harte

Oliver Martin Westall

Leverhulme Research Studentship for Overseas Students

Maria Arouzazu Echezaretta

The Jackson Lewis Scholarship

Amita Dutta

Scholarship in International Law

Vincent Shepherd

Academic Awards

Scholarships and Studentships—continued

Studentship in the Economics of Latin America
Allan Michael Lavell

(b) Awarded by the University

Bryce Memorial Scholarship
Michael Joseph Clarke

Eileen Power Studentship
Not awarded

Gerstenberg Studentship
John Michael Atkin

Loch Exhibition
Mohipnarain Joynathsing

Metcalf Scholarship for Women
Sheila Rogers

Metcalf Studentship for Women
Not awarded

Sir Edward Stern Scholarship
Krishnan Nath Bhaskar

University Postgraduate Studentships
John Michael Atkin
David Andrew Duncan
Ian David Paterson

Graham Wallas Memorial Scholarship
Martin Ivan Alan Bulmer

Madge Waley Joseph Memorial Postgraduate Scholarship for Women
Jean Mary Wadsworth

MEDALS AND PRIZES

(a) Awarded by the School

Arthur Andersen Prize in Accounting
Bruce Gordon-Picking }
Alan Jacob Katz } *Jointly*

Harriet Bartlett Prize
Not awarded

Bassett Memorial Prizes
Hugh Vincent Emy
Harold William Young

Janet Beveridge Award
Brian Gershgorin Cohen

Director's Essay Prize
Not awarded

Farr Medal and Prize
Paul Newbold

Gonner Prize
John Christopher Robin Rowley

Gourgey Essay Prize
Francis Cosgrove

Hobhouse Memorial Prize
Barbara Schneider

Hughes Parry Prize
Michael Joseph Clarke

Mostyn Lloyd Memorial Prize
Barry Stuart Bright

Jessy Mair Cup for Music
Judith Alice Falkus

George and Hilda Ormsby Prize
Rodney Durrant Burgess
Rita Theresa Hayes

Premchand Prize
Not awarded

Raynes Undergraduate Prize
Paul Newbold

Roseberry Essay Prizes
Not awarded

School Prizes
Stuart Hilton Bond
Christopher James Brown

Michael Joseph Clarke
Simon Cowie

Colin John Crouch
Barry Bertram Davis
Carl Leslie Manklow

James Richard Metcalf
Peter Milnes Raper
David Sydney Yaffe

Allyn Young Prize
Sheila Rogers

Academic Awards

Medals and Prizes—continued

(b) Awarded by outside bodies

Free Press Prize in Sociology
Jennifer Carole Metz

Gladstone Memorial Prize
Roger John Bullen

Degrees

B.Sc. (Economics) Final Examination 1966
(Revised Regulations)

Honours

FIRST CLASS

Francis Victor Absalom
John Michael Atkin
Roger John Bullen
Robert Stewart Craig
Hugh Vincent Emy
Bruce Gordon-Picking
Thomas Reginald William Hartland
James Peter Paul Higgins
Nigel Sinclair Hills
Alan Jacob Katz
Robert Edward Barnwell Lucas
Paul Newbold
Robert Norman Vivian Cajado Nicol
John Christopher Robin Rowley
Qaid Nuruddin Silk

SECOND CLASS

(Upper Division)

Stuart Mervyn Alliband
Gautamkumar Manubhai Appa
David William Atherton
Andrew John Barton
Paul Michael Bingham
Colin Brown
Lionel James Carter
Sylvia Charlton
Geoffrey Martin Chittenden
Andrew William Circus

Kevin James Clinton
Laurence Cooklin
Michael John Cornish
Roger Cort
Roger Frederick Coyle
David Anthony Crofts
Richard John Daventry
Kenneth John Edwards
Simon William James Essex
Ingrid Judith Fielding
David Alistair Gardiner
Animesh Ghoshal
William Gowland
Iqbal Ismail Ali Haji
Rhys Brinley Hall
John Graham Hallsworth
Negley Boyd Harte
Michael Douglas Harvey
Ralph Nathan Heller
John Nicholas Hobcraft
Janet Holland
Colin John Holmes
Martin David Hoskins
Noel Wyn Howell
Maurice William Hunt
Peter Anthony Isbey
Bernard James
Barry Stewart Kalen
Michael John Kriteaman
Peter Lamb
Sophia Jane Lambert
John Nicholas Lea
Gordon Douglas Lindsay
Peter Lines
David Roy Linnell
Frank Lissauer
John Malcolm McDonald
Enrique Jose Mayer
Kevin Patrick Moloney
Laurence David Morgenstern
David John Ormrod
William Arnold Lennox Haslyn Parris
Francis Brian Pizzala
Anthony Stewart Pratt
Thomas Priestnal Pratt

Academic Awards

**B.Sc. (Economics) Final Examination
1966—continued**
(Revised Regulations)

Robert John Ranger
Indukumar Maganlal Rash
John Stewart Rimell
Gerald Sexton
Mansoor Jaferbhoy Shaikh Ali
John Robin Shannon
Ian Kenneth Skinner
Dorab Rustumji Sopariwala
Martin Roderick Stead
Leslie Malcolm Stevens
John Barrymore Teare
Susan Diana Gwendolen Thomas
Kirk Philip Thomson
Fernando Victor Tow
Christopher Barry Walkden
Stephen Geoffrey Wansell
Charles Michael Watson
Oliver Martin Westall
Catherine Elisabeth Williams
Charles Roger Williams
Jeffrey Norman Williams
Michael Neil Williams
Vincent Patrick Worth
Kenneth George Young

SECOND CLASS

Lower Division

Talat Abbasi
David Amatt
Anthony George Andrews
Khursheed Ahmed Ashraf
Caroline Lesley Bailey
Michael Bailey
Jonathan David Baker
Alan Edward Banks
June Elizabeth Benson
Brian James Betham
Susan Beveridge
Ian Duncan Cameron
Vinay Chand
Albert Charbit
James Edward Clark
Edwin Clarke

Oliver Frederick Clarke
Nicholas John Collins
Graham Percy Collis
Joseph Brimah Sylvester Conteh
Michael John Cooper
Nigel Frederick Charles Coward
Geoffrey Bruce Cowen
Donald Arthur Cowley
Ian Patrick Cowley
Anthony Simon Craig
Biswajit Das
Jehangir Noshir Daver
Keith William Dixon
Neil Donkin
Alan Claude Doss
Janet Helen Duckworth
Andrew Alexander Duguid
John Graham Ellener
David Etherington
Richard John Field
Timothy James Foord
Christopher Robin Frame
David John French
Clive Glass
Derryl Stuart Goffee
Michael David Golder
Michael Goldstein
Ronald Douglas Guilford
Vivian Nigel Richard Hall
Philip Halsall
Patricia Ann Heathcote
Susan Elisabeth Heyworth
Derek Hill
John Geoffrey Sanford Hodgson
Nigel Houghton
Lawrence Joseph How
Geoffrey Hughes
David Hyams
Mavis Hyman
Theodoros Ioannou
Hazel Priscilla Iveson
Carlisle Fitzroy Jackson
Michael William Francis Jackson
Victoria Diane Jennings
John Michael Jerman
Michael Norman Johnson
Brian Leslie Johnston

Academic Awards

**B.Sc. (Economics) Final Examination
1966—continued**
(Revised Regulations)

Aaron David Jones
Drude Kaas
Yonasani Bankobeza Kanyomozi
Nicolas Katigbak
Yusuf Habib Keshavjee
William Alfred Laing
William Lobley
Neil Barry Lockwood
Mavis Lowe
Stuart Douglas Luxon
Nicholas Alan Smith Macgregor
Gillian Jane Graham McNeill
Meherji Kaikaus Madan
Colin James Mason
Sam Gervase Mauger
Ruth Gertrude Michaels
Evertoness Veronica Miller
Mandel Miller
David Livingstone Mitchell
Mohamed Said Bin Mohamed Ali
Alan John Moran
David Alexander Morley
Gwenda Mary Moseley
Martin John Newell
David Roy Nolder
Jeffrey Michael Norman
Terence Nuttall
Robert Eric O'Donnell
Hazel O'Hare
Vijay Gopal Pande
Redmond Francis Michael Patten
Anthony Kenneth Pearce-Smith
Edward Cavendish Pilgrim
David Keith Ratcliffe
Derek Ray
Robert James Roberts
John Wilson Robinson
Marion Carol Rout
Terence Rowland
Robert Claughton Rugg
Heather Ann Russell
John Russell
Roger James Sansom
Graham John Saville

John Scaife
Michael Frederick Shellens
Sudha Raghunath Shenoy
John William Shepherd
Margaret Helen Skinner
Michael Richard Winchester Smith
Brian Richard Soddy
Gerald Vivian Stimson
John Lawrence Sullivan
Anthony Robin Symes
James Michael Tarrant
David Arthur Thurston
Jeffrey Townsley
James Anthony Trainor
William Byron Turner
Ralph Herbert Fred Ullmann
Richard Miller Upson
Avinash Keshavji Vitlani
Paul Robert Peter Ward
Gareth Ludwig Wardell
Harry Keith Webster
Barry Howard White
David Francis Whyte
Michael Stanley John Wickham
Colin Williams
William David Wilson
Desmond Greer Wiltshaw

THIRD CLASS

Akibodun Ladipo Akiwumi
James David Armstrong
Peter Bedford Attwood
Viyada Emile Avilasakul
Robert Bejan Muvukkar Balyuzi
Anthony John Bannard
Behara Bhaskara Rao
Hilary Burford
Robert John Butcher
Malcolm Stuart Cardy
Alan Cartwright
Salvador Correia de Sá
Ian James Coward
Colin Leslie Craven
Pascal Gabriel Dozie
Colin Eimer
Louis France Horace Empeigne
Ralph Michael Flatts

Academic Awards

**B.Sc. (Economics) Final Examination
1966—continued**
(Revised Regulations)

Margaret Ford
Angela Gay French
Michael Ian Godbee
Judith Ann Greenwood
Patrick David Grinnell
Michael Harrow
Elisabeth Stella Jackson
Kenneth Peter Jackson
Evelyn Rose Jaspar
Dennis John Edward Keighley
Bernard Brian Kelsey
Anthony Leyland
Andrew Chiu-Cheung Ma
Gerald Francis McCormack
Thomas Paul Edwin Machin
Agnes Helena O'Brien
Michael John O'Hare
Nnenna Ada Onwuka
Margaret Eve Oppenheimer
David Penketh
Michael Robert Saunders
Eleanor Hilary Spiegel
Charles Duncan Taylor
Michael David Taylor
Teh Pak Bee
Peter Thornton
Frederick David Upcraft
Graham Harvey Walker
Arthur Colin Waltham

PASS

Keith Challinor
Bernard Christopher Norman Roger
Holmes
Derek James
Lee Soo Long
David Walter John Oades
Tajudeen Adedapo Odofin
Christopher John Parker
Stuart Geoffrey Rudge
Mary Eileen Sales
Joanna Seymour
Francis Welch

**B.Sc. (Economics) Final Examination
1966**
(Old Regulations)

Honours

SECOND CLASS
(Upper Division)
Jacob Victor Mathias

SECOND CLASS
(Lower Division)
David Winston Berdy

**B.Sc. (Sociology) Final Examination
1966**
(Revised Regulations)

Honours

SECOND CLASS
(Upper Division)
Kenneth Robert Cook
Stephen Perry Herrick
Martin Kirby
Ross James Longhurst
Elizabeth Ann Moore
Janet Margaret Morris
Otto Newman
Philip William Powell

SECOND CLASS
(Lower Division)
Frederick Abbott
Lorna Mary Crowley
Jennifer Catherine Bracken
Catherine Cecilia Currie
Ruth Fellerman
Pamela Jean Satterthwaite
Mary Philomena Sheehan
Robert Walker

THIRD CLASS
Brian Charles Preston Abbott
Donald Maxwell Cheshire Adlington

Academic Awards

**B.Sc. (Sociology) Final Examination
1966—continued**
(Revised Regulations)

Sandra Jane Block
Teresa Jean Lear

**B.Sc. (Sociology) Final Examination
1966**
(Old Regulations)

Honours

FIRST CLASS
Jennifer Carole Metz

SECOND CLASS
(Upper Division)
Michael Norman Smith

B.A. Honours in Sociology 1966
(Revised Regulations)

SECOND CLASS
(Upper Division)
Alison Margaret Archbold
Louise Helen Margaret Hogg
Mary Celia Leonard
Patricia Mary Lowry
Barbara Schneider
Julia Lyndall Weiner

SECOND CLASS
(Lower Division)
Lydia Mary Hammond
Judith Ann Hays
Susan Howard
Noreen Joan Keech
Catherine Joan Mahoney
Hilary Susan Mapstone
Jacqueline Mary Poskitt

B.A. Honours in Anthropology 1966

SECOND CLASS
(Upper Division)
Robert Michael Carter

Linda Gillian Hilton
Robin Howard Stanworth

SECOND CLASS
(Lower Division)
Guy Gardner Ogden

B.A. Honours in Geography 1966

FIRST CLASS
Rodney Durrant Burgess

SECOND CLASS
(Upper Division)
Derek Leslie Cook
Russell Leonard King

SECOND CLASS
(Lower Division)
Catherine Campbell
Wendy May Chislett
Margaret Lilian Davis
David John Perry
Moya Patricia Pippet
Anthony Ernest Pratt
Anne Harding Reid
Christopher John Shepley

THIRD CLASS
Martyn John Hall
Christine Margaret Thomas

B.A. Honours in History 1966

FIRST CLASS
David Andrew Duncan

SECOND CLASS
(Upper Division)
Colin William Bridge
Peter Fowler
Francis Alastair Fulbrook
Madeleine Lee Geddes
John Steele Jennings

Academic Awards

B.A. Honours in History
—continued

Maurice Joseph Christian Rivalland
Eileen Anita Thistlethwaite
Rita Delia Williamson

SECOND CLASS
(Lower Division)

Howard Francis Coxon
Peter James Holly
Ian David Pinkus
Albany Grant Stewart
John Bruce Whitton

THIRD CLASS

Margaret Thelma Wilson

B.A. Honours in Philosophy and Economics 1966

FIRST CLASS

George Michael Scorey

SECOND CLASS
(Lower Division)

Geoffrey Charles Musson

LL.B. Final Examination 1966

Honours

FIRST CLASS

Anthony Stephen Grabiner
Ian David Paterson
Howard David Ross
Robert Cecil Simpson

SECOND CLASS
(Upper Division)

Kenneth Richard Ashken
Richard Mervyn Bramwell
Christopher Carr
George Reginald Travers Harpur
Henry Howland

Roy Malcolm Lewis
Daniel Gerard Robins
Geoffrey Samuel
Philip Max Weaver

SECOND CLASS

(Lower Division)

David Victor Abram
Michael John Ball
Jonathen Russell Brayshaw
Norman Roger Cheetham
Richard John Clough
Adu Kofi Djin
Anthony Albert Andreas Ehrenzweig
Peter Gorty
Russell Heaton
William Roy Heeler
Geoffrey Michael Holgate
Philip Dunsford Jenkins
Christopher David Leigh
David Richard Levene
Peter Olusegun Munis
Robert Frederick Dennis Naylor
Doris Akler Ocansey
Henry Edward Ajayi Omotoso
Michael Carl Rowe
Clifford Eric Shanbury
Neil John Shestopal
Alan Philip Stanton
Montague Frank Trent

PASS

Tamba Harlan Bona
Keith Derrick Day
Helena Sandra Faith
Robert Jeremy Francis
Philip Joseph Albert Harris
Robert Owen Jenkins
Leon Joseph Kaye
Robert Stuart Le Pla
Richard Herbert Roger Lightbourn
Anthony Gerard Patrick Tracey
Trevor Wheeler

Academic Awards

Higher Degrees 1965-1966

M.Sc.

(New Regulations)

Note: This list includes a number of students who were registered in 1964-65; the degree awarded to them bears the title M.Sc. (Econ.), but is otherwise identical with the M.Sc. (New Regulations).

Peter William Abelson
Arthur Jacob Alexander
Richard John Allard
Judith Mary Allsop
Iyiola Olajide Aluko
Steven Daniel Anderman
Gideon Adeyeye Ariyo
Steven Edward Aschheim
Arati Baksi
David George Barnum
Clive John Beattie
Gordon John Brackstone *
Adam Humphrey Charles Broadbent*
Milton Laverne Brooks
Sherrill Perkins Brown
Liam Toal Byrne
Michael Edwin Canes
George Nicholas Catephoris
Thomas Frederick Chambers
Harold Edward Champion
Carol Ann Cosgrove
Susan Cribb
Helena Cronin*
Crispin Patrick Robert Cross
Sasson Salman Daniel
Peter Davis*
Esmond Gronow Devas
Amita Dutta
Roy Harty Evans
Michael Peter Feiner
Antony Fielding
Allan Frederick Findlay*
Stanley Fischer*
George Thomas Frampton*
Jean Gaffin
Franklin Reid Gannon
Hugh Bernard Garnett
Frank Emilio Godfrey Gattoni*
Dionysius Glycopantis

Ivor Owen Grattan-Guinness
Vivienne Christine Grocock
Robert Warfield Grose
Deepti Gupta
Peter Andrew Harding*
Edward Clements Harriman
Sally Elizabeth Holtermann
Simon Richard Hunter
Jeremy Weston Hurst*
Kazi Abu Taher Mohammed Hasan
Imam
Rafael Jimenez-Larrea
Pramod Nagorao Junankar
Marian Dingman Kelly
David Kern
Emamudden Khan
Andrey Kidel
William Brock Kinnear
Stephen Kirby
Jagdish Kumar
Santosh Kumar
William Curtis Lamb
Carol Jane Lancaster
John Ivan Laskin
Ronald Saville Lessem
Michael Martin John Levin
Daniel Harris Levine
Marian Alice Limb
Thomas David Lobe
Michael John Gilbert Molyneux
Lockyer
Anthony James Longrigg
John Furlow McCracken
Douglas Jackson McCready
Charles Phillip McPherson
John Roger Mace
John Stephen Maxwell*
Jonathan Charles Menes
William George Meserve

*Mark of Distinction awarded

Academic Awards

Higher Degrees—continued
M.Sc.—continued
(New Regulations)

Joseph Leslie Metcalfe
Grayham Ernest Mizon*
Richard Colin Morris
Andrew Robert Moss*
Cornelia Benvenuta Navari
Spencer Miles Nathan
Daniel Hart Newlon
David Kenneth Nightingale
Peter O'Brien
Maurice Odle
Olasupo Abel Ojedokun
David Izumi Oyama
Ernest Henry Palfrey
Pralhad Shirabhai Patel
Abby Louise Perlman
Brian Robert Pettit
Timothy Wynne Plumptre
Philip James Purcell
Nek Mohammed Qureshi
Deo Ramprakash
Lars Bo Rasmussen
Alexander Rebmann-Huber
Roy Stephen Reeve
Liam Christopher Reynolds
John Martyn Wade Rhys
John Zenon Richardson
Paul George Rooker
Des Raj Sachdeva
Stephen Robert Sacks
Daniel Holtzman Saks
Morgan Eugene Cyril Sant
Thomas Weinel Seaman
Terence Noel Sear
Allan Howard Segal
Philip Richard Shelton
Chandra Beryl Singh*
David Howard Smith
Leslie Smith*
Zenovia Alice Sochor
Daniel Roy Spangler
Tinuke Lola Taiwo
Anthony Edward Thorndike

Maurice Ian Townsend
Ruth Marilyn Towse
Pravinchandra Kantilar Trivedi
John Ikemefuna Uyanneh
Keith Vernon
Raphael Myer Walden
Loren Kenneth Waldman
David Frederick Walsh
Helene Roberte Warning
Adrian Leonard Webb
John Kay Welsby
Joseph Charles Whittaker*
Ross Alan Williams
Jack Thomas Winkler
Frank Edwin Kaye Woodhead
Michael Youdkowski-Etgar

M.Sc. (Econ.) 1965-1966
(Old Regulations)

Marcella Jane Arnow
Jean-Paul Braibant
David Iltyd Caddick
Denis Walter Coe
Edward James Connell
John Nickolas Dragoumis
Douglas Eden
Thomas Charles Evans*
Carmel Lawrence Paul Vincent Joseph
Francis Farrugia
Peter Bernard Field
John Patrick Fox
Luis Gallastegui
Abidullah Ghazi
Gordon Neil Harding*
Balwant Govindrao Hebbalker
Everett Mayer Jacobs
Amarananda Somasiri Jayawardene
Alan Kenneth Kaplan
Michael Pierce McKeever
Mary Beatrice McNamee
Bozo Marendic
Mazi Raymond Ofoegbu
Anna Pellanda
George Selwyn Ramlackhansingh
Jennifer Ann Roberts

*Mark of Distinction awarded

Academic Awards

Higher Degrees—continued
M.Sc. (Econ.)—continued
(Old Regulations)

Kenneth Roberts
Brian Edward Rodmell
David Nicholas Martin Starkie*
Basil Venetakis
Roland Otto Cyrill Wolfram
Rashida Yusuf
Maria Dorothea Zier

M.A. 1965-1966

Martha Richmond Bladen
Shulamith Rose Decktor
Hugh James Gayler
John Anthony Glossop
Eric Keith Grime
Virginia Rose Cecilia Luling*
Howard George Horatio Nelson

LL.M. 1965

Adedokun Adebayo Adeyemi
Abdul Kader Asmal
Frank Bruce Baldwin*
Harry Conrad Batchelder
Henry Carter Carnegie
Afamdi Beluenu Chidolue
Gerald Francis Chronnell
Jill Helen Cottrell*
Kofi Kumi Dei-Anang
Adolph Chamberlain Edwards
John William Evans*
Joseph Charles Harper
Laszlo Leslie Hethelyi Hervey
Sayed Dilwar Hussain
David Adedayo Ijalaye
William Gilbert Johnson
Angus David MacAdam
Walter Karol John Mis
Abdulla Mahomed Motala
Reginald Stanley Nock*
Bhaichand Dalpat Patel
David Anthony Cathcart Simmons
Richard Arthur St. John*

*Mark of Distinction awarded

Egerton Eggherun Uvieghara
Sandra Desa Watkin-James
Peter George Whiteman*
Kenneth John Yule

Ph.D. 1965-1966

Samuel Kolade Adeyoju
Kabir Uddin Ahmad
Mohammed Ali Mohammed Salim
Al-Atraqchi
Robert Zara Apte
Iacovos Aristidou
John Michael Bamberger
Sheldon Leroy Baskin
John Holt Beaglehole
Edwin Allan Brett
John Nigel Haskings Britton
David Carlton
Nicos Eudokimou Devletoglou
Giora Doron
René Dussault
Maya Dutt
Lawrence Stewart Edwards
Michael Martin Edwards
Mohamed Ali Elleisi
Norman Paul Girvan
Jan Stafford Hogendorn
Asaana Iliasu
Taherul Islam
Karunasena Hewawasan Jayasinghe
Takeshi Kido
Roy Martindale Koerner
Diana Franklin Laurenson
Robert Levesque
James Wesley Lorimer
John Christopher Lovell
Mary Lynn McDonald
Richard Spencer Markovits
Frank Ottavio Marzari
Christopher John Maule
Nicolas Moscholios
Nicolas Mouzelis
Marshall Warne Murphree
Augustine Nnamani
Bhikhubhai Chhotalal Parekh
Frank Iorweth Parkin

Academic Awards

**Higher Degrees—continued
Ph.D.—continued**

Maurice George Pearton
John David Yeadon Peel
Emile Primorac
Geoffrey Keith Roberts
Ram Datt Sanwal
Vivian Joan Saule
Tomohiko Sekine
Ram Parkash Seth
Judith Clare Shapiro
Lawrence Silverman
Kenneth Simmonds
Olive Marjorie Stone
Mohammed Hossain Tamaddon
Jahromi
Su Mien Thio
Ronald Harvey Wagenberg
Sandra Suzanne Wallman
Thomas Rennie Warburton
Ayla Deniz Yardas

**DIPLOMAS
(Awarded by the University of London)**

**Academic Postgraduate Diploma in Law
1965**

Michael Continis
Christos Nicholas Stathopoulos

**DIPLOMAS
(Awarded by the School)**

**Diploma in Development Administration
1966**

PASS
Abdu Abubakar
Gustavo Castro Guerrero
Inci Türe Cavusoglu
Pochu Miranda Leugn
Antonio José Lopez Acosta
McLean Wanga Machinjili
Luis Roberto Gonzalez Mariscal
Modesto L. Nonato
Idris Abdullahi Sabi
Sami Yusuf Abu-Nimah Sawaya

**Diploma in Social Administration for
Graduates 1966**

DISTINCTION
Christine Mary Cunningham
Monica Mary Tomkins

PASS
Victoria Ann Allbright
Arlette Myra Bernard
Rosalind Frances Birley
Laurence Norman Coates
Wendy Edith Rose Collins
Paula Michele Day
Robert Anthony Deacon
Carole Edyth Dennett
Judith Louise Ellis
Margaret Lorna Etherington
Susan Frances Ferriss
Thomas Michael Freeman
Howard George Goodall
Gillian Mary Gorell-Barnes
Deborah Jane Teresa Halpin
Linda Hantrais
Teresa Caroline Harington Smith
Elyzabeth Lynne Harsant
Kathryn Mary Hinton
Carole Christine Holt
Annette Sheila Hooper
Eleanor Mary Hough
Linda Mary James
Robert Flint Jenkinson
Wendy Rhiannon Jones
Maria Eunice Kirby
June Patricia Ladly
Mavis Towerton Linning
Jane Helen Violet Lloyd
Sonya Austin Seymour Longfield
Karen Lyons
Anne Elizabeth Mace
Pamela Jeanne Mann
Diana Mary Roberts Marquand
Darlene Roselle Marzari
Marjorie Caroline Mayo
Dorothy Jean McCulloch
Jennifer Anne McHarg
Christina Isabelle Muir
Mary Isabel Neel

Academic Awards

**Diploma in Social Administration for
Graduates 1966—continued**

John Anthony Packer
Rosalind Margaret Peters
Janet Richards
Elena Jean Rogerson
Michael Howard Sawyer
Mary Catherine Virginia Scarfe
Stuart James Sellar
Judith Mary Sillito
Unity Jane Stack
Laura Anne Stewart
Caroline Anne Summers
Margaret Virginia Waldron
Gillian Margaret Zuill Walker
Gillian Margaret Wilce
Carolyn Persis Wodehouse

**Diploma in Social Administration for
Non-Graduates 1966**

DISTINCTION
Barry Stuart Bright
Brian Gershgorin Cohen
Andrew James Howell

PASS
Anna Millior Braithwaite
Anne Elizabeth Caswell
Gloria Christine Collins
Audrey Coyne
Geoffrey Croot
Agnes Elizabeth Darbishire
Donald Dunkley
Felix Reginald Fernando
David Fraser
Jacqueline Janet Gerrard
Eveline Ginzburg
Timothy John Hulbert
Arthur Denis Keefe
Hugh McLuskie Kerr
Christopher Robin Neubert
Judith Partridge
Gloria Denise Pemberton
Susan Caroline Mary Purches
Rachael Mary Reeves
Jetta Marilyn Thorburn
Alan William Willis

**Diploma in Social Administration for
Graduates (Overseas Course) 1966**

PASS
Elizabeth Ann Hall
John Andrew Home
Sudha Maroo
Naseem Noorani

**Diploma in Social Administration for
Non-Graduates (Overseas Course) 1966**

DISTINCTION
Florence Lydia Rossetti

PASS
Phoebe Ayoola Adejare
Grace Aduke Adetosoye
Kenneth Mario Alcedo Calvert
Abubakar Ejiko
Keath MacAlister Gardner
Brenda Goldstein
Mohipnarain Joynathsing
Sarah Ogbodadaya Mba
Rhoda Modupe Oshin
Orouwuje Palmer
Philemon Alexis Carlisle Sealy
Winston George Taylor

Diploma in Applied Social Studies 1966

DISTINCTION
Geoffrey George Sage
Jennifer Alison Shaw

PASS
Virginia D'Avray Allport
Gillian Elizabeth Birks
Sarah Eve Branton
Gerald Bredenkamp
Barrie Ann Mary Brierley
Jill Ogilvie Campbell
Gwendoline Jean Carstairs
Margaret Norah Chamberlain
Alison Moira Cheal
Patricia Margaret Cornish
Rosalie Jean Dathorne
Margaret Muriel Ellison
Margaret Eleanor Elves

Academic Awards

**Diploma in Applied Social Studies
1966—continued**

Brian Arthur Emes
David John Storrs Fox
Margaret Evelyn Franklin
Joan Glover
Anne-Marie Gabrielle Hertoghe
Joanna House
Sarah Joseph
Tai-Pin Khoo
Maureen Sylvia Mary MacDonald
Joy Rosemary McKintosh
Sylvia Olwen Manley
Roger Mattingly
Maureen Plummer
Richard Martyn Llewelyn Samuel
Daphne Mary Symon
Claire Maureen Tozer
Pamela Nora Tuffield
Janice Williams
Shirley Cecilia Wright

**Diploma for Social Workers in
Mental Health 1966**

DISTINCTION
Monica Ruth Johnson
Margaret Cynthia Hope Lester
Judith Louise Treseder

PASS
Maddage Don Harischandra
Attanayake
Rachael Birley
Royston George Borley
Frank Stephen Bryan
Margaret Elizabeth Collar
Margaret Davies
Margaret Edwina Dyne
Abdul Karrim Aboobaker Eshack
Michael Edward Farley
Graham Roger Hamblin
Ruth Mary Hobkinson
Iacovos Iacovides
Rose Lilian Ison
Barbara Johnson
William Herbert Laming

Rima Ruth Lester
Hywel Lewis
Heather Macaulay
Ann Helen McMichael
Brian Richard Munday
Alison Joanna Norman
Edith Margaret Oakley
Susan Anne Oscroft
Felicity Jane Rolfe
David Stevenson Roulston
Barbara Starkey
Konstanze Margarete Tauber
Isabel May Taylor
Eira Jane Thompson
Stella Jean Elizabeth Turk
Joan Margery Warren

Diploma in Personnel Management 1966

DISTINCTION
Geoffrey Gaines

PASS
Paul Richard Alexander Bechgaard
Newton Earle Bridglalsingh
Gillian Rosemary Burke
Pradip Kumar Chatterji
Barry Driver
John Sebastian Henley
Peter Jones
Diana Mary Leonard
Brendan Dermot Maguire
Peter Miln
Nisith Kumar Mukherjee
Bhimavarapu Papparaju
Rashmi Kant Prasad
Jeremy Esmond Pearce-Foster
Anne Lydia Roberts
Margaret Ruth Saunders
Charles Timothy Savin
Sylvia Christine Smith
Ritchie Lloyd Spencer
John William Taylor
Hugh Anthony Teasdale
Cynthia Mary Williams
Gordon Maitland Wonnacott

Athletic awards

Steel-Maitland Cup
Stuart Mervyn Alliband

Steel-Maitland Cup for Women
Shirley Patricia Campbell

Wilson Potter Cup
Christopher John Parker

Ernest Cornwall Cup
Athletics and Cross-Country Club

Wiseman Cup
The Economicals

Club Awards
Badminton: Men's Singles

Badminton: Men's Doubles

Badminton: Women's Singles

Badminton Mixed Doubles

S. H. Beaver Cricket Captain's Cup
Alan Frederick Baldwin

Cross-Country Club Cup
Kevin Michael McCahill

Lawn Tennis: Men's Singles
Klaus Dirk Henke

Lawn Tennis: Women's Singles
Jill Rawson

Open Day Awards

100 Yards Challenge Race (Men)
Michael George Boyes

440 Yards Challenge Race (Men)
Roger Nairne Blackburn

Invitation One Mile Race (Men)
David Sydney Yaffe

Gutteridge Tug-of-War Cup

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.

With the growth of the School, the opportunities for the pursuit of research have increased correspondingly. Ten years ago, the School's expenditure on research was £22,340 (4.6 per cent of its annual budget), of which £12,000 came from external sources, the rest being met from School general funds. In the session 1965-66, the figures were £202,285 (11.7 per cent) and £147,200 respectively.

8.2 per cent of the floorspace within the School's buildings is used for the accommodation of research staff and the number of persons engaged solely on research is 127. To preserve the freedom of staff to pursue research in their own way, the aim of the School has been to keep the administrative organisation concerned with research to a minimum consistent with adequate financial control and flexible enough to allow for the variety of research done and for the rapid changes in the ways in which research is pursued.

The Research Divisions

To this end, five research divisions have been set up and within the framework of annual budgets the varying needs of members of the staff can be met by them. The divisions, which embrace most members of the teaching staff, 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 Legal Research Division;
- (v) the Social Research Division, which includes the staffs of the Departments of Social Science and Administration and of Sociology;
- (vi) 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

Research

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 is being financed by the Ministry of Public Buildings and Works to undertake research into 'Contract management in the building industry'. The research objectives are to trace and evaluate the process of decision-making in a number of building projects, based upon specially chosen building projects currently under construction.

The research of the unit is under the direction of Miss B. N. Seear and Mr. K. E. Thurley. The Unit secretary is Mrs. Y. A. Wood.

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

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.

A twelfth Greater London Paper embodies the results of a study of the working of local government in six towns in south-east England to discover the comparative effectiveness of the one-tier and two-tier systems in town government.

The Group is at present engaged on the production of evidence for the Royal Commission on Local Government for which it has undertaken 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 is also preparing for the Royal Commission a report setting out what they consider to be the most important consequences of the London Government reforms and the lessons to be learnt from them.

Other projects in hand are a history of the reform of London Government and a study of the 1964 and 1967 Greater London elections.

The Group has received grants of £16,000 from the Nuffield Foundation, £8,000 from the Royal Commission on Local Government, £3,500 from the Ministry of

Research

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.

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.

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 E. H. Phelps Brown, Professor E. Devons, Professor J. Durbin, Professor F. G. Foster, Professor B. C. Roberts, Miss B. N. Seear, Professor P. J. O. Self, Professor G. S. A. Wheatcroft 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 Mr. D. M. Nelson, 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

Research

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 has 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. Anthony Costello and Mr. Keith Turner are the senior research workers in charge of these observational studies. The Director of the Unit is Dr. J. W. B. Douglas and the Secretary is Mrs. R. Whiting.

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 and acts as the adviser to the School on questions of demographic research and teaching. 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 100.)

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 has been complemented by a stratified sample survey covering a national sample of 3,000 households. This survey, multi-purpose in character, has 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 inquiry 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 likely to be 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).

Research

During the past two years the research of the Population Investigation Committee has been focussed more strictly upon questions of current marriage and fertility patterns in Britain. A pilot study has been undertaken covering questions on family size and expected additional fertility as a basis for a national enquiry.

The Committee has received financial support from many bodies including the following: Department of Scientific and Industrial Research, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Population Council Incorporated of New York, the Rockefeller Foundation.

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. Reports based on the series are now being prepared for issue in 1967 and 1968. 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.

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. In addition, reports are being prepared about several checks on the efficiency of Semantic Differential scaling techniques and about a further study of the effects of reversing scale order. Studies planned for 1967-8 include: further assessments of respondent accuracy in reporting 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 sixty business and research organisations in Britain.

The Centre is taking steps to set up a programme of research into interviewer performance and an information service designed to provide enquirers with available information about different research techniques for use in social and business research.

The Centre circulates reports of its work widely to university teachers, to other

Research

social scientists and to those conducting business research. It is directed by Dr. W. A. Belson with an Advisory Committee. Deputy Head, Mr. D. W. Osborne; Office Manager, Miss J. Mason; Head of Analysis, Mrs. B. Goundry. It has a full-time staff of seven research personnel and eighteen clerical and technical supporting staff.

Unit for Economic and Statistical Studies on Higher Education

The objects of the Unit are to do research on various economic and statistical aspects of higher education. Some of the current research relates to methods of educational planning at national level; some to the relationship between what is provided in higher education and what is needed in industry and the labour force generally; some to the financing of higher education; and some to the working of institutions of higher education. Wherever possible, the Unit's research is concerned with the position in other countries as well as Britain, and its field includes both 'developing' and advanced countries.

The main current projects are: the Use of Qualified Manpower in Industry; a Model of the Educational System; Manpower and Educational Planning in India; and the Finance of Education. Four smaller studies are also being undertaken: a study of the Educational Implications of Institutional Change with particular reference to the development of the Colleges of Advanced Technology; an assessment of the enrolment projections in the Robbins Report on Higher Education, and another of past manpower forecasts both in this country and abroad, and a pilot study to assess the feasibility of further work on industrial training. Several projects have now been completed, each resulting in a major publication: *Graduate School: A Study of Graduate Work at the London School of Economics*; *Manpower and Educational Development in India 1961-1986*, both being published in the Unit Series by Oliver and Boyd; *Statistics of the Occupational and Educational Structure of the Labour Force in 53 Countries* being published jointly with O.E.C.D. and the *Trends in University Entry: an Inter-country Comparison* to be published by O.E.C.D. Other Reports in the Unit Series are also in preparation, *The Utilization of Educated Manpower in Industry*; *Sources and Uses of Educational Finance in the United Kingdom* and *Education and Manpower: Theoretical Models and Empirical Applications*. Journal articles by members of the Unit are issued in the Unit's Reprint Series.

Financial support for the Unit comes from the Nuffield Foundation, the Department of Education and Science (four grants), the Social Science Research Council, the Ford Foundation, the Ministry of Overseas Development, The Ministry of Labour and O.E.C.D., and now totals some £210,000.

The Research Staff of the Unit is: Joint Directors, Professor C. A. Moser and Professor B. C. Roberts; Deputy Director, Mr. P. R. G. Layard; Research Secretary, Miss J. A. Pinney; 2 Research Fellows; 4 Senior Research Officers; 5 Research Officers; 10 Research Assistants; and 6 Consultants.

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

Research

co-operative projects. Particulars of gifts and grants received or notified in the session 1965-66 are given on pages 80-1 of the *Calendar*. The following list briefly describes other projects which continued during the session with grants made in earlier years.

A study of Poverty in Britain, under the joint direction of Professor B. Abel-Smith and Professor P. B. Townsend of the University of Essex, with the support of the Joseph Rowntree Memorial Trust.

Studies in Extra-familial Kinship and on Kinship and Personal Support in Pregnancy and Confinement, under the direction of Professor R. W. Firth and supported, successively, by the U.S. National Science Foundation, the Wenner-Gren Foundation for Anthropological Research and the Social Science Research Council.

Social and Economic Aspects of Gambling. A series of studies of gambling behaviour in various socio-economic contexts, directed by Mr. B. P. Davies and Dr. D. Downes and supported by the Churches' Council on Gambling.

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

The School's Computer Services, which are available to all members of the School, comprise a Computer Services Manager with a staff of Computer Programming, Operating and Advisory Staff. The Department has an I.B.M. 1440 Computer and card-punching facilities and is also responsible for liaison with outside computer services.

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

Publications

By members of the staff from 1 October 1965 to 31 July 1966

(This list includes a certain number of publications which appeared too late in 1964-65 to be included in the report for that year.)

Accounting

MR. P. A. BIRD:

- 'The Provision of Corporate Finance' (*Accountancy*, November 1965-March 1966).
- 'The Incorporation of Small Businesses: Effects of the Finance Act 1965' (*British Tax Review*, November-December 1965).
- (With C. I. Jackson) 'The Water Cure' (*British Waterworks Association Journal*, March 1966).
- 'Current Legislation and Accounting Problems in Britain' (*The Canadian Chartered Accountant*, May 1966).
- 'The New Investment Incentives—Accounting Procedures' (*The Investment Analyst*, May 1966).
- (With C. I. Jackson) 'Public Utility or Social Service?' (*Town and Country Planning*, June 1966).

MR. B. V. CARSBURG:

- 'The Contribution of P. D. Leake to the Theory of Goodwill Valuation' (*Journal of Accounting Research*, Spring 1966).
- 'The Discounted Cash Flow System' (*Local Government Finance*, February and March 1966).

PROFESSOR H. C. EDEY:

- 'Preparing for the Professions—Accounting' (*Education*, 19 November 1965).

MR. J. FLOWER:

- 'The Case of the Profitable Bloodhound' (*Journal of Accounting Research*, Spring 1966).

MR R. H. PARKER:

- 'Accounting History: A Select Bibliography' (*Abacus*, September 1965).
- 'Lower of Cost and Market in Britain and the United States: An Historical Survey' (*Abacus*, December 1965).
- 'Three Topics in the History of Accounting' (*The Accountant*, 19 February 1966).

PROFESSOR B. S. YAMEY:

- 'John Jones's *Diarium Mercatoris*' (*Accountancy*, August 1966).

Anthropology

DR. B. BENEDICT:

- People of the Seychelles* (Ministry of Overseas Development, Overseas Research Publication No. 14, H.M.S.O., 1966).
- 'Sociological Characteristics of Small Territories and their Implications for Economic Development' in M. Banton (Ed.), *The Social Anthropology of Complex Societies* (Tavistock Publications 1966).
- 'Les Problèmes de L'île Maurice' (*Le Monde Diplomatique*, April 1966).
- 'Co-operation in Primitive Human Societies' (*Eugenics Review*, June 1966).

PROFESSOR R. FIRTH:

- Malay Fishermen: Their Peasant Economy* (Revised edn., Routledge and Kegan Paul, 1966).
- 'The Meaning of Pali in Tikopia' in C. E. Bazell and others (Eds.), *In Memory of J. R. Firth* (Longmans Green, 1966).
- 'Twins, Birds and Vegetables: Problems of Identification in Primitive Religious Thought' (*Man: Journal of the Royal Anthropological Institute*, March 1966).

Publications

MR. J. A. W. FORGE:

Art and Environment in the Sepik (published in the name of Anthony Forge) (The Curl Lecture 1965) (*Proceedings of the Royal Anthropological Institute of Great Britain and Ireland for 1965*, June 1966).

DR. J. R. FOX:

'Anthropology' in K. Boem (Ed.), *University Choice* (Penguin Books, 1966).
(With L. Tiger) 'The Zoological Perspective in Social Science' (*Man: Journal of the Royal Anthropological Institute*, Vol. 1, No. 1, March 1966).
'A Prospect for Human Ethology' (*Spectrum*, May 1966).
'Kinship and Land Tenure on Tory Island' (*Ulster Folklife*, Vol. 12, 1966).

PROFESSOR M. FREEDMAN:

'A Note on the Stability of the Chinese Population in Singapore, 1947-50' (*Journal of the Malayan Branch Royal Asiatic Society*, Vol. XXXI, Part I, May 1958, published in 1966).
'The Chinese in South-East Asia: A Longer View' (*Asian Review*, N.S., Vol. 3, No. 1, April 1966).
'Shifts of Power in the Hong Kong New Territories' (*Journal of Asian and African Studies*, Vol. I, No. 1, January 1966).
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Statistics of Students

Analysis of Regular and Occasional Students, 1962-1967

	Session 1962-63	Session 1963-64	Session 1964-65	Session 1965-66	Session 1966-67
REGULAR STUDENTS—					
First Degree	1460	1478	1552	1634	1743
First Diploma	91	79	81	80	83
Higher Degree	792	854	922	970	1206
Higher Diploma and Certificate	248	247	225	220	198
Research Fee	163	189	138	125	137
Other Regular	122	150	101	89	111
TOTAL OF REGULAR STUDENTS	2876	2997	3019	3118	3478
OCCASIONAL STUDENTS	393	355	328	360	355
GRAND TOTAL	3269	3352	3347	3478	3833

Analysis of Overseas Students, 1962-1967

	Session 1962-63	Session 1963-64	Session 1964-65	Session 1965-66	Session 1966-67
REGULAR STUDENTS—					
First Degree	249	209	229	172	184
First Diploma	32	33	31	22	17
Higher Degree	426	453	471	403	583
Higher Diploma and Certificate	72	83	83	56	58
Research Fee	140	176	122	85	115
Other Regular	109	120	89	74	85
OCCASIONAL STUDENTS	203	145	208	216	198
TOTAL	1231	1219	1233	1028	1240

NOTE: For a definition of the terms 'Regular' and 'Occasional' students see page 135.

Analysis of Regular and Occasional Students, 1965-1967

REGULAR STUDENTS	SESSION 1966-67						Grand Total	SESSION 1965-66						Grand Total
	DAY STUDENTS			EVENING STUDENTS				DAY STUDENTS			EVENING STUDENTS			
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.Sc. (Economics) 1st year	302	50	352	23	3	26	1184	301	53	354	31	6	37	1127
2nd year	318	51	369	31	5	36		282	44	326	34	2	36	
3rd year	300	46	346	17	1	18		262	51	313	24	3	27	
4th year				18	3	21					20	1	21	
5th year				15	1	16					12	1	13	
B.A. (Sociology) 1st year	2	15	17				183	11	18	29				163
2nd year	12	15	27					5	13	18				
3rd year	5	13	18					—	14	14				
B.Sc. (Sociology) 1st year	23	27	50					19	22	41				
2nd year	16	23	39					21	15	36				
3rd year	19	13	32				13	12	25					
LL.B. 1st year	57	21	78				227	55	16	71	6	2	8	207
2nd year	56	16	72	8	1	9		59	9	68	10	—	10	
3rd year	52	8	60	8	—	8		46	2	48	2	—	2	
B.A. Honours Anthropology 1st year	—	—	—				13	—	2	2				9
2nd year	—	2	2					—	1	1				
3rd year	—	1	1					3	1	4				
B.Sc. (Special) Anthropology 1st year	—	—	—					1	1	2				
2nd year	1	1	2					—	—	—				
B.Sc. (Social Anthropology) 1st year	1	7	8				—	—	—					
B.A. Honours Geography 1st year	11	4	15				71	6	8	14				60
2nd year	6	8	14					8	12	20				
3rd year	8	12	20					7	6	13				
B.Sc. (Special) Geography 1st year	—	—	—					8	2	10				
2nd year	8	2	10					—	2	2				
3rd year	—	2	2				1	—	1					
B.Sc. Geography 1st year	5	5	10				—	—	—					
B.A. Honours History 1st year	9	3	12				42	14	6	20				50
2nd year	12	4	16					7	8	15				
3rd year	6	8	14					12	3	15				

Analysis of Regular and Occasional Students, 1965-1967 (Cont.)

REGULAR STUDENTS	SESSION 1966-67						Grand Total	SESSION 1965-66						Grand Total
	DAY STUDENTS			EVENING STUDENTS				DAY STUDENTS			EVENING STUDENTS			
	Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total	
B.A. Honours Philosophy and Economics 1st year	6	1	7				23	5	1	6				18
2nd year	5	—	5					5	5	10				
3rd year	6	5	11					2	—	2				
M.Sc. 1st year	309	90	399	38	10	48	1206	193	46	239	35	18	53	970
2nd year	36	8	44	36	6	42		15	6	21	11	3	14	
M.Sc. (Economics) 2nd and subsequent years	13	7	20	37	7	44		35	16	51	64	11	75	
Ph.D. 1st year	33	7	40	14	5	19		26	2	28	11	1	12	
2nd and subsequent years	104	20	124	81	16	97		113	15	128	87	12	99	
M.Phil. 1st year	71	26	97	35	8	43	377	62	23	85	45	10	55	349
2nd and subsequent years	33	9	42	38	7	45		—	—	—	—	—	—	
LL.M. 1st year	43	3	46	13	—	13		21	3	24	7	—	7	
2nd and subsequent years	6	—	6	9	—	9		11	2	13	8	1	9	
M.A. New regulations 1st year	2	—	2	1	—	1		—	—	—	—	—	—	
Old regulations 2nd and subsequent years	3	6	9	11	5	16	137	17	15	32	15	10	25	125
Research Fee 1st year	73	24	97	16	5	21		67	11	78	14	1	15	
2nd year	12	1	13	4	2	6		13	10	23	7	2	9	
University Academic Post-graduate Diploma Anthropology 1st year	2	—	2				6	1	2				3	
2nd year	—	2	2					—	—		1	—		
Law	—	—	—					—	—				1	1
Diplomas awarded by the School														
Diploma in Applied Social Studies	10	22	32				32	9	27	36				36
Diploma in Business Studies	16	1	17					17	—	15	15			
Diploma in Development Administration	18	1	19				32	10	2	12				12
Diploma in Mental Health	10	22	32					11	23	34				
Diploma in Operational Research 2nd year				5		5	5	12	1	13				13
Diploma in Personnel Management	18	13	31					31	6	26				
Diploma in Social Administration 1 year course	15	41	56				139	12	54	66				146
2 year course 1st year	18	25	43					11	29	40				
2nd year	12	28	40					23	17	40				

Analysis of Regular and Occasional Students, 1965-1967 (Cont.)

REGULAR STUDENTS	SESSION 1966-67				SESSION 1965-66			
	DAY STUDENTS		EVENING STUDENTS		DAY STUDENTS		EVENING STUDENTS	
	Men	Women	Total	Grand Total	Men	Women	Total	Grand Total
General Course	62	17	79	79	57	13	70	70
Foreign Service Course	10	1	11	11	14	—	14	14
Overseas Service Course	1	—	1	1	1	—	1	1
Trade Union Studies	20	—	20	20	18	—	18	18
TOTAL OF REGULAR STUDENTS	2196	739	2935	543	1940	650	2590	3118
OCCASIONAL STUDENTS	165	120	285	70	180	92	272	560
Grand Total	2361	859	3220	613	2120	742	2862	3478

Statistics of Students
Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Balkan States ..	70 (58)	67 (57)	58 (52)	51 (46)	7 (7)	5 (5)
France ..	9 (5)	2 (—)	7 (5)	8 (6)	10 (5)	5 (5)
Germany ..	29 (15)	29 (17)	43 (32)	43 (25)	47 (24)	43 (28)
Greece* ..	—	—	—	—	22 (20)	32 (29)
Holland ..	5 (3)	3 (2)	1 (1)	2 (2)	5 (5)	5 (4)
Italy ..	14 (11)	16 (11)	8 (8)	13 (7)	9 (4)	9 (6)
Poland ..	6 (5)	3 (3)	2 (2)	4 (4)	6 (6)	6 (6)
Russia ..	1 (—)	1 (1)	2 (2)	3 (3)	—	2 (2)
Scandinavia ..	15 (13)	14 (9)	17 (13)	11 (9)	14 (6)	9 (7)
Switzerland ..	8 (3)	9 (4)	6 (2)	4 (1)	3 (—)	7 (4)
Others ..	60 (47)	47 (32)	41 (37)	51 (40)	38 (29)	45 (40)
Total Europe ..	217 (160)	191 (136)	185 (154)	190 (143)	161 (106)	168 (136)
Burma ..	10 (10)	9 (9)	3 (3)	1 (1)	1 (1)	1 (1)
Ceylon ..	22 (20)	22 (19)	12 (12)	11 (11)	7 (7)	8 (7)
China ..	4 (4)	—	—	—	7 (6)	17 (8)
India ..	122 (117)	108 (102)	97 (94)	93 (87)	60 (58)	71 (69)
Pakistan ..	26 (25)	29 (29)	42 (42)	42 (42)	29 (29)	33 (33)
Israel ..	27 (24)	20 (17)	24 (18)	18 (16)	6 (2)	27 (26)
Japan ..	16 (13)	25 (16)	25 (19)	22 (14)	16 (2)	20 (11)
Turkey† ..	—	—	—	—	15 (9)	17 (10)
Others ..	116 (100)	119 (103)	102 (93)	101 (86)	72 (58)	76 (72)
Total Asia ..	343 (313)	332 (295)	305 (281)	288 (257)	213 (172)	270 (237)
Ghana ..	30 (30)	34 (34)	29 (28)	24 (22)	13 (12)	25 (25)
Nigeria ..	94 (90)	90 (87)	80 (76)	71 (66)	55 (53)	54 (53)
Egypt ..	16 (16)	15 (15)	16 (13)	16 (15)	13 (11)	5 (4)
South Africa ..	34 (33)	34 (32)	34 (33)	37 (32)	25 (23)	21 (21)
Others ..	67 (65)	47 (45)	57 (55)	56 (54)	47 (45)	52 (48)
Total Africa ..	241 (234)	220 (213)	216 (205)	204 (189)	153 (144)	157 (151)
Canada ..	102 (89)	93 (84)	87 (84)	92 (84)	74 (70)	103 (94)
United States ..	220 (187)	266 (191)	291 (225)	319 (236)	324 (243)	404 (316)
Others ..	4 (4)	6 (5)	5 (4)	6 (5)	1 (1)	11 (6)
Total North America ..	326 (280)	365 (280)	383 (313)	417 (325)	399 (314)	518 (416)
West Indies ..	33 (31)	33 (33)	34 (34)	43 (42)	23 (22)	27 (27)
Central America ..	10 (9)	11 (9)	4 (4)	2 (2)	4 (3)	4 (2)
South America ..	46 (37)	40 (24)	43 (36)	48 (30)	40 (20)	48 (28)
Australia ..	38 (37)	28 (27)	34 (32)	28 (25)	25 (22)	37 (34)
New Zealand ..	4 (4)	9 (9)	11 (11)	11 (11)	9 (9)	11 (11)
Fiji ..	3 (3)	2 (2)	2 (2)	2 (1)	1 (—)	—
Others ..	—	—	2 (2)	—	—	—
Total Oceania ..	45 (44)	39 (38)	49 (47)	41 (37)	35 (31)	48 (45)
Total ..	1261 (1108)	1231 (1028)	1219 (1074)	1233 (1025)	1028 (812)	1240 (1042)

The figures in brackets denote the number of Regular Students.

* Previously included in Balkan States.

† Previously included in Asia: 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) Anyone who wishes to be considered for admission to a course leading to a first degree at the School must submit an application through the Universities Central Council on Admissions, 29 Tavistock Square, London, W.C.1.

(2) Application forms and a copy of the U.C.C.A. Handbook (price 3s. 0d.), which contains a list of universities and degree courses and instructions on completing the form, can be obtained from the Secretary of the U.C.C.A. at the address given above. Students who are at school in this country, will normally receive application forms from their head teachers; overseas students should write to the U.C.C.A.

(3) Completed application forms must be returned to the U.C.C.A. and not to the School.

(4) The earliest date at which the U.C.C.A. are prepared to receive applications for admission in October 1968 is 1 September 1967. The closing date for the receipt of applications at the U.C.C.A. is 15 October 1967 for students who include Oxford or Cambridge in their choice of universities and 15 December 1967 for those who do not. 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 136-9. 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

Admission of Students

without the Director's special permission. Any candidate who wishes to enter the School before his eighteenth birthday may be asked to write to the Registrar, giving 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.

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.

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;
- 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 and 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 page 137.)

For a list of first degree courses and course requirements, see pages 138-9.

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

Admission of Students

Department or High Commission, the Ministry of Overseas Development or the British Council, 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 page 136, 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 £600 a year in addition to the fees. They may also be asked to provide a medical certificate.
- (d) Intending students from overseas are strongly advised not to set out for this country unless they have received a definite offer of a place at the School.

Degree Courses and Course Requirements

All students must satisfy the University general requirements given on page 136 as well as the course requirements for the particular degree they wish to take.

<i>Course</i>	<i>Degree</i>	<i>Faculty</i>	<i>Course Requirements</i>	<i>Additional Information</i>	<i>Page</i>
Anthropology	B.Sc.	Economics	—	O level pass in Mathematics is expected	195-7
Economics	B.Sc.(Econ.)	Economics	—	O level pass in Mathematics is expected	177-91
Geography	B.Sc.	Science	1 A level subject from the Faculty of Science list	—	198-201
Geography	B.A.	Arts	Passes at O or A level in two approved foreign languages	—	197-8
History	B.A.	Arts	Passes at O or A level in two approved foreign languages, one of which must be classical	—	201
Language Studies: Linguistics & French	B.A.	Arts	For all combinations: passes at O or A level in	This is a four-year course, one year being	202-3

Linguistics & German French & Spanish French & German French & Russian German & Spanish			two approved foreign languages. For French and Spanish one must be Latin	spent abroad	
Law	LL.B.	Laws	—	—	191-3
Mathematics	B.Sc.	Economics	—	A level pass in Pure Mathematics is expected ¹	203-4
Philosophy & Economics	B.A.	Arts	Passes at O or A level in two approved foreign languages	—	204-5
Sociology ² (Branches I & II)	B.A.	Arts	Passes at O or A level in two approved foreign languages	O level pass in Mathematics is expected	206-8, 209
Sociology ² (Branches I, II & 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 It is hoped to introduce this course in 1968	205-6

¹Or its equivalent if taken under an Examination Board other than London.

²Apply for B.A. or B.Sc., not for both.

Admission of Students

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 follow a general course of education may also apply. Graduates who wish to follow a more specialised course without preparing for a degree, should apply for Research Fee registration (see pp. 146 and 226).

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

(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 to General Course students 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 him in his selection of courses and act throughout the session as supervisor of his work.

(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 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 here, 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 Registrar of the School. Completed applications must reach the School not later than 1 May 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.

Admission of Students

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

(3) A person seeking admission as an Occasional student should obtain a form of application from the Registrar 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 was 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

Note: These regulations are under review, but remain in force until further notice, save that the Director announced in February 1967 that he had decided to give general permission under Regulation 10 to students to use the name and address of the School when sending letters to the Press, provided that in each case the status of the sender as a student rather than as a member of the staff was made clear.

1. All students shall obey all rules made and instructions given by the Director of the School or under his authority, and shall refrain from conduct derogatory to the character or welfare of the School.

2. 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, or for any other good cause.

Regulations for Students

3. Fees shall not be returnable, save that applications for their partial return may be considered in exceptional circumstances.
4. 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.
5. Students introducing visitors to School premises shall be held responsible for their conduct.
6. The School premises shall not, without permission from the Director or Secretary, be used for the sale or organised distribution of books, papers or other articles, or for the making of collections for charitable or other purposes.
7. Save as provided in regulations 8 and 9, no student shall, without the permission of the Director, use the name or address of the School, or the title of any body if that title includes the name of the School, when communicating to any person or organisation outside the School the text or sense of any resolution considered by any group or organisation of students.
8. Notwithstanding regulation 7, the Students' Union may communicate the text or sense of any such resolution, if strictly limited to matters of concern to students as such, to any organisation of students outside the School.
9. Notwithstanding regulations 7 and 10, where membership of any society is voluntary and that society is recognised by the Students' Union, a resolution of that society may be communicated to any person if (a) the communication also shows the numbers of members of the society voting for and against the resolution and (b) the terms of the resolution do not constitute an offence against any other regulation.
10. Save as provided in regulation 9, no student shall, without the permission of the Director, use the name or address of the School, or the title of any body if that title includes the name of the School, when sending any letter or other communication to the Press (other than a student publication) or when distributing any document outside the School for any purpose; save that this regulation shall not preclude any graduate student from using the address of the School when sending to persons outside the School any communication whose terms have been approved by his supervisor for the purpose of eliciting information required for his research.
11. No student shall, without the permission of the Director, use the name or address of the School when making to any public authority in the United Kingdom or elsewhere any representations on behalf of any other student or group of students of the School.
12. Any student or body of students who may appeal for funds to sources external to the School must make clear by whom the appeal is made and that it is not made by or on behalf of the School itself.
13. The address of the University must not be used when making communications to the Press, except by those to whom the University has given special permission.
14. Representatives of the Press (other than representatives of student publications) shall not, without the permission of the Director, be admitted to any meeting held in the School, or to any meeting held outside the School by a body whose title includes the name of the School; nor may any arrangement be made without his permission for any part of the proceedings of such a meeting to be reported or recorded by any broadcasting or television corporation or authority.
15. No student shall, without permission given by the Director or under his

Regulations for Students

- authority, bring or cause to be brought into any of the School premises (including Passfield Hall and the athletic ground at Malden) any alcoholic liquor.
16. Bags, coats and other possessions of students must not be left in School premises in any place in which they may cause obstruction or danger. Cloakrooms, lockers and, in some cases, special racks are provided for the convenience of students, but the School does not accept liability for any loss of personal property of students or damage to it.
 17. No gambling or betting may take place on School premises.
 18. Only those games may be played on School premises for which a student society or club has been approved.
 19. The playing of cards on School premises is prohibited save:
 - (a) in any room which may from time to time be assigned for the purpose to a student society or club, and
 - (b) in accordance with the rules of that society or club.
 20. If any offence shall be committed against any of these regulations it shall not be excused by the fact that the offender may have acted on behalf of any group or organisation of students.
 21. For any breach of these regulations a student may be fined any sum not exceeding £5, be suspended either from all use of the School or from any particular privileges, or be expelled from the School.
 22. The penalties of expulsion and of suspension for more than three months may be inflicted only by the Board of Discipline constituted by the Governors, and students subjected to these penalties shall have the right of appeal from the Board to the Standing Committee of the Governors. The other penalties may be inflicted by the Director or under his authority.
 23. In the absence of the Director or in his inability to act (including inability arising from the fact of his currently sitting as a member of the Board of Discipline) his power to suspend students may be exercised by any member of the staff of the School designated for the purpose.

Board of Discipline

The Board of Discipline consists of the Director, and two members of the Court of Governors and two Professors, appointed by the Court of Governors and the Academic Board respectively at their last ordinary meetings of each session for the session following. Three members form a quorum.

Student Activities

The particular attention of all officers of student societies is drawn to the Rules Relating to Student Activities, with which all students are required to comply. A copy of those rules is posted outside the offices of the Student's Union in the St. Clements Building.

Fees

(The fees stated are those which are applicable to the session 1967-68: they may not be valid thereafter.)

General Notes

(1) Composition fees, with the exception of those paid for a series of lectures only, entitle students to:

- (a) the use of the Library;
- (b) membership of the Students' Union, and, for students working under inter-collegiate arrangements, the use of student common rooms of the other colleges 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 Except in the case of students registered for higher degrees they also cover registration and examination fees. Students reading for higher degrees must pay university registration and examination fees in addition to the School composition fees.

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

(4) 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.

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

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

(7) The School does not issue receipts for the payment of fees by cheque unless specially required.

¹ The fees do not cover board and travel costs of vacation field-work which is compulsory for students proceeding to the B.A. or B.Sc. degrees in Geography, or to the B.Sc. (Econ.) degree with the special subject of Geography, nor do they cover the year's residence abroad normally required for the B.A. degree in Language Studies.

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

Fees

Fees for students from the United Kingdom following full-time undergraduate courses; courses leading to Academic Postgraduate Diplomas; courses leading to Diplomas awarded by the School; and Special Courses

	Sessional Fee	Terminal Fee
All first degrees Academic Diploma in Social Anthropology Diplomas in Personnel Management Social Administration Mental Health Applied Social Studies	£70	£24
Trade Union Studies	£60	£21
General Course	£100	£34
Diploma in Development Administration	£460	

In the academic year 1967-68, following the decision of the government announced in December 1966, separate fees will be charged to overseas students. For students who had started their courses before October 1967 the sessional fees given in the table above will be increased by £50; for students embarking on a new course in October 1967 the sessional fee will be increased to £250. The fee for students reading for the Diploma in Development Administration will be £460, irrespective of their country of origin.

Information as to the detailed definition of overseas students may be obtained from the Registrar.

Fees for Undergraduate Evening Courses

	Sessional Fee	Terminal Fee
B.Sc. (Econ.)	£25	£9
LL.B.	£32	£11

Fees

Fees for Full-time Graduate Courses: these fees are subject to revision. For up-to-date information about them see the pamphlet *The Graduate School*.

	Sessional Fee	Terminal Fee
Ph.D. M.Phil. Research Fee ¹	£60	£21
LL.M. ²	£90	£31
M.Sc. (One-year and first-year for students proceeding to the degree after course extending over two years) ²	£90	£31
M.Sc. (Second year)	£60	£21
Continuation fee	£10	£4

In the academic year 1967-68, following the decision of the government announced in December 1966, separate fees will be charged to overseas students. For students who had started their courses before October 1967 the sessional fees given in the table will be increased by £50; for students embarking on a new course in October 1967 the sessional fee will be increased to £250.

Information as to the detailed definition of overseas students may be obtained from the Secretary of the Graduate School.

Fees for Part-time Graduate Courses

	Sessional Fee	Terminal Fee
Ph.D.	£16	£6
M.Phil.	£16	£6
M.Sc.	£16	£6
LL.M.	£40	£14
Research Fee	£16	£6
Continuation fee	£5	

¹ 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.

² This fee includes university registration and examination fees.

Fees

Notes:—

(i) 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.

(ii) The fees cover attendance by the student at all such lectures at the School as he is advised by his supervising teacher to attend. In cases where he is advised to attend a course given at one of the other institutions of the University, the permission of the Secretary of the School must first be obtained.

(iii) 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.

Examination Fees

In addition to the tuition fees payable to the School, students reading for higher degrees (except those taking the LL.M. or M.Sc. as full-time students) will be required to pay fees for entry to examinations. These are set out below:

<i>Higher Degrees:</i>	£	s.	d.
M.Sc., M. Phil. or LL.M.	25	0	0
Ph.D.	30	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.

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 pages 153-4*).
2. The Scholarship in International Law (*see page 154*).

OVERSEAS APPLICANTS

All the awards offered are open to overseas students, and there are some for which only overseas students can 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 an award.
4. Candidates may be asked to submit an essay on an approved topic or to take the Entrance Examination (*see page 135*). 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

Scholarships, Studentships, Exhibitions, etc.

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 year in the first instance, but may be renewed for a second and third year subject to satisfactory reports on the holder's progress.

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 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 1968. 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

Scholarships, Studentships, Exhibitions, etc.

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 year in the first instance but may be renewed for a second and third year, subject to satisfactory reports on the holders' progress.

Application forms may be obtained from the 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 1968.

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.

Application forms may be obtained from the Registrar of the School and should be returned not later than 21 November in the year of award, accompanied by the names of three referees and the evidence required under regulation 3. Interviews will take place before the end of the Michaelmas term and the award will be made retrospective from the beginning of that term.

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

Scholarships, Studentships, Exhibitions, etc.

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.

Application forms may be obtained from the Registrar of the School. Completed applications, accompanied by the names of three referees and the evidence required under regulation 3 must reach him not later than 21 November in the year of award. Interviews will take place before the end of the Michaelmas term and the awards will be made retrospective from the beginning of that term.

AWARDS OFFERED BY LOCAL AUTHORITIES

Local Education Authorities throughout the country award scholarships for university study. Particulars may be obtained from Education Officers of Counties or County Boroughs and from the pamphlet *Grants to Students* published by the Department of Education and Science (H.M.S.O.). Early application is advised.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

State Scholarships for mature students are awarded annually by the Department of Education and Science to enable students over the age of 25 to pursue a full-time course of study leading to an Honours Degree in Liberal Studies.

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), 13 Cornwall Terrace, Regent's Park, N.W.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 degree of B.Sc. (Economics), 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 at 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 satisfactory progress.
5. The scholarships shall be awarded in October of each year.

Applications on the appropriate form should be made to the Registrar by 31 July.

CHARTERED INSTITUTE OF SECRETARIES SCHOLARSHIP

The Chartered Institute of Secretaries has established an undergraduate scholarship open to students of the School registered for the LL.B., B.Sc. (Econ.) or B.A. degree in Philosophy and Economics. The value of the award may be either £50 for each of two years, or £100 for the final year of the degree course.

The regulations for this scholarship are:

1. Day and evening students of the School who have passed Part I of the B.Sc. (Econ.) examination or the Intermediate Examination in Laws or have completed the first year of the B.A. course in Philosophy and Economics shall be eligible.
2. The scholarship shall be awarded on the quality of the candidates' work at the School. Candidates may also be required to attend an interview.
3. The scholarship may be tenable for one or two years. In the case of a two-year tenure, extension beyond the first year shall be dependent upon satisfactory progress.
4. The scholarship shall be awarded in October of each year, provided that a candidate of sufficient merit presents himself.

Applications on the appropriate form should be made to the 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 are candidates of sufficient merit.
4. The scholarship shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
5. The scholarship shall be awarded in October of each year.

Applications on the appropriate form should be made to the 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 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.

Scholarships, Studentships, Exhibitions, etc.

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 suitable candidates present themselves.

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 suitable candidates present themselves.

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 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.

Scholarships, Studentships, Exhibitions, etc.

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.

Candidates must apply through the Director, and applications must reach the Registrar by 15 September in the year of award.

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.

Candidates must apply through the Director and applications must reach the Registrar by 15 September in the year of award.

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 either as a full-time or as a part-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. or B.Sc. degree in Psychology, and who has completed satisfactorily one year of the course for the relevant degree in the University.
2. The scholarship will be tenable in the first instance for one year, but may be renewed on application.

Applications for the scholarship on a prescribed form, addressed to the 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 ECONOMICS¹

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

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

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

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

5. The holder of a studentship shall undertake no employment outside his graduate work without the special permission of the Director.

Applications should be made by letter giving full particulars and the names of two referees to the Secretary of the Economics Department by 1 February.

Candidates who, before 1 February, have applied to the Graduate School for admission and stated that they are applicants for the studentships need take no further action.

GRADUATE STUDENTSHIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £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 employment outside his graduate work without the special 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, whether published or in typescript, in support of their application. They should also submit the names of two referees.

LEVERHULME RESEARCH STUDENTSHIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £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 employment outside his graduate work without the special 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.

Scholarships, Studentships, Exhibitions, etc.

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, whether 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 employment outside his graduate work without the special 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, whether 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.

Scholarships, Studentships, Exhibitions, etc.

4. The holder of the studentship shall undertake no employment outside his graduate work without the special 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 employment outside his graduate work without the special 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, whether 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.

Scholarships, Studentships, Exhibitions, etc.

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, 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).

Scholarships, Studentships, Exhibitions, etc.

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 employment outside his graduate work without special 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, some 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 30 April 1968.

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 1969.

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 30 April 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 of the value of £400 is awarded every third year to women students. 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 1968.

The regulations for this studentship are:

Scholarships, Studentships, Exhibitions, etc.

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. The successful candidate shall be expected to devote her whole time to carrying on research in such fields of investigation as may be required.
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.

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

Scholarships, Studentships, Exhibitions, etc.

programme of study or research and are also invited to send original work, whether 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, whether published or in typescript, in support of their application.

MANOR TRUST

As a memorial to the late Mr. Albert Palache the Manor Trust makes donations to the School to maintain a small fund to assist students who wish to undertake research on subjects bearing on problems of Business who are unable to secure financial assistance from other sources.

This Fund is administered by the Scholarships and Prizes Committee of the School.

Further information may be obtained from the Registrar.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See pages 153-4.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 154.)

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 record shows academic promise or merit.
2. They shall be open equally to day and evening students.

Scholarships, Studentships, Exhibitions, etc.

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, which are open to all graduates of British universities normally resident in Great Britain, have at present a maximum value of £500 (or £380 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 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.

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:

Demography
Economics
Econometrics
International Relations
Industrial Relations
Political Science
Social Administration

¹Students wishing to do graduate work at the School in Accounting, Geography, History, Language Studies, Law or Philosophy should apply for a State, or Major State Studentship.

Scholarships, Studentships, Exhibitions, etc.

Social Anthropology
Social Psychology
Social Statistics
Sociology

The School will be given a quota of awards at the end of April or the beginning of May and will then be able to put forward applicants for consideration. The awards will not, however, be confirmed by the S.S.R.C. until the results of the degree examinations are known. Students who wish to be considered for S.S.R.C. awards should apply to the Secretary of the Graduate School for admission and state that they wish to be considered for an award. *Students cannot apply direct to the S.S.R.C.*

SCIENCE RESEARCH COUNCIL

The Science Research Council has accepted the following courses as suitable for the tenure of its Advanced Course Studentships:

One-year courses leading to a Master's degree in the following:

Operational Research
Philosophy¹
Statistics

The Council is also prepared this year to offer to suitable candidates a limited number of Research Studentships tenable at the School.

The Council allots a quota of Advanced Course Studentships for each approved course and of Research Studentships. Students who wish to obtain one of these studentships should state the fact when applying for admission.

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 1968. 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 will be elected by a selection committee appointed by the Committee of Management.
2. The studentship will 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 will 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 Registrar of the School. There are no special application forms.

¹ Only for students with first degrees in science or technology.

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 examination 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 £800 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 £525-£650 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £525 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 £525. 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. Candidates placed on the short list may be required to attend at the Institute for interview.

7. 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 April.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

A number of Postgraduate Studentships of £525 a year, plus tuition 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 in the first instance, but may be renewed for a second year at the discretion of the Scholarships Committee of the University.

Applications must be received by the Secretary to the Scholarships Committee,

Scholarships, Studentships, Exhibitions, etc.

University of London, W.C.1, not later than 1 March in the year of award. Further information may be obtained from him.

UNIVERSITY STUDENTSHIPS

The University proposes to offer one studentship in each of the following subjects: Anthropology, Psychology, Sociology and Laws; four studentships in Economics, four in History and two in Geography. The value of the studentships will be not less than £500 a year, plus tuition fees and, under certain conditions, payment of a grant of £25 for approved initial research expenses and payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis.

The regulations for these studentships are:

1. The studentships are open to internal and external students and will be awarded on the results of the Final examination in each of the particular subjects.
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 holder of a studentship will normally be required to carry out his graduate work in a school or institution of the University.

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 £275¹ a year.

The regulations for this studentship are:

1. Candidates must be graduates in this University of not more than three years' standing.
2. The holder of the studentship will normally be required to carry out graduate studies in a School or Institute of the University from the beginning of the University session following the award, and must satisfy the University of his intention to pursue a full-time course of research or of advanced study of a graduate nature directed towards a project of research.
3. Candidates must submit a scheme of work for the approval of the University of London.
4. The studentship will be awarded either for one year or for two years in the first instance.

¹ For the time being the University will make an additional grant of up to £250 and will also defray appropriate *tuition* fees and, under certain conditions, pay higher degree examination fees and make a grant of up to £50 towards the cost of producing a thesis.

Scholarships, Studentships, Exhibitions, etc.

5. The award will be made by the Scholarships Committee following a competitive interview.

Application must be made on a prescribed form which should be submitted to the Secretary of the Scholarships Committee not later than 1 March in the year of the award and must be accompanied by the names of not more than two persons to whom reference may be made. Where possible one of the referees quoted should be supervising the applicant's research; if this teacher is not the Head of the candidate's department the latter should be quoted as the second referee.

NOTE—Candidates are not eligible to apply until the session after they have taken their final degree examination.

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

Scholarships, Studentships, Exhibitions, etc.

will be awarded by the Scholarships Committee after considering reports from the Examiners.

SCHOLARSHIP IN LAWS

One Scholarship in Laws, to the value of approximately £50, tenable for two years, will be offered annually by the University on the results of Part II of the Final examination in Laws. The selected student must satisfy the University of his intention to pursue a part-time course of advanced study or research. No application is required. Students will be considered automatically.

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.

Scholarships, Studentships, Exhibitions, etc.

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 151.)

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 and more detailed information may be obtained from the Registrar.

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 eight 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 Special Intermediate Examination in Laws.

(i) *B.A. or B.Sc. with Honours in Sociology*; (ii) *B.A. Honours or B.Sc. in Geography*; (iii) *B.A. with Honours in History*; (iv) *B.A. with Honours in Philosophy and Economics and B.Sc. degree in Social Anthropology*: 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

Medals and Prizes

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 Computing¹ 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.

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.

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'.

Medals and Prizes

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 £15 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

Medals and Prizes

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 fieldwork.

Candidates should prepare these reports so that they can be used for teaching purposes and should submit them to the 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 field of Transport.

The prizes are open for competition to all students of the School reading for a first degree and will normally be awarded in June of each year. 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 Registrar by 31 May.

Medals and Prizes

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

A prize, founded 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, will be awarded once every three years. The value of the prize will be the income of the fund for the three years preceding the award and will normally be about £23. 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 10 years of their first graduation at any university, but allowance will be made for periods of National Service when deciding whether the candidate complies with this condition. The prize will be awarded in respect of work in the field of economic or social statistics, completed within four years prior to the closing date for entries. It will be awarded only if an adequate standard of excellence is attained.

The closing date for the next competition is 1 January 1969. The Committee of Award (established by the Standing Committee of the Court of Governors) will consist of one representative of the School, one of the Royal Statistical Society and one of the Royal Economic Society.

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 at least £1 1s. 0d. will be offered for award annually to students attending the course in Trade Union Studies. Competitors will be required to submit an essay on a subject which will be announced in the Michaelmas Term of each session. 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:

Geography, History, Language Studies, Philosophy and Economics, Sociology.

Bachelor of Science in Anthropology, Geography, Mathematics, and Sociology.

It is hoped to begin teaching at the School in October 1968 for the B.Sc. degree in Social Psychology in the Faculty of Economics.

Candidates for the degree of B.Sc. in Household Science or Estate Management will find at the School a number of courses in the subjects prescribed for their degrees, but can only take a complete course as internal students by registering at another college.

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.¹

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

Degree of Bachelor of Science in Economics

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 pages 138-9.

Regulations

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

A student is eligible to present himself for the Part I examination after having satisfactorily attended approved courses extending over one academic year.

¹ 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.

First Degree Courses

Part II is normally taken at the end of the third year. The examinations for Part I and Part II will normally be held annually in June and May respectively.

The required subjects of examination and the courses provided are as follows:

Part I

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

SUBJECT	REFERENCE Nos. OF COURSES
Compulsory Subjects	
1. Economics	9, 9(a)
2. British Government: an Introduction to Politics	560
3. History:	
<i>either (a) Economic History</i>	260
<i>or (b) Political History</i>	288-9, 304
Alternative Subjects	
4 and 5. <i>Two</i> subjects to be chosen from the following alternatives, subject to the limitations set out below:	
(1) Mathematics, <i>either (a) Basic Mathematics</i>	900, 900(a)
<i>or (b) Algebra and Methods of Analysis</i>	901, 901(a)
(2) Elementary Statistical Theory	912, 912(a)
(3) Introduction to Logic ¹	487-8
(4) Introduction to Scientific Method	485, 485(a), 488
(5) English Legal Institutions	433, 433(a)
(6) Elements of Social Structure I	834, 834(a)
(7) Structure of International Society	510, 510(a)
(8) Methods of Social Investigation	909, 909(a), 931, 931(a)
(9) Principles and Methods of Social Anthropology	640-1, 648
(10) Introduction to Psychology	700-2, 707(a)
(11) An Approved Modern Foreign Language ²	366-7, 373-4, 378-9, 383-4, 388-9
(12) Geography	183, 183(a)
(13) Economic History of England from the Norman Conquest to 1603. This paper will be divided into three sections: 1066-1216 ³ , 1216-1485, 1485-1603. Candidates must choose their questions from any two contiguous sections.	269, 269(a)

¹ This subject is recommended only for students who are interested in Mathematics and who are taking (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis at the same time.

² A pass at Advanced level in the language proposed is normally required and students taking this option should register with the Secretary of the Department of Language Studies in the first week of the session.

³ There is no teaching for this period at the School.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(14) International Law ¹	420, 420(a)
(15) Analysis and Set Theory	902

In specially approved cases a student may be permitted to substitute the subject 'Analysis and Set Theory' for one of the three compulsory subjects at Part I.

Candidates are required to select two alternative subjects 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	(1) Mathematics (a) or (b) and any one of the other alternative subjects
III. Monetary Economics	Any two of the alternative subjects
IV. Industry and Trade	(1) Mathematics (a) or (b) and any one of the other alternative subjects ²
V. Accounting and Finance	(5) English Legal Institutions and <i>either</i> (1) Mathematics (a) or (b) <i>or</i> (2) Elementary Statistical Theory
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 <i>either</i> (8) Methods of Social Investigation <i>or</i> (9) Principles and Methods of Social Anthropology
X. Statistics	(1) (b) Algebra and Methods of Analysis and <i>either</i> (2) Elementary Statistical Theory <i>or</i> (3) Introduction to Logic
XI. Computing	(1) (b) Algebra and Methods of Analysis and <i>either</i> (2) Elementary Statistical Theory <i>or</i> (3) Introduction to Logic
XII. International Relations	Any two of the alternative subjects
XIII. Social Anthropology	<i>Either</i> (9) Principles and Methods of Social Anthropology <i>or</i> (6) Elements of Social Structure I and any one of the other alternative subjects

¹ Candidates who have taken International Law at Part I will not be permitted to offer International Law at Part II.

² Candidates taking IV, 6, 7 and 8e or f at Part II will be required to have taken English Legal Institutions at Part I.

First Degree Courses

SPECIAL SUBJECT IN PART II

- XIV. International History
 XV. Geography
 XVI. Philosophy

ALTERNATIVE SUBJECTS IN PART I

- Any two of the alternative subjects
 (12) Geography and any one of the other alternative subjects
 Any two of the alternative subjects

History as an optional subject at Part II

A candidate who has taken 3 (a) Economic History at Part I is not permitted at Part II to take Economic History at the subject 'History' in papers 2 or 3; and a candidate who has taken 3 (b) Political History at Part I is not permitted at Part II to take Political History in papers 2, 3 or 8.

Part II

Special Subjects

Candidates are required to select one special subject from the sixteen listed below. There are eight papers in the examination for each special subject.

SUBJECT REFERENCE Nos. OF COURSES

I. Economics, Analytical and Descriptive

N.B. Save in the most exceptional circumstances students of the School will be required to take Public Finance under either paper 3 or paper 8; they may not take Principles of Monetary Economics under paper 8.

1. Political Thought	561-3
2. <i>One of the following:</i>	
(a) History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
(b) Introduction to Modern Mathematics ¹	900, 900(b), 900(c)
(c) Mathematics A ²	906
(d) Mathematics B	907-908(b)
3. <i>One of the following:</i>	
(a) Scientific Method	486, 486(a)
(b) Accounting—Management and Economic Aspects	133, 133(a), 136, 137, 137(a), 143, 936
(c) An Approved Modern Foreign Language	368, 369, 370, 375-7, 380-2, 385-7, 390-2
(d) Public Finance	25-26

¹ This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics at Part I.
² This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

First Degree Courses

SUBJECT

(e) Elements of Statistical Theory and Methods ¹	912-4
(f) Commercial Law	434-7
(g) Economic Geography	185-7
(h) Elements of Social Structure II ²	834-5
4. Economic Principles	14(i)-(iii), (vi), 14(ii)(a), 14(iii)(a), 15
5. Problems of Applied Economics	14(iv)-(v)(a)
6. Economic Statistics	925, 926(a), 927, 934
7. Development of Economic Analysis	17, 17(a)
8. <i>One of the following:</i>	
(a) Principles of Monetary Economics	29, 30, 30(a), 32, 32(a)
(b) International Economics	33
(c) History of Economic Thought	16, 16(a)
(d) Economics treated Mathematically	18, 18(a), 946-7
(e) Public Finance (if not taken in 3 above)	25, 25(a), 26

II. Economics and Econometrics

1. <i>Either</i>	
(a) Political Thought	561-3
or	
(b) History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
2. <i>Either</i>	
(a) Mathematics A ³	906
or	
(b) Mathematics B	907, 907(a), 908, 908(a), 908(b)
3. <i>One of the following:</i>	
(a) Elements of Statistical Theory and Methods ⁴	912, 912(a), 913, 914
(b) Statistical Theory	915-6, 922, 924
(c) Management Mathematics	915, 942, 942(a), 945-946(a)
(d) Accounting—Management and Economic Aspects	133, 133(a), 136, 137, 137(a), 143, 936
(e) Development of Economic Analysis	17, 17(a)
4. Economic Principles	14(i)-(iii), (vi), 14(ii)(a), 14(iii)(a)
5. Problems of Applied Economics	14(i)-(v), 14(iv)(a), 14(v)(a)
6. Economic Statistics	925, 926(a), 927, 934

¹ This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

² This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I.

³ This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

⁴ 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.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
7. Economics treated Mathematically	18, 18(a), 946, 946(a), 947
8. Econometrics	19, 19(a), 913
III. Monetary Economics	
N.B. Save in the most exceptional circumstances students of the School will be required to take Public Finance under paper 3 and Economic Statistics under paper 8.	
1. Political Thought	561-3
2. History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
3. <i>One of the following:</i>	
(a) Scientific Method	486, 486(a)
(b) Accounting—Management and Economic Aspects	133, 133(a), 136-7(a), 143, 936
(c) Economic Geography	185-7
(d) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2
(e) Constitutional and Administrative Law	439, 439(a)
(f) Commercial Law	434-7
(g) Elements of Social Structure II ¹	834-5(b)
(h) Mathematics A ²	906
(i) Introduction to Modern Mathematics ³	900, 900(b)-(c)
(j) Public Finance	25-6
4. Economic Principles	14(i)-(iii)(a), (vi), 15
5. Problems of Applied Economics	14(iv)-(v) (a), 23
6. Principles of Monetary Economics	29-32(a)
7. Monetary Institutions	27-8
8. <i>One of the following:</i>	
(a) History of Economic Thought	16, 16(a)
(b) International Economics	33
(c) Economic Statistics	925, 926(a), 927, 934
(d) Public Finance (if not taken in 3 above)	25, 25(a), 26
IV. Industry and Trade	
1. Economic Principles	14(i), (ii)(a), (iii), (iii)(a), (vi), 15

¹ This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I.

² This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

³ This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics at Part I.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
2. Political Thought	561-3
3. <i>Either</i>	
(a) Elements of Statistical Theory and Methods ¹	912-3, 914
or	
(b) Economic Statistics	925, 926(a), 927, 934
4. Business Administration	21, 22, 22(a)
5. Industry and Trade	20, 20(a), 21
6, 7 and 8. <i>Three of the following, to be selected by students of the School as follows:</i>	
<i>either</i> (a), (b) and one of (c), (d), (g), (h)	
or (h), (i) and either (b) or (g)	
or any three of (b), (e), (f), (g), (h)	
(Other combinations of papers may be approved.)	
(a) Development of Economic Analysis	17, 17(a)
(b) Problems of Applied Economics	14(iv)-(v)(a)
(c) History of Economic Thought	16, 16(a)
(d) Economics treated Mathematically	18, 18(a), 946-7
(e) For examination in 1968: Labour, including Law of Labour and of Social Insurance ²	} 23, 23(a), 434, 434(a), 438, 438(a)
For examination in and after 1969: Labour, including Elements of Labour Law ²	
(f) Commercial Law ²	434-6(a)
(g) Business Finance	24, 133, 133(a), 145, 146
(h) Accounting—Management and Economic Aspects	133, 133(a), 136-7(a), 143, 936
(i) Elements of Management Mathematics	909, 909(a)
(j) Mathematics A ³	906
or Mathematics B	907-8(b)
V. Accounting and Finance	
1. Political Thought	561-3
2. <i>One of the following:</i>	
(a) History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
(b) Business Administration	21-2(a)
(c) Mathematics A ³	906

¹ This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

² Candidates taking this paper will be required to have taken English Legal Institutions at Part I.

³ This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(d) Mathematics B	907-8(b)
(e) Elements of Statistical Theory and Methods ¹	912-14
(f) Economics treated Mathematically	18, 18(a), 946-7
(g) Elements of Management Mathematics	144, 144(a), 909, 909(a)
3. Economic Statistics and Business Accounts	133, 135, 909, 909(a), 925, 926(b), 939
4. Economic Principles	14(i)-(iii)(a), (vi), 15
5. <i>Either</i>	
(a) Problems of Applied Economics	14(iv)-(v)(a)
or	
(b) Industry and Trade	20-1
6. Commercial Law	142, 434, 434(a), 435, 435(a), 437
7 and 8. Accounting and Finance	133-41, 936, 939
VI. Economic History, Modern	
1. Economics	13, 13(a)
2. Political Thought	561-3
3. English Economic History, 1485-1760	263, 264, 273
4. English Economic History from 1760	264, 274
5 and 6. Economic and Political History of England in <i>one</i> 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	267-8
8. <i>One</i> of the following:	
(a) English Constitutional History since 1660	566
(b) International History since 1815	292-3, 308
(c) International Economic History, 1850-1945	303
(d) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2
(e) Scientific Method	486, 486(a)
(f) Social Philosophy	847-8, 851(a), 851(b)
(g) Elements of Social Structure II ²	834-5(b)
(h) Economic Statistics	925, 926(a), 927, 934
(i) Historical Geography	189, 210
(j) Political History	290, 305
(k) Social Aspects of Political and Economic Development	650, 651(a)

¹This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

²This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
VII. Economic History, Mediaeval	
1. Economics	13, 13(a)
2. Political Thought	561-3
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. <i>Two</i> of the following:	
(a) English Constitutional History to 1485	—
(b) English Constitutional History since 1660	566
(c) English Economic History, 1485-1760	263-4, 273
(d) English Economic History from 1760	264, 274
(e) International History since 1815	292-3, 308
(f) International Economic History, 1850-1945	303
(g) Economic History of the United States of America from 1783	267-8
(h) Political Thought (Set Texts)	587
(i) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2
(j) Scientific Method	486, 486(a)
(k) Historical Geography	189, 210
(l) Social Philosophy	847-8, 851(a), 851(b)
VIII. Government	
1. Economics	13, 13(a)
2. History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
3. <i>One</i> of the following:	
(a) English Constitutional History since 1660	566
(b) Constitutional and Administrative Law	439, 439(a)
(c) International Institutions	516, 518, 520
(d) History of Economic Thought	16, 16(a)
(e) Scientific Method	486, 486(a)
(f) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2
(g) Local Government of England and Wales	575-6
4. Political Thought	561-4
5. Political Thought (Set Texts)	587
6. The Politics and Government of the United King- dom	567-74, 610

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
7. Comparative Political Institutions	577-80(b)
8. <i>One</i> of the following:	
(a) Political Philosophy	497, 588-8(b)
(b) Contemporary Political Thought	564, 589-90
(c) The Politics and Government of a Foreign or Commonwealth Country	440, 578, 581-6(b)
IX. Sociology	
1. Economics	13, 13(a)
2. Political Thought	561-3
3. History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305
4. Theory and Methods of Sociology	832, 832(a), 840
5. Social Philosophy	847-9, 851(a), 851(b)
6. Social Structure of Modern Britain	266, 841-2
7. Essay on a Sociological Subject	—
8. <i>One</i> of the following:	
(a) Demography I	682-4(a)
(b) For examination in 1968: Psychology	} 700-5, 708(a), 708(b)
For examination in and after 1969: Social Psychology	
(c) Criminology	406, 843-6
(d) Comparative Morals and Religion	833, 833(a)
(e) Political Sociology	838, 838(a)
X. Statistics	
1. <i>Either</i> (a) Economic Principles	14(i)-(iii)(a), (vi)
or (b) Economics treated Mathematically	18, 18(a), 946-7
2. Political Thought	561-3
3. Mathematics B	907-8(b)
4. Probability, Distribution and Sampling Theory	915-6, 922-3
5. Theory of Statistical Methods	917, 919, 919(a), 921
6 and 7. <i>Two</i> of the following:	
(a) Actuarial Statistics	936-8(a)
(b) Demography II	680-1, 684-6
(c) Econometrics	19, 19(a)
(d) Numerical Methods and Programming	940-1(b), 943
(e) Management Mathematics	915, 942, 942(a), 945-6(a)

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(f) Social Statistics and Survey Methodology	921, 930, 932-3
(g) Mathematical Logic	487, 492, 492(a), 495, 507, 952(i)
(h) Economic Statistics	925, 926(a), 927, 934
8. General Statistics and Computing	918, 920, 925, 928-9, 931, 942, 942(a)
XI. Computing	
(In addition to written papers, the examination will include inspection by the examiners of note-book records of practical work done during the course of study. Logarithm and statistical tables will be provided by the University and slide rules may be brought to the examination in papers 3-8.)	
1. Economic Principles	14(i)-(iii)(a), (vi)
2. <i>Either</i> (a) Political Thought	561-3
or (b) Mathematical Logic	487, 492, 492(a), 495, 507, 952(i)
3. <i>Either</i> (a) Introduction to Modern Mathematics ¹	900, 900(b), 900(c)
or (b) Mathematics A ²	906
or (c) Mathematics B	907-8(b)
4. Elements of Computer Science	939-40(b), 944
5, 6 and 7. <i>Three</i> of the following:	
(a) Management Data Processing	133, 133(a), 143, 948
(b) Management Mathematics	915, 942, 942(a), 945-6(a)
(c) Numerical Methods and Programming	940-1(b), 943
(d) Probability, Distribution and Sampling Theory	915-6, 922, 923
(e) Social Statistics and Survey Methodology	921, 930, 932, 933
(f) Elements of Statistical Theory and Methods ³	912-4
(g) <i>Either</i> (i) Problems of Applied Economics	14(iv)-(v)(a)
or (ii) Industry and Trade	20-1
(h) Demography II	680-1, 684-6
8. General Statistics and Computing	925, 928-9, 931, 942, 942(a)
XII. International Relations	
1. Economics	13, 13(a)
2. Political Thought	561-3
3. <i>Either</i>	
(a) History:	
<i>either</i> (i) Economic History	261
or (ii) Political History	290, 305

¹ This paper may not be taken by candidates who have taken *either* (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

² This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I.

³ This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
<i>or</i>	
(b) International Law ¹	420, 420(a)
4. International History since 1815	292-3, 308
5. International Politics	511, 511(a), 514
6. Foreign Policy Analysis	512, 513, 513(a)
7. International Institutions	516, 518, 520
8. <i>One</i> of the following:	
(a) Theories of International Politics	529, 530, 530(a)
(b) The Politics of International Economic Relations	521, 521(a)
(c) Strategic Studies	523, 528
(d) Sociology of International Law	533, 533(a)
(e) International Law (if not taken at Part I or under 3) ¹	420, 420(a)
(f) International History (Special Period)	298, 299, 300, 301
(g) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2

XIII. Social Anthropology

1. Economics	13, 13(a)
2. <i>Either</i>	
(a) Political Thought	561-3
<i>or</i>	
(b) Social Aspects of Political and Economic Development	650, 651(a)
3. History:	
<i>either</i> (i) Economic History	261
<i>or</i> (ii) Political History	290, 305
4. General Principles of Cultural and Social Anthropology	643, 647, 648
5. Economic and Political Systems	644(i), 644(ii)
6. Moral and Ritual Systems	645
7. Ethnography of a Special Area	649
8. Development of Social Anthropology	646-7

XIV. International History

1. Economics	13, 13(a)
2. Political Thought	561-3
3. <i>One</i> of the following:	
(a) Economic History	261
(b) International Politics	511, 514

¹International 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.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(c) International Law ¹	420, 420(a)
(d) An Approved Modern Foreign Language	368-70, 375-7, 380-2, 385-7, 390-2
(e) Historical Geography	189, 210
(f) Economic Geography	185-7
4. International History, 1494-1815	291, 306
5. Diplomatic Relations of the Great Powers, 1815-1914	292, 307
6. International History since 1914	293-4, 296-7, 307
7. <i>One</i> of the following:	
(a) The Old Foreign Office, 1815-1878	—
(b) The Great Powers and Egypt, 1882-1888	299
(c) Great Britain and the Paris Peace Conference of 1919	300
(d) The Manchurian Crisis, 1931-1933	301
(e) Anglo-German Naval Diplomacy, 1933-1939	298
8. <i>One</i> of the following:	
(a) International Institutions	516, 518, 520
(b) International Economic History, 1850-1945 ²	303
(c) British-American-Russian Relations, 1815-1914	302
(d) Africa in International Politics, 1870-1914	295

XV. Geography

1. Economics	13, 13(a)
2. <i>One</i> of the following:	
(a) Political Thought	561-3
(b) Economic Statistics. (This option may be offered only in approved cases)	925, 926(a), 927, 934
(c) An Approved Modern Foreign Language (This option may be offered only in approved cases)	368-70, 375-7, 380-2, 385-7, 390-2
3. History:	
<i>either</i> (i) Economic History	261
<i>or</i> (ii) Political History	290, 305
4. Physical Geography	184(i), (ii), 191, 191(b)
5. Economic Geography	185-7
6. The British Isles	193
7. Europe	194, 195(ii), (iii)

¹ This paper may not be taken by candidates who have taken International Law at Part I.

² This paper may be taken only by candidates who do not offer Economic History under 3.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
8. <i>One</i> of the following:	
(a) Political Geography	189, 220-1
(b) Historical Geography	189, 210
(c) Social Geography	189, 215
(d) The Geography of an approved Region:	
<i>either</i> (i) North America	196
<i>or</i> (ii) Monsoon Asia	198
<i>or</i> (iii) Africa	199
<i>or</i> (iv) Latin America	200
<i>or</i> (v) Middle East	—
<i>or</i> (vi) U.S.S.R.	189, 201
(e) Economics of Transport	34-35(a), 219
XVI. Philosophy	
1. Economics	13, 13(a)
2. <i>Either</i>	
(a) Political Thought	561-3
<i>or</i>	
(b) Introduction to Modern Mathematics ¹	900, 900(b), 900(c)
3. <i>One</i> of the following:	
(a) History:	
<i>either</i> (i) Economic History	261
<i>or</i> (ii) Political History	290, 305
(b) Philosophy and History of Science	486, 486(a), 493-4, 508
(c) Elements of Statistical Theory and Methods ²	912, 912(a), 913, 914
4. <i>Either</i>	
(a) Moral and Political Philosophy	497, 503, 587-8, 848-9
<i>or</i>	
(b) Mathematical Logic ³	487, 492, 492(a), 495, 507, 952(i)
5. Logic and Methodology	485-7
6. History of Modern Philosophy	488, 494, 505(c)
7. Epistemology and Metaphysics	484, 491, 501, 504
8. <i>One</i> of the following:	
(a) Philosophy of Social Knowledge	489, 489(a), 502
(b) Philosophy and History of Science (if not taken in 3 above)	486, 486(a), 493-4, 508
(c) Essay on a philosophical subject	—

¹ This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics in Part I.
² This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.
³ This may be taken only by candidates taking Introduction to Modern Mathematics or who have taken (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics in Part I.

First Degree Courses

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.

Degree of Bachelor of Laws

The School provides a three-year course leading to the LL.B degree of the University of London. The University regulations are not, however, the same for all the London colleges, and the pattern of the course is unique to students of the School. Subjects which are not exclusively legal have been introduced into the new syllabus, and an attempt has been made to break down the arbitrary boundaries between legal subjects. In addition, instruction in each subject is not always limited in length to one academic year, thus making it possible to emphasise the inter-relationship between different branches of the law.

The subjects which most L.S.E. students take are taught, both in lectures and classes, at this School, but, exceptionally, arrangements will be made for students to attend other colleges of the University for instruction in subjects not taught here.

The three years of the new degree are divided into Intermediate, Part I Final and Part II Final. Intermediate and Part I examinations are held in June and September of each year, but entry to the September examination is restricted to those students who failed to satisfy the examiners in one paper in the previous June, or to whom special permission is granted in exceptional circumstances. Part II examinations are held in June only. The degree and its class are awarded on the basis of marks gained in both Part I and Part II.

The old regulations remain in effect for those students already enrolled at the School who still have to complete Part I and Part II of their degrees. For these students examinations are held in June and September for Part I, and in June only for Part II.

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 209-11).

New Regulations

INTERMEDIATE EXAMINATION

The subjects for this examination are:

SUBJECT	REFERENCE Nos. OF COURSES
(a) Public Law I	401, 401(a)
(b) Law of Contract I	402, 402(a)

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(c) Law of Tort I	403, 403(a)
(d) Law of Property I	404, 404(a)
(e) English Legal System	400, 400(a)
(f) English Economic Institutions	10

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:

SUBJECT	REFERENCE Nos. OF COURSES
(a) Criminal Law	405-6
(b) Law of Contract II	408, 408(a)
(c) Law of Tort II	408, 408(a)
(d) Law of Property II	410, 410(a)
(e) Public Law II	411, 411(a)
(f) Law and Social Policy	412

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

The examination comprises five papers, one each in (a), (b), (c), (d) and (e). Questions 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:

- (a) Jurisprudence and Legal Theory and *three* of the following:
- (b) Law of Evidence
- (c) History of English Law
- (d) Public International Law
- (e) Conflict of Laws
- (f) Mercantile Law
- (g) Labour Law
- (h) Law of Domestic Relations
- (i) Law of Administration of Estates and Trusts
- (j) Law of Business Associations
- (k) Hindu Law
- (l) Muhammadan Law
- (m) African Law

First Degree Courses

Courses in certain subjects (such as (k) and (l)) 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.

Old Regulations

(These regulations apply only to those students who registered before October 1966.)

FINAL EXAMINATION

The LL.B. degree examination is divided into two parts, and normally candidates must pass Part I before they enter for Part II.

The marks obtained in Part I of the examination will be combined with those obtained in Part II for the purpose of the classification for Honours.

Candidates who have been referred in Part I of the examination are permitted to take the referred subject alone on two further occasions only, in September or in June.

The required subjects of examination and the courses provided are shown in the following table:

Part I

SUBJECT	REFERENCE Nos. OF COURSES
1. Criminal Law <i>or</i> Indian Criminal Law <i>or</i> Roman Law	—
2. Law of Tort	407, 407(a)
3. Law of Trusts	409, 409(a)
4. <i>One</i> of the following:	
(a) English Land Law	—
(b) Principles of the Law of Evidence	—
(c) English Administrative Law	—
(d) Muhammadan Law	—
(e) Hindu Law	—
(f) African Law	—

Note: Students registered at the School will be required to take Criminal Law for paper (1) and English Land Law for paper (4), unless, for special reasons, permission is given to take one of the alternatives.

Part II

SUBJECT	REFERENCE Nos. OF COURSES
5. Jurisprudence and Legal Theory	413, 413(a)
<i>Three</i> of the following:	
6. English Land Law (if not taken at Part I)	—
7. Principles of the Law of Evidence (if not taken at Part I)	415, 415(a)

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
8. English Administrative Law (if not taken at Part I)	417, 417(a)
9. Muhammadan Law (if not taken at Part I)	—
10. Hindu Law (if not taken at Part I)	—
11. Roman Law	—
12. History of English Law	418, 418(a)
13. Public International Law	420, 420(a)
14. Conflict of Laws	422, 422(a)
15. Conveyancing	—
16. Succession, Testate and Intestate	424, 424(a)
17. Mercantile Law—Agency, Sale of Goods and Hire Purchase	426, 426(a)
18. Industrial Law	428, 428(a)
19. Law of Domestic Relations	430, 430(a), 463
20. African Law (if not taken at Part I)	—
21. Law of Business Associations	—
22. Criminal Law (if not taken at Part I)	—

Note: Students registered at the School will not be allowed to take Muhammadan Law, Hindu Law, Conveyancing or African Law unless, for special reasons, permission to do so is granted.

Degrees of Bachelor of Arts and Bachelor of Science

The School registers students for the B.A. degree with honours in Geography, History, Language Studies, Philosophy and Economics, and Sociology, and for the B.Sc. degree with honours in Anthropology, Geography, Mathematics, and Sociology. In Sociology the courses and examinations for Branches I and II of the B.Sc. degree are identical with those for the B.A. degree; the only difference lies in the entrance requirements. 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 inter-collegiate courses as may be necessary.

It is hoped to introduce an honours degree in Social Psychology in the Faculty of Economics in 1968. Details are given on pages 205–6.

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 136 and 138–9. 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.

First Degree Courses

B.A. Honours in Anthropology¹

B.Sc. (Special) in Anthropology¹

The Examination will consist of eight papers, as follows:

SUBJECT	REFERENCE Nos. OF COURSES
1. General Principles of Cultural and Social Anthropology	643, 647, 648
2. Economic and Political Systems	644(i), 644(ii)
3. Moral and Ritual Systems	—
4. Ethnography of a Special Area	649
5. The Evolution of Man	—
6. Racial Variation among Living Peoples	—
7. Archaeological Study of the Development of Culture	—
8. <i>One of the following options:</i>	
General Linguistics	—
Technology	—
The Prehistoric Archaeology of a Special Area	—
Applied Anthropology (including Race Relations)	650
Development of Social Anthropology (with special reference to Selected Texts)	647
Human Genetics	—
The Theory and Technique of Archaeology	—

Note: Other courses will be given by intercollegiate arrangement. Students are also advised to attend courses Nos. 652–4.

There will also be practical examinations with reference to the papers on the Evolution of Man, Racial Variation among Living Peoples, and the Archaeological Study of the Development of Culture and that on Technology if taken as an option.

B.Sc. in Social Anthropology

This degree was introduced in 1966 in the Faculty of Economics to replace the B.A. Honours and B.Sc. (Special) degrees in Anthropology. It 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.

¹ Only for students registered in or before 1965.

First Degree Courses

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, and must satisfy the examiners to a value of at least eight course units.

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 present B.Sc. (Econ.) Part I course in Social Anthropology, but with greater attention paid to theory and methods	1	640, 640(a)
2. Race and Culture: Outlines of human evolution and culture history as they bear on the study of society	1	642, 642(a)
3. Elementary Ethnography: Study of ethnographic texts on selected primitive and peasant societies	1	641, 641(a)
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, 643(a)
2. Political and Economic Institutions: The political, economic and legal organisation of primitive and other non-industrial societies; problems and analysis	1	644(i), 644(ii), 644(a)
3. <i>One of the following alternatives:</i>	1	
(a) Statistical and Survey Methods of Social Investigation		909, 909(a), 931
(b) Elements of Economics: an elementary course in economic analysis		9(i), 9(a)
(c) Theories and Methods of Sociology: a course in the sociological approach to society		830, 832
(d) Psychological Approaches to the Study of Society: Psychological Anthropology. Psychological approaches to the study of culture, personality and language		703

First Degree Courses

	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	—
2. <i>One of the following alternatives:</i>	1	
(a) Advanced Ethnography: the advanced study of selected primitive and other non-industrial societies		—
(b) Anthropological Linguistics:		
(i) Elementary Linguistics		—
(ii) Application of linguistic theory to anthropological problems		—
3. Advanced Theory of Social Anthropology: The advanced study of social anthropological theory and method; the development of social anthropology	1	—

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

B.A. Honours in Geography

B.Sc. (Special) Geography¹

The examination will consist of *either* NINE papers *or* EIGHT papers and an independent geographical study. The papers are as follows:

SUBJECT	REFERENCE Nos. OF COURSES
1. Physical Geography	184
2. Human Geography	189-90
3. Map Work	191, 191(a)
4. The British Isles	193, 193(a)
5. Europe	195
6. The advanced regional geography of <i>one of the following:</i>	
(i) Africa	199
(ii) Australia, New Zealand and Oceania	202
(iii) Latin America	200
(iv) Monsoon Asia	198
(v) North America	196-7
(vi) U.S.S.R.	201
(vii) Middle East	—

¹ Only for students registered in or before 1965.

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
7 and 8. <i>Two</i> papers to be chosen from the following optional subjects:	
(i) Mathematical Geography and Surveying	222-3
(ii) Geomorphology	203-5
(iii) Meteorology and Climatology	206-7
(iv) Plant Geography	208-9
(v) Economic Geography	185, 185(a), 186, 186(a), 187, 187(a), 188
(vi) Historical Geography	210, 211
(vii) History of Geographical Science and Discovery	212-3
(viii) Political Geography	220-1
(ix) Geography of Settlement	216-8
(x) Applied Geography	214

9. *Either* an additional paper chosen from the list of optional subjects under sections 7 and 8 above *or* an independent geographical study of an approved topic, not exceeding 5,000 words

Candidates will also be required to provide evidence of satisfactory work in the field and also in certain practical aspects of surveying and mapwork. There is a week's compulsory field-class, held in the Easter vacation, in each year of the course together with shorter field-classes held at weekends at various times during the session.

Under University Regulations the compulsory papers 1 to 5 may be examined on a college basis at the end of either the first or second years of study. Papers 1 to 3 may be examined at the end of the first year. In addition, students are required to follow a course of study in a subsidiary subject or subjects. Students may choose between *either* one course lasting for two years and examined at the end of the second year *or* two courses each of one year's duration, examined respectively at the end of the first and second years.

B.Sc. Geography (new regulations)

In October 1966 teaching began for the new B.Sc. degree of the University of London and all registrations for the Bachelor's Degree in Geography in the Faculty of Science at the London School of Economics are made under the new regulations. The new arrangements involve a substantial departure from the structure of the previous B.Sc. (Geography) syllabus and students should be aware that the revised curriculum and teaching programme vary from one college to another. The version of the new B.Sc. degree summarised below applies only to students registered at the London School of Economics. Courses continue to be given in the Joint School of Geography and, in many cases, students are taught in common by teachers from King's College and L.S.E. However, the introduction of separate college syllabuses for the B.Sc. (new regulations) has meant the introduction of separate teaching

First Degree Courses

provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students of the Joint School of Geography should take care to identify the courses needed to complete their specific degree requirements.

Under the new scheme, teaching is arranged on the basis of courses of study, each of which will last a year. A full course unit involves about 60-70 hours of teaching time, a half unit about half that time. Students taking the B.Sc. in the Department of Geography at the London School of Economics are advised to take a total of eleven course units over three years: four course units in their first year and another seven units spread over the two final years. Each course is usually examined at the end of the year within 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 over the three years and does not, as in the past, rest almost entirely on a Final examination.

The new degree structure allows for greater flexibility in the selection and combination of courses to be studied. Optional subjects available within Geography allow great freedom of choice and, for example, allow considerable specialisation in either regional or systematic branches of the subject. Up to three course units may be selected from subjects outside Geography and, if desired, these courses may be spread over three different subjects. A wide range of outside subjects is available including Anthropology, Demography, Economics, Economic History, Geology, Languages, Mathematics, Sociology, Statistics, etc. Selection of courses will be made in consultation with a member of the staff.

As under the previous regulations, field work is required of all students. It normally consists of three one-week field courses taken in each of the Easter vacations.

The courses are as follows:

	COURSE UNITS	REFERENCE Nos. OF COURSES
First Year		
Physical Geography	1	184
Human Geography	1	189-90
Cartography and Map Analysis	1	191, 191(a)
One Course Unit outside Geography	1	
Second and Third Years		
Compulsory Courses:		
British Isles (including Map Interpretation)	1	193, 193(a)
A Course Unit outside Geography	1	
Any Regional course from list A below	1	
Any Systematic course from list B below	1	
Three additional course units to be selected from some or all of the following:		
Courses outside Geography	$\frac{1}{2}$ or 1	
A Geographical Essay of not more than 5,000 words	$\frac{1}{2}$	
Additional Regional courses from list A	$\frac{1}{2}$ -3	
Additional Systematic courses from list B	$\frac{1}{2}$ -3	

First Degree Courses

	COURSE UNITS	REFERENCE Nos. OF COURSES
List A		
Europe: General Study; W. Europe; W. Central Europe; W. Mediterranean Europe; N. Europe; E. Central Europe	$\frac{1}{2}$ each	195
Maximum that may be taken on Europe	$1\frac{1}{2}$	
North America	$\frac{1}{2}$ or 1	196
Africa	$\frac{1}{2}$ or 1	199
Latin America	$\frac{1}{2}$ or 1	200
Monsoon Asia	$\frac{1}{2}$	198
Australia and New Zealand	$\frac{1}{2}$	202
U.S.S.R.	$\frac{1}{2}$	—
Middle East	$\frac{1}{2}$	—
List B		
Economic Geography	$\frac{1}{2}$ – $1\frac{1}{2}$	185–8
Climatology	$\frac{1}{2}$ or 1	206
Plant Geography	$\frac{1}{2}$ or 1	208
Historical Geography	$\frac{1}{2}$ or 1	210
Regional Geomorphology	$\frac{1}{2}$	204, 205
Systematic Geomorphology	$\frac{1}{2}$	203, 205
History of Geographical Science and Discovery	$\frac{1}{2}$	212
Social Geography	$\frac{1}{2}$	215
Urban Geography	$\frac{1}{2}$	—
Political Geography	$\frac{1}{2}$ or 1	220
Geography and Planning	$\frac{1}{2}$	214
Courses outside Geography		
Anthropology:		
Introduction to Social Anthropology	1	640, 640(a), 648
Man, Race and Culture	1	642, 642(a)
Demography	1	682–4
Economics:		
Elements of Economic Analysis	1	9(i), 9(a)
Economics	1	13, 13(a)
History:		
English History, 1461–1784	1	327
British History in the 19th Century	1	330
Statistics:		
Basic Mathematics	1	900, 900(a)
Algebra and Methods of Analysis	1	901, 901(a)
Elementary Statistical Theory	1	912, 912(a)
Methods of Social Investigation	1	909, 909(a), 931

First Degree Courses

	COURSE UNITS	REFERENCE Nos. OF COURSES
Geology (King's College):		
Fundamentals of Geology	1	
Stratigraphical Palaeontology	$\frac{1}{2}$	
Stratigraphy and Sedimentation	1	
World Stratigraphy	$\frac{1}{2}$	
Economic Geology	1	
Structural Geology	1	
Advanced Physical Geology	1	
Sedimentology	1	
Oceanography	$\frac{1}{2}$	
Demography:		
Elements of Demographic Analysis	1	682, 683, 684
Sociology:		
Elements of Social Structure	1	834
The Social Structure of Modern Britain	1	841
Social Administration:		
Social Administration	1	720, 721

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

The examination will consist of ten papers as follows:

SUBJECT	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, 332
(c) European History from 1500 to 1800	291, 333
(d) European History from 1800	334
6. History of Political Ideas	335–6
7. An Optional Subject	263–4, 337–9, 292–7
8 and 9. A Special Subject	340–2
10. Passages for translation into English	—

Note: The optional and special subjects are set out in the pamphlet *Regulations 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 in the Fifteenth Century; and The Eastern Question, 1875–1881.

Language Studies

Beginning in 1967, the School offers teaching for a number of two-subject combinations in the field of language studies within the framework of the newly introduced combined studies degrees in the Faculty of Arts of London University:

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. 360-392).

B.A. (Combined Subjects) in Linguistics and one Modern Language

Combinations for which the School provides teaching are Linguistics and French; and, from 1968, Linguistics and Spanish.

The subjects for examination are shown in the following table:

SUBJECT

Linguistics and French

1. Principles of Linguistics, descriptive, comparative and historical
2. General Linguistic Theory I: grammar, semantics
3. General Linguistic Theory II: phonetics, phonology
- 4 and 5. *Two* of the following:
 - (a) Historical Linguistics
 - (b) Linguistics and Language Teaching
 - (c) Sociolinguistics: language and the community
 - (d) Psycholinguistics: language and the individual
 - (e) Phonetics
 - (f) Linguistic Typology and Language Classification
6. Translation from and into French
7. Essay in French
8. History of the French Language
9. Nineteenth and Twentieth Century French Literature
10. A special subject in French

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

Linguistics and German

Teaching for this degree will not begin until October 1968. The subjects for examination are numbered differently in this Calendar from the list of subjects given in the University regulations.

1. Principles of Linguistics, descriptive, comparative and historical
2. General Linguistic Theory I: grammar, semantics
3. General Linguistic Theory II: phonetics, phonology

SUBJECT

4. Translation from and into German
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
6. Historical Linguistics
7. Linguistics and Language Teaching
8. Sociolinguistics: language and the community
9. Psycholinguistics: language and the individual
10. Phonetics
11. Linguistic Typology and Language Classification
12. Essay in German
13. The Middle High German Classical Period
14. German Literature, 1830 to the present day
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/German, German/Spanish and French/Russian will be introduced in October 1968. Syllabuses for these courses, where already approved, are given in the University of London Regulations for Internal Students.

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, L.S.E. students 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.

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

First Degree Courses

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.

The examination is divided into two parts. Part I is taken at the end of the first session and Part II at the end of the third session. A candidate is required to pass Part I before he enters for Part II.

The subjects of the examination are:

PART I

The examination consists of five papers, as follows:

SUBJECT	REFERENCE Nos. OF COURSES
1. Economics	9(i), 9(a)
2. Analysis and Set Theory	902, 904
3. Algebra and Methods of Analysis	901, 905
4. Further Algebra and Theory of Probability	903, 905
5. <i>Either (a) Elementary Statistical Theory</i> <i>or (b) Introduction to Logic</i>	912, 912(a) 487, 487(a)

Transfer between B.Sc. in Mathematics and B.Sc. (Econ.)

Subject to the approval of the School a student who has passed Part I of the B.Sc. in Mathematics may be permitted to transfer to the B.Sc. (Econ.) with direct entry to Part II.

PART II

The examination consists of eight papers, as follows:

SUBJECT

- 1 and 2. Real Variable, Analysis and Mathematical Methods
3. Algebra and Complex Analysis
4. Theory of Probability
- 5, 6, 7 and 8. Subject to the approval of the School students will be able to choose these papers from a wide variety of subjects, illustrated by the following list, which is not intended to be exhaustive:

Algebra, Complex Analysis, Topology, Stochastic Processes, Ergodic Theory, Economics treated Mathematically, Econometrics, Demography, Statistics, Computer Programming, and Numerical Analysis.

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

B.A. Honours in Philosophy and Economics

The Examination will consist of eight papers, as follows: Papers 1, 3, 4, 5, 6, 9 and any two of the papers 2, 7 and 8.

SUBJECT	REFERENCE Nos. OF COURSES
1. Modern Philosophy from Bacon and Descartes to Kant	488, 494, 505(b)

First Degree Courses

SUBJECT

REFERENCE Nos. OF COURSES

2. Epistemology and Metaphysics	484, 491, 501, 504
3. Logic and Methodology	485-7
4. <i>Either (a) Ethics</i> <i>or (b) Political Philosophy</i>	— 497, 503, 561, 563, 588, 587
5. Economic Principles	9(i), 9(ii), 9(a), 14(i)-(vi), 15
6. Problems of Applied Economics	14(iv)-14(v)(a)
7. History of Economic Thought	16, 16(a)
8. Modern Economic History, c. 1850-1939	260
9. <i>Either (a) an Essay (Topics will be selected from the syllabus of all papers, including 9 (b).)</i> <i>or (b) The Philosophy of the Social Sciences with special reference to Economics</i>	— 489, 489(a), 502

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

B.Sc. Social Psychology

In October 1968 the School hopes to begin teaching for a new degree in Social Psychology in the Faculty of Economics. This degree course will be offered only at the London School of Economics. It has been devised specifically to provide a course in Psychology of relevance to the social sciences. Psychology as taught here has an emphasis rather different from that found in most psychology departments, where its link is with the biological rather than the social sciences.

The study of society and its institutions is an essential part of the training of a social psychologist. For this reason, in Part I, the student takes two papers in either sociology or anthropology and, in Part II, an interdisciplinary paper which develops the links between psychology and other social sciences.

The aim of the course is to teach the psychology of learning, perception, thinking, emotion and language; to study personality and child development, attitude formation and group processes, and to do so within the context of the social influences to which the individual is exposed.

Teaching includes the usual lectures, classes and tutorials, but considerable importance is attached to experimental and other types of research work. Each student is required to carry out a research project.

The course extends over three years, and the examination is divided into two parts. The Part I examination is taken at the end of the second year. Candidates 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 the Part II examination. The examination results of both parts will count towards the final class of the degree.

PART I

The examination will consist of six papers:

SUBJECT

1. Biological Bases of Behaviour and Learning

First Degree Courses

SUBJECT

2. Perception and Thinking
3. Social Behaviour and Childhood
4. Methods of Social and Psychological Investigation
- 5 and 6. *Two* of the following:
 - (a) Theories and Methods of Sociology
 - (b) Comparative Social Institutions
 - (c) Social Anthropology
 - (d) Race and Culture

(Papers (a) and (b) form part of the B.Sc. (Sociology) degree, Branches I and II, and papers (c) and (d) part of the B.Sc. (Social Anthropology) degree.)

PART II

The examination will consist of four papers:

SUBJECT

7. Personality and Motivation
8. Advanced Social Psychology
9. An Interdisciplinary Paper
10. A Project or Dissertation to be handed in at the beginning of the Lent term of the third year and to carry the weight of one paper

At the discretion of the examiners, an oral examination may be given. Candidates must produce their notebooks and show that they have regularly taken part in courses of work in psychology extending over the whole course of study for the examination. This will be taken into account in assessing the project or dissertation.

Students wishing to apply for this course should first write to the Registrar for further information.

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.

There are three Branches of the degree and each Branch constitutes a more or less distinct course.

Regulations

SUBJECT

REFERENCE Nos. OF COURSES

Branch I

The examination will consist of ten written papers as follows:

- | | |
|--|--------------------------------------|
| 1. Theories and Methods of Sociology | 830, 832, 834, 834(a), 840, 849, 852 |
| 2. Statistical Methods in Social Investigation | 831, 853, 910, 930-1 |

First Degree Courses

SUBJECT

REFERENCE Nos. OF COURSES

- | | |
|---|-------------------------|
| 3. Comparative Social Institutions | 640, 837 |
| 4. Ethics and Social Philosophy | 847-8, 851 |
| 5. Social Psychology | 700-5, 707(b), 708, 742 |
| 6. Economics | 9, 9(a), 13, 13(a) |
| 7 and 8. ¹ <i>Either</i> | |
| (a) Social Structure of Modern Britain (2 papers) | 266, 841, 841(a), 842 |
| or (b) Graeco-Roman Civilisation (2 papers) | 839, 839(a) |
| or (c) European Civilisation in the Middle Ages (2 papers) ² | — |
| 9 and 10. Any <i>two</i> of the following: | |
| (a) Social Structure and Social Change | 836, 867(i) |
| (b) Social Policy and Social Administration | 720-2, 739 |
| (c) Comparative Morals and Religion | 833, 833(a) |
| (d) Criminology | 406, 843-6 |
| (e) Demography | 682-4(a), 871 |
| (f) Political Sociology | 838, 838(a) |
| (g) Industrial Sociology | — |
| (h) General Principles of Cultural and Social Anthropology | 640, 648 |

Branch II

The examination will consist of ten written papers as follows:

- | | |
|--|--|
| 1. Theories and Methods of Sociology | 830, 832, 834, 834(a), 840, 849, 852 |
| 2. Comparative Social Institutions | 640, 648, 837 |
| 3. Ethics and Social Philosophy | 847-8, 851 |
| 4. Economics | 9, 9(a), 13, 13(a) |
| 5. General Principles of Cultural and Social Anthropology | 640, 643, 647-8, 833, 833(a) |
| 6. Economic and Political Systems | 644(i)-(ii) |
| 7. Moral and Ritual Systems | — |
| 8. Ethnography of a Special Area | 649 |
| 9. Development of Social Anthropology (with special reference to selected texts) | — |
| 10. <i>One</i> of the following: | |
| (a) Social Psychology | 700, 701, 702, 703, 704, 705, 707(b), 708, 742 |
| (b) Demography | 682, 683, 684, 684(a) |
| (c) Statistical Methods in Social Investigation | 831, 853, 910, 930-1 |
| (d) Social Structure and Social Change | 836, 867(i) |

Note: In addition students are advised to attend course No. 641.

¹ Some other society or group of societies may be offered as an alternative for papers 7 and 8 with the permission of the University.

² The School does not provide tuition in this subject.

First Degree Courses

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 Economics, Statistical Methods of Social Investigation, and Ethics and Social Philosophy.

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

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
- (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.

SUBJECT	REFERENCE Nos. OF COURSES
B. Final examination	
1. British Social History in the 19th and 20th Centuries	731, 731(a), 732
2. British Political, Administrative and Legal Institutions	401, 733(a), 734, 734(a), 735
3. Economics	8, 26, 739-40, 741(c)
4. British Social Policy and Administration	720, 720(a), 721, 721(a), 722, 723, 724, 746
5. Social Investigation ¹	911, 931
6. Social Theory ¹	736, 736(a), 745(c), 830, 834, 841
7. <i>One</i> of the following:	
(a) Central and Local Government Administration	—
(b) Social Structure and Social Policy in Societies undergoing Industrialisation	4, 650, 728(b), 836, 867(i)
(c) The Structure of Social Security	—

¹ These papers will include questions on Psychology. Students should refer to Courses Nos. 700, 702, 703, 704, 705, 743, 744, 744(a).

First Degree Courses

SUBJECT	REFERENCE Nos. OF COURSES
(d) The Family in Law and in Society	737, 737(a)
(e) Industrial Sociology	—
(f) Criminology	843-6

8. A dissertation, normally limited to 5,000-7,000 words, to be presented not later than the 1st February in the year in which the final examination will be taken. The subject of the dissertation must be approved by the Board of Studies in Sociology. 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 II this degree is identical, except in title, with the B.Sc. (Soc.) degree described on pages 206-8, but since it is awarded in the Faculty of Arts the course requirement is the same as for other Arts degrees; i.e. it includes two languages, one of them classical. **Branch III is not available within the B.A. Honours degree.**

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 day 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 Registrar of the School).

Experience has shown that foreign students often have much 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.

First Degree Courses

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' (see page 209) 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 can 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 subjects of Accounting and Finance and Industry and Trade are entitled to exemption from the whole of the Part I examination 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 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.

LAW

The Bar

Exemptions are granted at the Bar examination (Part I) for graduates who have successfully completed the LL.B. degree. Details will be available on application to the Registrar.

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 Examination. 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.

First Degree Courses

The Actuarial Profession

Students who have obtained the B.Sc. (Econ.) degree with Mathematics (1) (b) in Part I and Statistics in Part II with Demography II and Actuarial Statistics as optional subjects *may* be granted exemption from the 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.

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 a short period in a central or local government department, 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 three subjects:

- (a) Governmental aspects of development
- (b) Social aspects of development
- (c) A third field of concentration

Regulations for School Diplomas

The alternatives offered under (c) will normally include Techniques and Problems of Economic Planning; Local Government and Community Development; Aims and Methods of Governmental Planning. The availability of each specialisation will depend upon individual qualifications, and the option of Economic Planning may only be taken by those with an adequate knowledge of Economics.

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 279-80 in Part III of the Calendar

Applications for admission to the course should be sent to the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, by 15 April.

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* Techniques and Problems of Economic Planning,
or 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.

Regulations for School Diplomas

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 Registrar, 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.

Regulations for School Diplomas

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. No additional fees are charged for field work, but students are expected to meet their own maintenance, fares, and other incidental expenses. No figure can be laid down for these expenses. In their own interests students are advised to gain some experience outside London and they must therefore be prepared for the additional expense which may be involved. Students who hold a local authority grant may apply for a supplementary grant to cover their practical work expenses.

Diploma for Graduate Students

The full-time course for the diploma for graduate students covers one academic year. Students are required to undertake a minimum of twelve weeks' full-time field work, six weeks of which should 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:

SUBJECT	REFERENCE Nos. OF COURSES	
	U.K.	OVERSEAS
1. Social Policy and Administration	401, 607, 720-3, 726-7, 729-30	4, 607, 720-2, 725-30
2. The Economic and Social Background to Social Policy and Administration	1, 12, 26, 739, 741, 909, 931	8, 640, 650, 741
3. Psychology and Social Structure	700-2, 742-5, 834, 841, 843	700-2, 742-5, 834, 843

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 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 must 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 must have had the year's practical experience. The Diploma course is adapted to meet the needs

Regulations for School Diplomas

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' are required to 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 have completed practical 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 shall be a graduate of a university.
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) Social Policy and Administration.
 - (2) The Economic and Social Background to Social Policy and Administration.
 - (3) Psychology and Social Structure.
5. In each subject of the examination a separate paper shall be set for students from overseas.
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 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.
8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and 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.

Regulations for School Diplomas

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 Registrar, 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 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.

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 practical 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, and this is done during the vacations.

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

SUBJECT	REFERENCE Nos. OF COURSES	
	U.K.	OVERSEAS
1. Elements of Social Analysis	834, 841, 843, 845	640, 650, 834
2. Social Policy and Administration	262, 401, 607, 720-3, 727-30	4, 607, 721-2, 726-8
3. Psychology	700-2, 742-5	701-2, 742-5
4. Social Economics	8, 12, 26, 739, 741, 909, 931	741

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 had a period of employment or other

Regulations for School Diplomas

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. Application 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 have completed practical 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 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. 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.
5. In each subject of the examination a separate paper shall be set for students from overseas.
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.

Regulations for School Diplomas

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and 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 Registrar, 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 practical 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 should have either a degree or a social science diploma, or should have had considerable industrial or commercial experience. Those without a degree or diploma should be at least 24 years of age. They 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 from 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

Regulations for School Diplomas

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.

Applicants who are overseas—other than Indians—must apply by 1 January. Applicants 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. Overseas applicants in the United Kingdom must apply direct to the School not later than 31 January and they will take the entrance examination in March.

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 Registrar, 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:

SUBJECT	REFERENCE Nos. OF COURSES
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Part I

Four papers as follows:

1. The Economics and Organisation of Business Enterprise	8, 11, 12, 144
2. Industrial Relations and Industrial Law	438, 438(a), 348-50, 352, 354

Regulations for School Diplomas

SUBJECT	REFERENCE Nos. OF COURSES
3. Industrial Psychology and Sociology	351, 351(a), 761-2, 830, 834, 909, 909(a), 935
4. Principles and Practice of Personnel Management	760, 760(a)

Part II

An oral examination based on the report of an investigation undertaken by students during the year

763

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 re-appointment 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, and 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 Registrar, 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

Regulations for School Diplomas

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. The course is run in co-operation with the Institute of Medical Social Workers, the Central Training Council in Child Care and the Probation Advisory and Training Board (Home Office). Students also accepted by either the Central Training Council in Child Care or the Probation Advisory and Training Board are eligible for grants in the normal way. Medical social work students who are not given a grant by their local education authority may be considered for a bursary from the Ministry of Health. Students who undertake child care, probation or medical social work respectively in their second field work placement are, on successful completion of the course, recognised by the appropriate body as being qualified in that particular branch of social work. They will also be able later to transfer from one branch to another after a short period of preparation for the new work. Applications are also welcomed from candidates who wish to train in Family Casework, but not necessarily to specialise in one of those branches already mentioned. Where necessary, grants may be available from local education authorities for such candidates.

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 Social Science Department, 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

Regulations for School Diplomas

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, and 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 Registrar, 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

This course is designed for trained and experienced social workers who wish to gain further understanding of the causes and treatment of personal difficulties and

problems of behaviour in children and adults. It is a recognised qualification for psychiatric social work in child guidance clinics, psychiatric and general hospitals and local authority public health departments. There are also increasing opportunities for those with this qualification in the teaching and supervision of social work students.

The content of the lecture courses and seminars may be grouped under the headings of social casework, psychiatry and mental subnormality, psychology, child development, law and administration. Field work is carried out for three days a week throughout the course under the supervision of psychiatrists and psychiatric social workers at selected child guidance clinics and psychiatric hospitals. It is designed to give experience with both adults and children, and includes attendance at case discussions and clinical demonstrations, as well as the undertaking of casework for patients and their relatives attending the various training centres.

Individual tuition is given in both the theoretical and clinical parts of the course.

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.

The minimum age for admission to the course is 22 years, but preference is given to those between 24 and 35. Applicants are expected to have had experience in employment as a social worker and also to hold a degree or certificate in the social sciences, or other educational qualifications appropriate to social work, supplemented by practical training.

Students who do not receive a grant from their local education authority may be considered for a bursary from the Ministry of Health.

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, 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 in 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, and 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 Registrar, 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.

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 1966-67, 1,354 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 degree 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 pamphlet, *The Graduate School*, issued each session, is obtainable by post on request. A copy should be obtained from the Office of the Graduate School by students applying personally for post-graduate 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, notes on library and social facilities and the details (abstracted from this calendar) of advanced lectures and seminars reserved, or regarded as specially appropriate, for graduate students.

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

For all further particulars on facilities and procedure students are referred to the pamphlet *The Graduate School*.

For fees see pages 144-7.

Higher Degrees

Candidates for internal higher degree 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. When the candidate is finally accepted by the University, he receives a copy of the full University regulations of the relevant degree. *These alone are authoritative and should be carefully retained and consulted.* Till then he can consult a copy at the Office of the Graduate School, but the School is unable to distribute copies to students. 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. Applicants should communicate directly with the Academic or External Registrar of the University of London as to the conditions and regulations.

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 actual registration (see paragraph 2 below), the final submission of examination entry-forms and theses, and detailed arrangements for the 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:

The Graduate School

- (a) Doctor of Philosophy (Ph.D.)
- (b) Master of Philosophy (M.Phil.)
- (c) Master's Degrees:
 - Master of Arts (M.A.)¹
 - Master of Laws (LL.M.)

Master of Science (M.Sc.) in the Faculties of Science, Engineering and Economics. 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.

A candidate who has been accepted by the School must register with the University as soon as he starts his course at the School.

REGULATIONS COMMON TO THE PH.D. AND MASTER'S DEGREES

1. Applications for registration (other than for the one-year M.Sc.) submitted to the University later than three months after the date on which the course was begun must be accompanied by a statement from the School in explanation of the delay. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. No retrospective registration is allowed for any period spent on the M.Sc. A full-time student may be granted retrospective registration for not more than four terms and a part-time student for not more than seven terms.

2. A candidate who has been accepted by the School must register with the University without delay. Only in special circumstances will such a student be permitted to defer completing registration for more than three months from the date on which he was notified that his application for registration was approved. 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.

3. If a student does not begin his course of study in the University within one calendar year from the date of the approval of his application for registration the approval of his application will lapse and he must apply again to the University 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 a 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

¹ The only M.A. degrees for which the School registers students at present are the M.A. History and the M.A. Area Studies.

The Graduate School

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 approximately 10 or 11½ inches by 8 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. 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. If a student who fails to pass the higher degree examination is allowed to re-enter he will be required to comply with the regulations in force at the time of his re-entry.

The Degree of Doctor of Philosophy

(See also the section above on common regulations)

1. The following are eligible, by University regulations, to apply for registration for a Ph.D. degree:

The Graduate School

- (i) A graduate of this 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 examination 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 before proceeding to the Ph.D. degree as an internal student. When applying for registration he must submit evidence of his qualifications to proceed to this degree. The Registration Form, when completed, must be returned to the Graduate Office of the School.

3. In the Faculty of Laws, he must either have obtained 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.

Courses 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 subject of his thesis for approval by the University. After the subject of the thesis has been approved it may not be changed except with the permission of the University.

The Graduate School

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.

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 subsequently to 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. Theses for the Ph.D. degrees in Anthropology, Geography and Philosophy and in the Faculty of Economics should not exceed 75,000 words in length, unless permission to exceed this limit has been granted by the University.

(d) 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, 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 Office of the Graduate School 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 paged 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 any referred candidate shall be half the normal entry fee.

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 half the normal entry fee. 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 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 who has obtained his first degree either as an Internal or External student;
- (ii) A graduate of another University;
- (iii) The holder of an approved diploma in certain approved educational institutions of University rank.

(2) A student is required to register before proceeding to a Master's degree as an internal student. 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 apply to the University for registration as a candidate for a Master's degree, on the prescribed form through the Office of the Graduate 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 student may be granted retrospective registration for another degree in respect of four terms, and a part-time student in respect of seven terms, 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 Office of the Graduate School), 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.

(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.

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 by examination in the following fields of study:

Accounting and Finance,	International History,	Social Administration and
Demography,	International Law,	Social Work Studies,
Economics,	International Relations,	Social Anthropology,
Econometrics,	Operational Research,	Social Psychology,
Economic History,	Philosophy,	Sociology,
Geography,	Planning Studies,	Statistics.
Industrial Relations,	Politics,	

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 one-year M.Sc. are required to submit their application to the University (through the Graduate School Office) NOT later than two months after the beginning of the course. There is no provision for retrospective registration for the one-year M.Sc.

The Course of Study

The course of study will extend over not less than one academic or one calendar year (see below), but a candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to extend his course over two years and to pass a qualifying or preliminary examination not less than one year before entry for the degree examination.

No candidate will be admitted to the School to follow the course of study for the M.Sc. degree except at the beginning of the session.

A candidate who has been admitted to the School as a part-time student will be required to extend his course of study over two academic or two calendar years.

The 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, by 15 January or 1 April for either the June or the September examination. This form

¹ In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics, Industrial Relations, International Law, International Relations, Operational Research, Philosophy, 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, International History, Politics, Social Anthropology, Sociology.

must be sent, duly filled up, 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.

A list of candidates for the M.Sc. examination who have satisfied the examiners, arranged in alphabetical order, will be published 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 delivered to each successful candidate, after the report of the examiners shall have been approved by the Senate.

Every candidate for the M.Sc. must at each entry to the whole examination pay a fee of £25. All cheques must be made payable to the University of London, and crossed "Westminster Bank Ltd., Tavistock Square, W.C.1, University of London Account".

The latest date for withdrawal from the examination is 1 June for the June examination, and 15 August for the September examination.

A candidate who 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, shall receive back the entry fee paid less £4.

Subjects of Study

The following is a list, arranged under branches of study, of the subjects which may be offered. Where special approval 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 branches¹.

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	Reference Nos. of Courses
---------------------------	------------------------------

The examination will consist of four papers or of three papers and an essay or report written during the course of study:

- | | |
|--|--|
| (1) Economic Aspects of Accounting I and II (2 papers) | .. 22, 137-9, 141, 149,
150, 152, 936 |
| (2) Two of the following (2 papers): | |
| (i) Economic Aspects of Accounting III | — |
| (ii) Economic Aspects of Accounting IV | — |
| (iii) Economics of Industry | 151 |
| (iv) Management Mathematics | 144, 909, 909(a) |
| (v) Mathematical Programming | 947, 971, 971(a) |
| (vi) Systems Analysis I | 975 |
| (vii) Systems Analysis II | 976, 976(a) |

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 examination in the Branch for which the candidate is registered.

The Graduate School

An essay or report of not more than 10,000 words on a topic or project within the general field of study may be substituted for one of the papers under (2).

The choice of options must be approved by the candidate's teachers.

All candidates must satisfy the examiners that they have a sufficient level of attainment in computer programming.

II. Demography

Reference Nos.
of Courses

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

- (1) Demography I 682, 684, 684(a), 687, 687(a), 689, 690
- (2) Demography II 680, 680(a), 681, 685, 687, 687(a), 688
- (3) *One* of the following:
 - (i) Methods of Sociological Study 862-3, 977, 979
 - (ii) Social Structure and Social Change —
 - (iii) Economics of Poor Countries and their Development 66-9, 86, 235
 - (iv) Economic Growth Historically Considered 279
 - (v) Problems of Public Health and Socio-medical Research 871
 - (vi) Design and Analysis of Statistical Investigation .. 955-57(a), 960, 960(a)
 - (vii) Any other subject approved by the candidate's teachers¹ —

III. Economics

Candidates will be required to choose *one* of the following four methods of taking the examination:

1. Economics

Reference Nos.
of Courses

The examination will consist of four papers as follows:

- (1) Economic Theory 38-45
- (2) Methods of Economic Investigation 38-9(a), 42-43(a), 46
- (3) *One* of the following branches (2 papers):
 - (i) Advanced Economic Theory 47-8
 - (ii) History of Economic Thought 16-7, 49
 - (iii) International Economics 50-54
 - (iv) Labour Economics 55, 55(a), 86
 - (v) Monetary Economics 27-8, 56-60
 - (vi) Economics of Public Enterprise —
 - (vii) Economics of Transport 61
 - (viii) Public Finance 62, 62(a), 458
 - (ix) Economics of Industry 63-4
 - (x) Theory of Business Decisions and Organisations.. .. 22, 22(a), 65, 65(a), 942, 947
 - (xi) Business Finance —
 - (xii) Economics of Poor Countries and their Development.. 66-9, 86, 235
 - (xiii) Agricultural Economics 70-1

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 Graduate School

Reference Nos.
of Courses

- (xiv) Economic Problems of a Particular Region (the Communist World) 72-4
- (xv) Economic Aspects of Accounting 137, 149-50, 152-3, 936
- (xvi) Any other field of economics approved by the candidate's teachers —

N.B. In session 1967-68 no teaching will be offered for papers (vi) and (xi).

2. Economics¹

The examination will consist of four papers as follows:

- (1) Economic Theory and its Applications (two papers).
- (2) Quantitative Methods of Economic Enquiry.
- (3) *One* of the fields specified under III 1. (3).

3. Economics¹

If approved by his college, the candidate may be permitted to take four papers in any one of the fields of Economics specified under III 1. (3) or three papers plus an essay of not more than 10,000 words written during the course of study and approved by the candidate's teachers.

4. Economics

In exceptional circumstances a candidate may be permitted to take four papers in any one of the fields of Economics specified under III 1. (3).

IV. Econometrics

Reference Nos.
of Courses

The examination will consist *either* of four papers, *or* of three papers and a record of practical work done during the course.

- (1) Quantitative Economics (two papers) 75-6
- (2) *One* of the following:
 - (i) Advanced Economic Analysis 77-9, 952
 - (ii) Econometric Theory 80, 80(a), 81, 961, 962
 - (iii) Economic Statistics 926(a), 934
 - (iv) Mathematical Programming.. .. . 947, 971, 971(a)
 - (v) Any other subject approved by the candidate's teachers.² —

V. Economic History

The examination will consist of three papers and an essay written during the course of study.

(1) The Sources and Historiography of Economic History in *two* of the following periods (2 papers):

- (i) England, 1380-1530 275
- (ii) England in the Seventeenth Century 263, 276
- (iii) Britain, 1783-1850 264, 266, 277

¹ This course of study is *not* available to students of the London School of Economics.

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.

The Graduate School

	Reference Nos. of Courses
(iv) Britain, 1900-1950	264, 277
(v) U.S.A., 1890-1929	278
(2) An Essay of about 10,000 words on an approved topic relating to one of the candidate's chosen periods.	
(3) One of the following:	
(i) Economic Growth Historically Considered	279
(ii) Social Structure and Social Change	—
(iii) Economic and Social Thought in one of the periods specified in (1)	—
(iv) The History of Science and Technology in Western Europe in one of the following periods: 1500-1750 or 1750-1900	—

VI. Geography

The examination will consist of four papers as follows:

(1) Modern Geographical Thought and Practice	227	
(2) Three papers taken in one or, in special cases two, of the following aspects:		
(i) Economic Geography		} Appropriate courses, including nos. 228-237, will be arranged in consultation with supervisors.
(ii) Historical Geography		
(iii) Social Geography		
(iv) Physical Geography		
(v) Cartography		
(vi) Geography of a particular Region		

As an alternative to one of these papers candidates may submit an essay of not more than 6,000 words on an approved topic.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

VII. 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 as follows:

(1) Industrial Relations (2 papers)		} Supervisors will recommend to candidates the courses appropriate for the options selected.
(2) One of the following (2 papers):		
(i) Labour Economics		
(ii) Labour History		
(iii) Labour Law		
(iv) Industrial Psychology		
(v) Industrial Sociology		
(vi) Labour Statistics and Research Methods		

VIII. International History

Candidates will be required to have a reading knowledge of one of the following languages in addition to English: French, German, Italian, Russian.

The Graduate School

The examination will consist of four papers as follows:

(1) A specified period of modern International History	} By Special arrangement. See Course No. 316
(2) An approved aspect of the candidate's chosen period, studied in relation to prescribed sources (2 papers)	
(3) Diplomatic Theory and Practice in one of the following periods:	
(i) 1688-1815	
(ii) 1815-1919	
(iii) 1919-1946	

IX. International Law

The examination will consist of four papers.

Candidates will be required to choose one of the following:

1. History of International Law
2. International Economic Law
3. International Social Law
4. Law of International Institutions
5. Legal Regulation of International Conflicts
6. Foreign and International Civil Service Law

N.B. In the session 1967-68 no teaching for branch IX of the M.Sc. will be given at the School.

X. International Relations

The examination will consist of four papers.

Candidates will be required to choose one of the following:

	Reference Nos. of Courses
1. International Politics	420, 511-2, 514, 516, 521, 524, 533, 536, 537(a), 539, 546, 547, 630
2. The Foreign Policies of the Powers	511-5, 536, 537(a)-(d), 542-3, 630
3. International Institutions	516, 520, 539, 542, 549
4. European Institutions	541, 549, 624
5. Theories of International Politics	529-30, 548
6. Strategic Studies	522-7(a), 545-6
7. International Politics of an approved region (e.g. Europe, Africa, Southern Asia, Latin America) ¹	511, 513-5, 536, 540, 542-4, 581, 614, 616, 630

XI. Operational Research

The examination will consist of five papers and a record of practical work assigned during the course.

	Reference Nos. of Courses
² (1) Either Statistical Theory I	915-7, 969
or Design and Analysis of Statistical Investigations	955, 956(ii), 956(a), 957, 957(a), 960, 960(a)

¹ There is no teaching for Latin America at present.

² In papers (1) and (2) the choice of subject must be approved by the candidate's teachers.

The Graduate School

	Reference Nos. of Courses
¹ (2) <i>Either</i> Stochastic Processes and Applications	915, 950, 950(a), 970, 970(a)
<i>or</i> Statistical Theory II	949-952(i), 953
(3) Mathematical Programming	947, 971, 971(a)
(4) <i>Two</i> of the following:	
(i) Operational Research Methods	706, 973
(ii) Management Accounting	137, 153, 936
(iii) Automatic Data Processing	939-40, 966-8, 968(a)
(iv) Econometric Theory	80, 80(a), 961, 962
(v) Systems Analysis I	975
(vi) Systems Analysis II	976, 976(a)
(vii) Any other subject approved by the candidate's teachers ²	

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.

XII. *Philosophy*

The examination will consist of four papers.

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

	Reference Nos. of Courses
1. Logic	
(1) Mathematical Logic	490, 492, 492(a), 495-6, 500, 952(i)
(2) <i>Three</i> of the following:	
(i) Philosophy of Mathematics	—
(ii) History of Logic	—
(iii) Introduction to Modern Mathematics	487, 900
(iv) Foundations of Probability and Statistics	500, 915
(v) Advanced Scientific Method	491
(vi) History of Epistemology	488, 491, 499
(vii) Selected Topics in the History of Science	493
2. Scientific Method	
(1) Advanced Scientific Method	491, 499
(2) <i>Three</i> of the following:	
(i) History of Epistemology	488, 491, 499
(ii) History of Logic	—
(iii) Elements of Mathematical Logic	490, 492, 492(a), 495, 500, 952(i)
(iv) Foundations of Probability and Statistics	500, 915
(v) Selected Topics in the History of Science	493-4
(vi) Methodology of the Social Sciences	489, 489(a), 502

¹ In papers (1) and (2) the choice of subject must be approved by the candidate's teachers.

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.

The Graduate School

XIII. *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.	14(i)-(iii), 14(a), 83
(2) Administration in Regional and Urban Planning	575-6(a), 607, 607(a), 609, 609(a)
(3) Geographical Aspects of Regional and Urban Planning	214, 227, 227(a), 238-9
(4) <i>Either</i> an essay of not more than 10,000 words on an approved topic ¹ <i>Or</i> 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.

XIV. *Politics*

The examination will consist of four papers.

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

	Reference Nos. of Courses
1. History of Political Thought	599
2. The Politics and Government of the United Kingdom	600
3. Comparative Government	601
4. Political Sociology	574, 581, 590, 602-6, 630, 832, 838, 849, 869
5. Theory and Practice of Public Administration	5, 576, 576(a), 607-8, 610-13
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.)	5, 234, 581, 614-17, 620, 628

XV. *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:—

Either A.

	Reference Nos. of Courses
(1) Social Policy and Administration	747
(2) <i>Two</i> of the following:	
(i) Medical Care	748
(ii) Social Security	749
(iii) Welfare Services	750

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

	Reference Nos. of Courses
(iv) Housing and Town Planning	609, 751
(v) Community Development	725-6, 752
(vi) The Sociology of Family Law	—
(vii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers)	—
(3) An essay of not more than 10,000 words on a topic approved by the candidate's teachers. ¹	

Or B.

- (1) Social Work Studies.
- (2) Social Problems and Social Services.
- (3) Mental Health and Mental Disorder.

Candidates for option B. must also attain a satisfactory standard in field work. The assessment of field work will be based on supervisors' reports and on an essay dealing with an aspect of this work approved by the candidate's teachers. Supervisors will recommend appropriate courses for option B.

XVI. Social Anthropology

The examination will consist of four papers, as follows:

- | | |
|---|--|
| (1) Development of Social Anthropology | Supervisors will recommend to candidates the courses appropriate for the options selected. |
| (2) <i>One</i> of the following subjects (2 papers): | |
| (i) Theory of Kinship | |
| (ii) Economic Anthropology | |
| (iii) Political Anthropology | |
| (iv) Anthropological Studies of Religion and Morals | |
| (3) <i>One</i> of the following subjects (1 paper): | |
| (i) Social Anthropology of Complex Societies | |
| (ii) Applied Anthropology | |
| (iii) Race Relations | |
| (iv) Regional Ethnography—a specialist study.. .. . | |

XVII. Social Psychology

The examination will consist of four papers and a report on practical work.

<i>Compulsory Papers</i>	Reference Nos. of Courses
(1) Theories and Concepts of Social Psychology	711
(2) Social Psychological Methods of Research	715
(3) <i>Two</i> of the following:	
(i) Personality and Child Development	717
(ii) Psychology of Language	704, 713, 714
(iii) Groups and Group Functioning	718
(iv) Social Psychology of Industrial and Other Organisations	—
(v) Social Psychology of Conflict	—
(vi) Communication, Attitude Change and Innovation	705, 712

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) Social Psychology of Education and Work	705, 719
(viii) Selected Issues in Social Psychology	—

One (or two) papers from another branch of the M.Sc. may be substituted for one (or two) of the papers under (3), if the candidate's teachers approve.¹

XVIII. Sociology

The examination will consist of four papers of which papers (1) and (2) in the list below are compulsory.

	Reference Nos. of Courses
(1) Sociological Theory	832, 860, 861
(2) Methods of Sociological Study	862, 863, 909, 909(a), 931, 977, 979
(3) Social Structure of Industrial Societies	—
(4) Sociology of Education	866, 866(a)
(5) Sociology of Deviant Behaviour	864
(6) Industrial Sociology	—
(7) Social Structure and Social Change	—
(8) Social Structure of Non-industrial Societies	—
(9) Sociology of Development (with special reference to one region, e.g., Japan or Latin America)	234, 867, 872-4, 876
(10) Demography I	682, 684, 684(a), 687, 687(a), 689, 690
(11) Race Relations	—
(12) Theories and Concepts of Political Sociology	574, 590, 603-6, 630, 638, 849
(13) Political Stability and Change	574, 581, 590, 603-6, 630, 838, 849
(14) The Study of Political Behaviour	574, 630, 838, 849, 869

Those wishing to take a paper in Social Psychology as one of their optional papers may choose any one of the subjects offered in the M.Sc. in Social Psychology.

N.B. In session 1967-68 no teaching will be offered for papers (3), (6), (7), (8) and (11).

XIX. Statistics

The examination will consist of three papers and a record of practical work² done during the course. At least one paper must be taken from those numbered (1), (2) and (3).

	Reference Nos. of Courses
(1) Statistical Theory II	949-51(a), 952(i), 953
(2) Statistical Theory III	954-956(a), 961, 962
(3) Design and Analysis of Statistical Investigation	955, 956(a), 956(ii), 957, 957(a), 960, 960(a)
(4) Economic Statistics	926(a), 934
(5) Social Statistics	680, 930, 932, 933
(6) Econometric Theory	80, 80(a), 961, 962

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 Courses 963, 964.

The Graduate School

	Reference Nos. of Courses
(7) Mathematical Programming	947, 971, 971(a)
(8) Survey Theory and Methods	862, 931, 932, 958, 958(a), 959
(9) Statistical Methods in Psychology	—
(10) Educational Statistics	—
(11) Demography III	680-81, 685, 686, 687(a), 688
(12) Any other topic approved by the candidate's teachers ¹	

THE DEGREE OF MASTER OF ARTS (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 MASTER OF ARTS (M.A.) IN AREA STUDIES

The examination will be taken with reference to *one* of the following areas: Africa, Commonwealth, Eastern Europe and Russia, Far East, Latin America, Near and Middle East, South Asia, South-East Asia, United States of America.

The course for a suitably qualified whole-time student will extend over not less than one academic year.

- (i) The examination will consist of (a) either two papers or one paper and an essay of about 10,000 words in a major subject and (b) either two papers in a minor subject or one paper in each of two minor subjects.

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 Graduate School

(ii) The major and minor subjects must be selected from the following:

- | | |
|----------------------|-----------------------------|
| (a) Anthropology | (h) International Relations |
| (b) Archaeology | (i) Law |
| (c) Economic History | (j) Literature |
| (d) Economics | (k) Music |
| (e) Education | (l) Politics |
| (f) Geography | (m) Religious Studies |
| (g) History | (n) Sociology |

(iii) The written examination will take place annually in June and the essay, if any, will be presented before October of the same year.

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 it. It must not exceed 55,000 words.

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.

Candidates should bring the title for approval into the Graduate School Office before the end of the first session.

The Graduate School

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 re-submit 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, arranged in alphabetical order, will be published 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.

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.

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 as a full-time student, not more than four terms or as a part-time student, not more than seven terms of the period during which he was registered for the M.Phil. degree towards the qualifying period for the Ph.D. degree.

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 and 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.

The Graduate School

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.

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.
- (2) Legal History.
- (3) Administrative Law and Local Government Law.
- (4) Constitutional Laws of the Commonwealth, I.
- (5) Constitutional Laws of the Commonwealth, II.
- (6) Company Law¹.
- (7) Insurance (excluding Marine Insurance).
- (8) Marine Insurance.
- (9) Carriage of Goods by Sea.
- (10) Maritime Law (excluding Carriage of Goods by Sea and Marine Insurance).
- (11) Law of Personal Taxation.
- (12) Law of Business Taxation.
- (13) Law of Mortgages and Charities.
- (14) Law of Landlord and Tenant.
- (15) Planning Law.
- (16) Law of Estate Planning.
- (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.
- (21) Comparative Criminal Law and Procedure.
- (22) Comparative Conflict of Laws.
- (23) Comparative European Law.
- (24) Comparative Family Law.
- (25) History of International Law.
- (26) Law of International Institutions.
- (27) Law of European Institutions.
- (28) Air and Space Law.
- (29) International Law of the Sea.
- (30) International Law of War and Neutrality.
- (31) International Economic Law.
- (32) African Law.
- (33) Hindu Law.
- (34) Muhammadan Law.
- (35) Criminology.

¹ This subject may not be taken by candidates who have taken 'Law of Business Associations' at the LL.B.

The Graduate School

A candidate may, in exceptional cases and by special permission of the Board of Studies in Laws, select one (or two) of the following subjects as replacements for one (or two) of the preceding subjects:

- (36) Social Security.
- (37) Sociology of Family Law.
- (38) Social Structure of Industrial Societies.
- (39) Survey Methods.
- (40) Social Statistics.
- (41) The International Political System.
- (42) Problems of International Theory.

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

The Academic Postgraduate 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 pamphlet *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.

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) Ethnography of a region with special reference to selected peoples (any region indicated for the Honours Degree in Anthropology examination may be offered for the Diploma). Consideration will be given to the major indigenous institutions and their significance in modern conditions.
- (v) One of the following options:
 - (a) Applied Social Anthropology.
 - (b) Social Anthropological Studies of Sectors of Complex Modern Societies.
 - (c) General Principles of Linguistics.
 - (d) Primitive Technology.
 - (e) An essay consisting of a paper of 3 hours, relating to a subject within the fields of the first three papers.

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.

Regulations for Academic Diploma

At the discretion of the examiners there may be an oral or a practical examination in any subject, in addition to the written examination in that subject.

Candidates shall not be approved by the examiners unless they have shown a competent knowledge in all the branches prescribed for the examination.

A student shall enter for the whole examination at the end of his two-year course.

A provisional list of successful candidates, arranged in alphabetical order, will be published by the Academic Registrar on 27 July. A Mark of Distinction will be placed against the names of those candidates who show exceptional merit.

Enquiries about this diploma should be addressed to the Secretary of the Graduate School.

Dates of Examinations

(INTERNAL STUDENTS)

1967-1968

Entry forms for these 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 forms to the University. A time-table of the examination is sent to each student by the University in advance of the examination.

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 1968
Examination begins	6 June 1968
B.Sc. (Econ.) Final, Part II	
Entry closes	1 February 1968
Examination begins	20 May 1968
B.Sc. (Soc.)	
Entry closes	1 February 1968
Examination begins	30 May 1968
B.Sc. (Special) Anthropology	
Entry closes	15 February 1968
Examination begins	30 May 1968
B.Sc. in Social Anthropology, Part I	To be announced
B.Sc. (Special) Geography	
Entry closes	15 February 1968
Examination begins	30 May 1968
B.Sc. Mathematics, Part I	
Entry closes	1 February 1968
Examination begins	6 June 1968
M.Sc. ¹	
Entry closes	1 February 1968 for June examination, 1 May 1968 for September examination
Examination begins	either 17 June 1968 or 23 September 1968 according to subject
B.Sc. Geography (New Regulations), Part I	To be announced
LL.B. (New Regulations)	To be announced
LL.B. Final (Pass and Honours) (Old Regulations)	
Entry closes	1 February 1968
Examination begins	10 June 1968

¹ Entry forms should be obtained from the Graduate School Office.

Dates of Examinations

LL.M. ¹	
Entry closes	1 May 1968
Examination begins	2 September 1968
B.A. Final	
Entry closes	15 February 1968
Examination begins	30 May 1968
M.A. History (New Regulations) ¹	
Entry closes	1 February 1968
Examination begins	17 June 1968
M.A. Area Studies ¹	
Entry closes	1 February 1968
Examination begins	17 June 1968
Academic Postgraduate Diploma in Anthropology ¹	
Entry closes	15 March 1968
Examination begins	10 June 1968

¹ Entry forms should be obtained from the Graduate School Office.

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 six 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.

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 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 one person who is not a former student 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 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 (shortly to become the principal seat of the Faculty of Economics in the new teaching University of London) 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 in ever-increasing numbers.

It is freely open to students of the School and is extensively used by other scholars and investigators. 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 11,000 non-governmental periodicals (of which 4,200 are received currently), it contains some 400,000 controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 9,400 serials (of which 6,100 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 475,000 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 one of the largest libraries 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 also contains books in certain other specialised libraries, and 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, 26s. post free.

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 about 840 readers. Reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 60,000 volumes. The Periodical Room provides all

The Library

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 basement of the main School building. Readers are not 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 Room E5 and connected rooms in the East Building. Its stock of 20,000 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) consists of general literature; it is housed in the Founders' Room on the fifth floor.

A leaflet *Notes for Readers* may be obtained free of charge, on request.

The Library

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 who have paid a library fee of £5 a session

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 forms; 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 Saturday, 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

The Library

days at Christmas, six days at Easter, Whit Monday, August Bank Holiday, 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 uncanceled.

(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.

Certain advanced students are authorised, on completing the prescribed vouchers, to take books to the study room libraries for a limited time. They will be responsible for any loss of, or damage to, books so removed.

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) Research 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) Research 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, research 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) Research 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 informa-

The Library

tion in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

(13) During the Michaelmas and Lent terms, and the Summer term up to the end of May, 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 leaving, in which case the place will be reserved for sixty minutes if the place is vacated between 12.0 and 1.15 p.m., or for thirty minutes if it is vacated at other times, but no longer.

(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 in the Senate House, W.C.1, either from Malet Street or from Russell Square). An internal student may obtain a ticket by completing an application form (to be obtained at the University Library) and showing his current College Admission Card. Arrangements are made, particularly during the first few weeks of the session, for new members to be instructed in the use of the Library.

The Library has over 800,000 books on many subjects, most of which may be borrowed for home reading, and about 5,000 current periodicals. There are several important special collections, including the Goldsmiths' Library of about 70,000 early works on economics.

The reading rooms are open on week-days during Term and the Easter vacation from 9.30 a.m. to 9 p.m. On Saturdays and in the Christmas and summer vacations the Library is closed at 6 p.m. every evening. There is a refectory which may be used by registered readers.

Books may be borrowed from 10 a.m. to 6.30 p.m. on weekdays during term

The Library

and the Easter vacation and from 10 a.m. to 5 p.m. on Saturdays and during the Christmas and summer vacations.

Microfilms and other photographic copies may be obtained from the Library Photographic Department which also has cheap self-service rapid copying equipment. A list of charges is available on application. In the Library there are ten micro-text readers (microfilm, microcard, microprint).

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 Secondhand and Stationery Department in Portugal Street. Over 6,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets, and since its establishment two 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.

Student Health Service

Staff

- Dr. J. C. READ, M.R.C.S.(Eng.), L.R.C.P.(London), L.D.S., R.C.S. (Eng.):
Psychiatric Adviser and Senior Health Service Officer.
- Dr. H. N. LEVITT, O.B.E., L.M.S.S.A.(London), D.P.H., R.C.S.(Eng.), M.R.C.G.P.:
Health Service Officer (Part-time).
- Dr. AGNES WILKINSON, M.B., Ch.B.(Birmingham), M.R.C.P. (London): Psychiatric
Adviser (Part-time).
- P. AYLING, B.D.S.(Edin.): Dental Surgeon (Part-time).
- 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.

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, who works part time at the School. Appointments with Dr. Read and Dr. Wilkinson may be made by application to the Secretary of the Health Service or to the Registry or directly by letter to the doctor concerned.

Mr. Ayling, the Dental Surgeon, is in attendance twice weekly. His services are available under the National Health Service and according to its rates. Appointments should be made through the Secretary of the Health Service.

An oculist attends at the School once a week during term time for eye tests and appointments may be booked with Sister Alexander.

Careers

The careers open to a graduate in the social sciences are many and offer work of responsibility and great interest; a degree in the social sciences is of use in any occupation which calls for a trained intelligence and an understanding of the contemporary world.

Enquirers often seem to expect the range of careers open to graduates of the School to be comparatively narrow, but in fact it is considerable. Of those who take the B.Sc.(Econ.) degree, three large contingents, more or less equal in size, between them absorb about two-thirds of our annual output of graduates—academic research, teaching, and industrial and commercial management either in private enterprise or in the nationalised industries. The remainder are widely spread in finance; in expert posts as economists or statisticians in industry and commerce; in the government service; in journalism, librarianship and so forth; and in advertising, and market research. In particular, the increased use made of statistics, and the development of mathematical techniques as an aid to management and administration, offer great scope for the man or woman of mathematical inclinations. Of the sociology graduates, teaching and academic research absorb a substantial proportion, but again there is a wide and similar spread. Of the lawyers, most of course go into the legal profession; smaller numbers go into management, the public services or research. Of the students taking honours in History or Geography, many take up careers in teaching, academic research and the public services, but again the range of possibilities open is extensive.

It is increasingly to be expected that for many of our graduates, and especially the best, a fourth year of study, perhaps for a Master's degree will prove fruitful: The rapid progress that is being made in the social sciences means that it takes more than three years and a Bachelor's Degree to make an expert economist or statistician, for example. The fourth year will be very necessary for the man who wants to go in for university teaching—a profession in which there are likely to be substantial numbers of vacancies in coming years as the social sciences, hitherto a comparatively neglected field, are rapidly coming into their own, and now have an important place in the studies of the new universities, while new departments are being established in the older universities and the colleges and universities of technology.

As to the relationship of a course of study—including choice of specialisms or optional subjects—to future career, there is one golden rule to be followed: the subjects that a student should choose are those that he likes and is good at. Since our syllabuses are generally wide, and comparatively flexible, students who are not very firmly committed to a specific course for professional reasons will be well advised not to allow their choice of courses to be dominated by particular ideas of future careers. Those who are in doubt should consult their tutors and the University of London Appointments Board which, by a special arrangement made between the School and the University, maintains a permanent careers advisory unit in the School. Students may consult one of the officers of the unit at any time during their courses, but it is open to them to seek advice before entry and after graduation if they so desire.

Candidates for the open competitions held annually for posts in the Administrative Class of the Home Civil Service, the Diplomatic Service, the Northern Ireland

Civil Service and H.M. Inspectorate of Taxes, must have, or obtain in the same year, an honours degree, or alternatively must pass a written examination of degree standard. Students thinking of competing should seek advice about the most appropriate choice of degree subjects before starting their courses. For certain professional areas of Local Government, such as finance, law, town planning or social work, an appropriate specialisation may be necessary.

A large number of industrial and commercial organisations offer traineeships and direct appointments to graduates in a wide range of management fields. Formerly most banks and insurance companies recruited all their staff at school-leaving age; to-day, however, graduates are sought. As in industry and commerce, they must be prepared to undertake the same duties as those who join from school and to earn their promotion by ability, but starting salaries are related to age on joining. The overseas service of certain British banks offers a particularly interesting and financially attractive career.

A university degree is the best method of obtaining the necessary theoretical background for a professional career, and in certain cases results in a considerable shortening of the period of professional training. Thus, the possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations, and to a shortening of the period of articles for qualification as a solicitor. Similarly, the possession of a university degree reduces the period of articles from five to three years for those entering accountancy. If the degree is the B.Sc. (Econ.), with Accounting and Finance as the special subject in Part II, the pupil is also granted exemption from the professional intermediate examination, provided the final degree examination is passed at the first attempt.

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 the field of social administration, for example, as medical social workers, probation officers, youth leaders, youth employment officers, wardens of settlements, housing managers, child care officers and local authority welfare officers. 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. For posts in mental health work, child guidance clinics and other organisations dealing with mentally defective and unstable children and adults, the Diploma for Social Workers in Mental Health is an approved qualification.

Students' and Athletics 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 has four functions. It administers, supervises and improves Union premises, which include offices, a bar and a shop. Secondly it represents student interests and co-operates with the School authorities in securing necessary improvements in student welfare—for example improvements in School health services—and with external student organisations, on a national scale with the National Union of Students and on an international scale. Thirdly it provides a forum for the discussion of student affairs and interests. Fourthly it approves and regulates the numerous student societies in the College.

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 entitled to use the Club's bar and other amenities.

The Union offices are situated in the Students' Union building. Information concerning the Union, its services and activities, can 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 barber's shop and 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 also 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*.

Students' and Athletics Union

Executive Officers:

President	P. D. WATHERSTON
Deputy President	A. FINER
Administrative Vice-President	J. E. GOWER
Academic Affairs Vice President	J. M. HOWARD-JONES
External Affairs Vice-President	A. P. ROSS
Social Vice-President	S. M. ROBINSON
Welfare Vice-President	PHILIPPA G. JONES
General Secretary	J. C. MIDDLETON
Senior Treasurer	G. W. A. ELLINGTON

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:

<i>Club</i>	<i>Secretary</i>
Association Football	R. S. GORDON
Athletics	R. N. BLACKBURN
Badminton	J. LOH
Basketball	M. FROST
Boat (Men's)	G. L. SARA
Canoe	D. J. HARRISON
Cricket	P. D. GREEN
Fencing	—
Golf	M. WREN
Gliding	K. F. TAYLOR
Hockey (Men's)	P. J. UNDERHILL
Hockey (Women's)	D. VALERIE THOMPSON
Judo	C. L. GILDING
Mountaineering	D. R. M. WILSON
Netball	—
Riding	J. McTear
Rifle	—
Rugby Football	T. M. Hunt
Sailing	SUSAN I. HOWE
Squash (Men's and Women's)	R. K. WINCKLES
Swimming and Water Polo	—
Table Tennis	M. YAMINI
Tennis (Men's)	J. N. WOOLF
Tennis (Women's)	PAMELA BAILES
Weight-lifting	—
Y.H.A.	HAZEL M. LAWSON

Students' and Athletics Union

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 Basketball, Fencing, Table Tennis, Weight-lifting and Judo Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath; the Swimming Club uses the University Union Pool; 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 Badminton Club plays at Ealing Baths; 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	W. B. BEAGAN
Vice-Presidents	{ C. J. SMITH, SANDRA E. WALMSLEY
General Secretary	SHELAGH HETHERINGTON
Assistant General Secretary	JOYCE GLASPER
Treasurer	N. J. CRITCHLOW

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. 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 Room, arranging week-end parties, 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.

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 quietly 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: C. J. Lowe, B.A., Ph.D.)

This hall of residence is provided by the School for men and women students. It is in Bloomsbury, situated in the north-west corner of Tavistock Square, and is 20 minutes' walk from the School.

There is accommodation for about 163 students in single, double, and treble study-bedrooms. The fees are, at present, £183 15s. 0d., £172 10s. 0d. and £161 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 Registrar of 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: K. Klappholz, B.Sc. Econ.)

Carr-Saunders Hall, a new hall of residence for men students, built with funds provided by an anonymous benefactor, is in Soho, 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 143 students in single and double study-bedrooms. The fees are at present £210 and £201 per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and dinner and all meals on Saturdays and Sundays. Washbasins are provided in all study-bedrooms, which are centrally heated.

Residential Accommodation

Application should be made to the Registrar of the School, if possible by 15 May. Applicants are selected for places towards the end of May each year, for the following October.

COMMONWEALTH HALL

Cartwright Gardens, W.C.1.

An intercollegiate hall of residence for 394 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 (£180 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 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 £180 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: £6 (single room) and £5 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.

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and Club facilities to men students from the United Kingdom and overseas.

Fees: £4 12s. 9d. (single room), £4 5s. 9d. (double room) and £3 18s. 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.

Residential Accommodation

Halls of Residence for Women

Intercollegiate Halls

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 217 women students; accommodation is in single study-bedrooms with one bathroom to every two rooms; there are two common-rooms, a concert hall, chapel, library, games room and squash court; the building is centrally heated. Fees for the thirty-week session: £171-£181 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 106 single and 57 double study-bedrooms, all with central heating and hand-basins; there are common-rooms, libraries, games room, studio and laundries. Fees for the thirty-week session: £171-£181 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 192; accommodation is in 148 single rooms and 22 double rooms, most of them with some central heating; there are common-rooms and laundries, a library and games room. Fees for the thirty-week session: £171 (single) and £162 (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 £3 10s. 0d. and £5 5s. 0d. per week. All meals are available in the Dining Hall (cafeteria system).

The House is close to three London Transport stations, viz., 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.

Residential Accommodation

WILLIAM GOODENOUGH HOUSE

(The Dominion Students' Hall Trust),
Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 115 postgraduate women students from the British Commonwealth and the United States of America. In addition there are more than 50 self-contained flats for married students.

Fees, including breakfast, are from £4 4s. 0d. to £6 0s. 0d. 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.

Lillian Penson Hall, formerly a large hotel, which was purchased by the University in November 1964, is a hall of residence for postgraduate men and women students. A generous grant of £426,700 towards the cost of purchase was provided by the Treasury through the British Council. The Hall 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.

Fees cover the rent of rooms only and vary according to the accommodation provided. The rent for a single room is £22 15s. 0d. per month and for a double £27 5s. 0d. There are some rooms with kitchens or cooking facilities at £31 15s. 6d. or £45 10s. 0d. and a few flats with double bedrooms, sitting room and kitchen at £54 10s. 0d.

Warden: P. F. Vowles, M.A. Telephone: Ambassador 2081.

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 self-contained and consist of either one room or two rooms, plus a kitchen and a bathroom. Rents at present vary between approximately £4 15s. 0d. and £7 10s. 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 at the School.

The London School of Economics Society

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Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session. Members of the School's academic 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.* is sent to members free of charge, and there are occasional social events including discussion meetings on subjects of general interest to members and an annual dinner.

The life subscription is £5, 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:

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Secretary Vacant

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. The Association has already made a number of gifts to the School, including a specially designed table and chairs for use on the stage of the Old Theatre and attractive garden furniture for the third-floor roof gardens; has provided half the cost of building a new entrance to the sportsground at Malden and has contributed £500 towards the cost of refurnishing the Common Room at Passfield Hall. In 1963 three large Persian carpets were provided for the Founders' Room and the Association has now furnished the Common Room in Carr-Saunders Hall. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary 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 177-191 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 206-209 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 234-244 of the Calendar.

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Development Administration

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Development Administration

1. Introduction to Economic Analysis and Policy.

Miss Nevitt. Sessional.

For Dip. Development Admin.; Dip. Soc. Admin. (one year).

Syllabus.—The national income: its measurement and composition. Economic growth. Structural changes in the course of growth. The organisation of the use of resources. The operation of markets. Employment. The price level. Foreign trade. Government policies (including planning) with respect to growth, the operation of markets, employment, the price level and foreign trade.

The following courses are also relevant, and students will discuss with their tutor which of them to attend:

No. 8.—Introduction to Economics.

No. 66.—The Economics of Poor Countries and their Development.

No. 68.—Economic Problems of Public Investment and Planning in Underdeveloped Countries.

2. Governmental Aspects of Development (Class).

Mr. P. F. Dawson. Sessional.

For Diploma in Development Administration.

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 organisations; 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. 570.—British Government and Bureaucracy.

No. 575.—The Growth and Character of Local Government.

No. 607.—The Aims and Methods of Governmental Planning.

No. 581.—Comparative Politics and Administration in New States (with special reference to Africa).

3. Social Structure in Developing Countries.

Mrs. Hardiman. Fifteen lectures, Michaelmas and Lent Terms.

For Diploma in Development Administration.

Syllabus.—Scope and methods of sociology and social anthropology; the description and analysis of social institutions; industrialisation and urbanisation 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*; J. Beattie, *Other Cultures*; 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, *Class, Status and Power*; R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; I. Schapera, *Studies in Kinship and Marriage*; B. Malinowski, *Crime and Custom in Savage 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*.

Development Administration

4. Social Policy in Developing Countries.

Mr. Hodge and Mrs. Hardiman. Ten lectures, Lent Term.

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

Syllabus.—The emergence of social problems; concepts of social need and measurements of standards of living; the determination and development of social policy and legislation, the development of social administration, forms of social provision in the fields of education, health, housing and new settlements, social security, family welfare, working conditions and industrial relations.

Recommended reading.—U.N., *Report on the World Social Situation* (1957, 1961 and 1963); U.N., *Patterns of Social Welfare Organization and Administration in Africa* (1964); U.N., *Reappraisal of the United Nations Social Service Programme* (1965); J. A. Ponsioen (Ed.), *Social Welfare Policy*; R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius*; R. N. Saksena, *Sociology and Social Policy in India*; C. Abrams, *Housing in the Modern World*; P. Marris, *Family and Social Change in an African City*; M. Colbourne, *Planning for Health*; R. M. Titmuss and others, *The Health Services of Tanganyika*; V. L. Griffiths, *Educational Planning*; A. Curle, *Educational Strategy for Developing Societies*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; E. Younghusband, *Social Work and Social Change*; M. King (Ed.), *Medical Care in Developing Countries*; B. C. Roberts, *Labour in the Tropical Territories of the Commonwealth*; G. Hunter, *The New Societies of Tropical Africa*.

The following are relevant to the two preceding courses. Students will discuss with their tutor which of these and other suitable courses they will attend:

No. 640.—Introduction to Social Anthropology.

No. 650.—Social Implications of Technological Change.

No. 721.—Social Policy.

No. 722.—Sociology of Medical Care.

No. 725.—Evolution of Community Development.

No. 726.—Community Development Methods.

No. 727.—Community Organisation.

No. 834.—Elements of Social Structure.

No. 837.—Comparative Social Institutions.

No. 931.—Survey Methods in Social Investigation.

5. Bureaucracy and Development.

Mr. P. F. Dawson. Eight lectures, Lent Term.

For Diploma in Development Administration and M.Sc.—*Theory and Practice of Public Administration*, XIV 5; *The Politics and Government of Africa*, XIV 6.

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

A reading list will be provided at the beginning of the course.

6. Administrative Problems of Development (Seminar).

A seminar will be held by the tutors for students of the course in Development Administration throughout the session. Other graduate students may be admitted by permission. 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

	Pages
I. UNDERGRADUATE COURSES	283-94
Introductory Economics	283-5
Economics for Specialists	285-6
History of Economic Thought and Development of Economic Analysis	286-7
Mathematical Economics and Econometrics	287-8
Industry and Trade	288-90
Labour Economics	290-1
Business Finance	291
Public Finance	291-2
Monetary Economics	292-3
International Economics	293
Transport Economics	293-4
II. GRADUATE COURSES	294-306
A. M.Sc. IN ECONOMICS	294-305
Economic Theory and Methods of Economic Investigation	294-6
Advanced Economic Theory	297
History of Economic Thought	297
International Economics	297-9
Labour Economics	299
Monetary Economics	300
Economics of Public Enterprise	300
Economics of Transport	300-1
Public Finance	301
Economics of Industry	301-2
Theory of Business Decisions and Organisations	302
Business Finance	302
Economics of Poor Countries and their Development	303-4
Agricultural Economics	304
Economic Problems of the Communist World	304-5
Economic Aspects of Accounting	305
B. M.Sc. IN ECONOMETRICS	305-6
Quantitative Economics	305
Advanced Economic Analysis	305-6
Econometric Theory	306
C. M.Sc. IN REGIONAL AND URBAN PLANNING STUDIES	306
III. GRADUATE SEMINARS	306-7
IV. ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES	307-8

Economics

I. UNDERGRADUATE COURSES

INTRODUCTORY ECONOMICS

8. Introduction to Economics.

Mr. Shaffer. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc.) Branch III 3 (first year); Dip. Soc. Admin. (first year); Dip. Soc. Admin. Overseas Option only (one-year); Dip. Personnel Management; Special Course for Overseas Administrators.

Syllabus.—An introduction to economic analysis, with some illustrations of its application to various topics.

Recommended reading.—Reading will be recommended as the lectures proceed.

8(a). Classes.

Twelve fortnightly classes, Sessional.

9(i). Elements of Economic Analysis.

Professor Day. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch I, 6 and Branch II, 4; B.A. (Geog.), subsidiary subject of Economics; B.Sc. (Maths.) 1 (first year); B.Sc. (Geog.) (new regulations (first or second year); B.Sc. (Soc. Anth.) 3b (second year).

Syllabus.—An introduction to economic analysis including the elements of price theory, distribution theory, money and banking, employment, price levels, interest rates and the balance of payments.

Recommended reading.—R. G. Lipsey, *An Introduction to Positive Economics*, or R. G. Lipsey and P. O. Steiner, *Economics*; P. A. Samuelson, *Economics: An Introductory Analysis*; R. Dorfman, *The Price System*.

Reference may also be made to: A. A. Alchian and W. R. Allen, *University Economics*; A. K. Cairncross, *Introduction to Economics*; J. R. Hicks, *The Social Framework*; M. A. Eggers and A. D. Tussing, *The Level of Economic Activity*; *The Composition of Economic Activity*.

9(i)(a). Classes.

Thirteen fortnightly classes, Sessional.

9(ii). Some Applications of Elementary Economic Analysis.

Mr. Townsend. Ten lectures, Lent Term.

Optional for B.Sc. (Econ.) Part I.

10. 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) collective bargaining; (3) monopoly and restrictive business agreements.

11. The Structure of Industry.

Dr. Needham. 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.—A reading list will be given during the course.

Lectures, Classes and Seminars

12. The Economics of the Labour Market.

Professor Phelps Brown. 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. The determination of real wages: the distribution of the product.

Recommended reading.—L. G. Reynolds, *Labor Economics and Labor Relations*, Part II; P. Ford, *The Economics of Collective Bargaining*; E. H. Phelps Brown, *The Economics of Labor*; D. J. Robertson, *Factory Wage Structure and National Agreements*; A. Rees, *The Economics of Trade Unions*.

13. Economics.

Dr. Goodhart, Professor Devons and Professor Phelps Brown (day), Mr. Griffiths, Mr. Townsend and Mr. Klappholz (evening). Thirty 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 iii, first year); Economics as a subsidiary subject (second year). B.Sc. (Geog.) (second year, excluding last five lectures. Students must have attended Course No. 8 or 9 in their first year). In the Session 1967–68 only, Professor Phelps Brown will lecture in the Michaelmas Term also for B.Sc. (Econ.) Part II (third year) and B.A./B.Sc. (Soc.), Branches I and II (second year).

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) Dr. Goodhart or Mr. Griffiths. Ten lectures, Michaelmas Term.

National Income; total demand; savings and investment. Unemployment; inflation; government control of the level of demand.

The Balance of Payments; causes of imbalance; suggested remedies; international liquidity. The capital market in the U.K.; the role of financial institutions; monetary policy.

(ii) Professor Devons or Mr. Townsend. Ten lectures, Lent Term.

The National Income: distribution between factors of production, distribution between persons. Wages and salaries and their determination. Structure of the labour market and the role of Trade Unions.

Structure of the Economy: growth of large scale production: economies and diseconomies of scale. Innovation and technical change.

Public Policy and Industry: especially in relation to nationalised industries, monopoly and restrictive practices, and location.

(iii) Professor Phelps Brown or Mr. Klappholz. Ten lectures, Summer Term.

The economics of social policy, including housing, rents, pensions and unemployment insurance. Economic growth.

Planning: the mixed economy; the socialist economy.

Recommended reading.—E. H. Phelps Brown and J. Wiseman, *A Course in Applied Economics*; G. C. Allen, *The Structure of Industry in Britain*; A. K. Cairncross, *Introduction to Economics* (Part II); E. H. Phelps Brown, *The Economics of Labor*; E. Devons, *Essays in Economics* (essays nos. 1, 2, 6 and 7); *Report of the U.K. Committee on the Working of the Monetary System* (Cmd. 827), chaps. 4 and 5; W. Hagenbuch, *Social Economics*; M. H. Myint, *The Economics of the Developing Countries*; A. Nove, *The Soviet Economy*; R. G. Lipsey, *An Introduction to Positive Economics* (Book 2); A. C. L. Day, *Outline of Monetary Economics* (Parts III, VI, VII); J. C. R. Dow, *The Management of the British Economy, 1945-60*; *National Institute Economic Review*, February issue, any recent year.

Further reading will be recommended during the course.

Economics

13(a). Classes.

Fifteen fortnightly classes for day students.

Evening classes will also be arranged.

ECONOMICS FOR SPECIALISTS

14. Economic Principles and Problems of Applied Economics.

DAY: (Dr. Needleman will be in charge of arrangements for these courses.)

(i) Quantitative Methods in Economics.

Mr. Steuer. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.—*The Economics of Regional and Urban Planning*, XIII 1.

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*.

(ii) Micro-Economic Theory.

Mr. Gould. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.—*The Economics of Regional and Urban Planning*, XIII 1.

Recommended reading.—G. J. Stigler, *The Theory of Price*; W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.).

(ii) (a) Classes.

Ten classes, Michaelmas and Lent Terms.

(iii) Introductory Macro-Economics.

Dr. Needham. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.—*The Economics of Regional and Urban Planning*, XIII 1.

Recommended reading.—T. F. Dernburg and D. M. McDougall, *Macro-Economics*; F. S. Brooman, *Macroeconomics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

(iii) (a) Classes.

Ten classes, Michaelmas and Lent Terms.

(iv) Problems in the Application of Micro-Economics.

Dr. Needleman. Twelve lectures, Lent and Summer Terms, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; IV 6, 7 and 8b; V 5a; XI 5, 6 and 7g(i); B.A. (Phil. and Econ.) (second year).

Recommended reading.—W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.).

(v) Applied Macro-Economics.

Dr. Needleman. Thirteen lectures, Lent and Summer Terms, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; III 5; IV 6, 7 and 8b; V 5a; XI 5, 6 and 7g(i); B.A. (Phil. and Econ.) (second year).

Recommended reading.—J. C. R. Dow, *The Management of the British Economy, 1945-60*; J. Tinbergen, *Economic Policy: Principles and Design*.

(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.

Lectures, Classes and Seminars

(vi) International Economics.

Mr. Steuer. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1; B.A. (Phil. and Econ.) (second year).

EVENING:

(vii) Economic Principles.

Dr. Makower. Twenty-five combined lectures and classes, Sessional.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1a; XI 1 (third year.)

Recommended reading.—See sections (i)–(iii) above.

15. 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 4 (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 and also to provide a bridge between “O level” mathematics and the standard required in Mathematical Economics at Part II. 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*.

HISTORY OF ECONOMIC THOUGHT AND DEVELOPMENT OF ECONOMIC ANALYSIS

16. The History of Economic Thought.

Lord Robbins. Twenty lectures, Michaelmas Term. Dr. Devletoglou. Ten lectures, Lent 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*, III 3ii (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. 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*; M. Blaug, *Economic Theory in Retrospect*; 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*; T. W. Hutchison, *A Review of Economic Doctrines, 1870–1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, 1. Band.

Further reading will be suggested during the course.

Economics

16(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

17. The Development of Economic Analysis.

For B.Sc. (Econ.) Part II—*Development of Economic Analysis*, I 7; II 3e; IV 6, 7 and 8a. Useful for M.Sc.—*History of Economic Thought*, III 3ii (preliminary year).

(i) Introduction to the Development of Economic Analysis.

Dr. Corry. Five lectures, Summer Term (second year).

(ii) Micro-Economics.

Professor Myint. Ten lectures, Michaelmas Term (third year).

(iii) Macro-Economics.

Dr. Corry. Ten lectures, Lent Term (third year).

(iv) Seminar.

Professor Myint and Dr. Corry. Five meetings, Lent Term (third year), beginning in the sixth week.

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*; J. E. Meade, *A Neo-Classical Theory of Economic Growth*; M. G. Mueller, (Ed.) *Readings in Macro-Economics*.

17(a). Classes.

Twenty classes, Michaelmas and Lent Terms (third year).

MATHEMATICAL ECONOMICS AND ECONOMETRICS

18. Economics Treated Mathematically.

For B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1b.

(i) Principles of Economics Treated Mathematically.

Professor Hahn. Lent and Summer Terms.

For second-year students.

Syllabus.—The theory of maximising behaviour of economic agents, a general equilibrium of such agents and some problems in comparative statics; efficiency and decentralisation. The basic mathematical tools will be: orderings, simple separation and fixed point theorems and the Kuhn Tucker theorem for concave functions. All these tools will be explained, but proofs will be given only where elementary means are available. It is assumed that students are familiar with the rudiments of calculus and with the idea of “continuity”.

Recommended reading.—Basic: T. Koopmans, *Three Essays on the State of Economic Science*, Essay I; G. Debreu, *The Theory of Value: An Axiomatic Approach*, selected passages; S. Karlin, *Mathematical Methods in the Theory of Games, Programming and Economics*, Vol. I, chaps. 7, 8 and 9; D. Gale, *Linear Economic Models*, chaps. 8 and 9 (and chap. 2 for those who need to refresh their linear algebra).

Further reading will be given at the beginning of the course.

(ii) Macro-Economic Theory.

Dr. Ozga. Michaelmas and Lent Terms.

For third-year students.

Lectures, Classes and Seminars

Syllabus.—Theory of income determination. Simple growth and trade cycle models.

Recommended reading.—T. F. Dernburg and D. M. McDougall, *Macro-Economics*; R. G. D. Allen, *Macro-Economic Theory*; W. J. Baumol, *Economic Dynamics*.

(iii) Mathematical Programming.

See Course No. 946.

18(a). Classes.

Classes will be arranged.

19. Econometrics.

For B.Sc. (Econ.) Part II—*Econometrics*, II 8; X 6 and 7c (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 auto-correlated 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.—J. Tobin, "A Statistical Demand Function for Food in the U.S.A." (*J.R.S.S. Series A*, 1950); J. A. Meyer and E. Kuh, "Acceleration and Related Theories of Investment" (*R. E. Stat.*, 1955); 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); J. Johnston, "An Econometric Model of the U.K." (*R. E. Stat.*, 1963).

(ii) (a) Classes.

Ten classes, Lent Term.

INDUSTRY AND TRADE

20. 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 5b; XI 5, 6 and 7g(ii) (second and third years).

Syllabus.—Part I: The Structure of Industry (Eighteen lectures). (1) Concentration in industry: the measurement of concentration; concentration, monopoly and market power. (2) The size of firms: economies and diseconomies of scale; empirical investigation of optimal scale. (3) Industrial structure and innovation; economies and diseconomies of scale; concentration, competition and innovation. (4) Conditions of entry into industry: the role of entry; "barriers" to entry; entry and price policy. (5) Vertical integration; measurement of vertical integration; the economics

Economics

of vertical integration. (6) Specialisation and diversification; incentives to, and directions of, diversification; the "conglomerate" firm. (7) Competition in oligopolistic markets. (8) Economic growth and industrial structure.

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.

Recommended reading.—R. Caves, *American Industry: Structure, Conduct, Performance*; R. S. Edwards and H. Townsend, *Business Enterprise* (especially Parts I and II); D. L. Burn (Ed.), *The Structure of British Industry*; L. W. Weiss, *Economics and American Industry*.

Detailed reading will be given at the beginning of the course.

20(a). Classes.

Fifteen classes, beginning in the Summer Term of the second year and continuing in the Michaelmas and Lent Terms of the third year.

21. Economics of Public Enterprise.

Mr. Foldes and Mrs. Sharp. Ten lectures, Lent Term.

For M.Sc.—*Economic Aspects of Accounting I and II*, I 1; B.Sc. (Econ.) Part II—*Business Administration*, IV 4; V 2b; *Industry and Trade*, IV 5; V 5b; XI 5, 6 and 7g(ii) (third year).

Syllabus.—The special problems of Government-owned and Government-controlled enterprises, including control by Parliament and Government, methods of organisation, 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" (*American Economic Review*, 1963).

On Organisation and Finance: A. A. Hanson (Ed.), *Nationalisation: a Selection of Readings*; The Select Committee on Nationalised Industries, Reports on the Electricity Industry (1962) and the Post Office (1967); White Paper, *The Financial and Economic Obligations of the Nationalised Industries* (Cmd. 1337, 1961); White Paper, *Transport Policy* (Cmd. 3057, 1966).

22. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.

Mr. Foldes, Mr. Gould and Mr. Bromwich. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II—*Business Administration*, IV 4; V 2b (third year); M.Sc.—*Theory of Business Decisions and Organisations*, III 3 (x) (preliminary and final years); *Economic Aspects of Accounting I and II*, I 1.

Syllabus.—The lectures will select 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 Organisations: Conflict and co-operation. Theory of games. The aims of capitalists, managers and workers. The aims of organisations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organisation, 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*.

Main texts: For part (a) of the course students should read at least a substantial part of one of the standard works on decision problems, operations research, etc. For example: W. Baumol, *Economic Theory and Operations Analysis*, A. S. Manne, *Economic Analysis for Business Decisions*,

Lectures, Classes and Seminars

or (for students with a good mathematical background) P. Massé, *Optimal Investment Decisions*. For part (b) R. Cyert and J. G. March, *A Behavioral Theory of the Firm*, is essential. Students should also consult one of the volumes of selected readings on organisations, for example, A. H. Rubenstein and C. J. Haberstroh (Eds.), *Some Theories of Organisation*, or J. A. Litterer (Ed.), *Organisations, Structure and Behaviour*.

22(a). Classes.

Classes will be arranged.

LABOUR ECONOMICS

23. Labour: Organisation and Relations.

Professor Phelps Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, 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. Compulsory arbitration. National incomes policy. Methods of settling disputes. Joint consultation and workers' control. Studies in motivation and morale. Labour management: lines of development, including "scientific management"; work study; methods of wage payment, including assessment of incentive methods; job evaluation and the wage structure.

Recommended reading.—Ministry of Labour, Manpower Studies No. 1, *The Pattern of the Future; Wages and Labour Mobility* (O.E.C.D. 1965); S. and B. Webb, *Industrial Democracy*; D. J. Robertson, *The Economics of Wages*, Pt. I; E. H. Phelps Brown, *The Growth of British Industrial Relations*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, chaps. 1–5 and 12); A. Rees, *The Economics of Trade Unions*; P. Ford, *The Economics of Collective Bargaining*; R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations*; A. R. Weber (Ed.), *The Structure of Collective Bargaining*; articles on national incomes policy in *British Journal of Industrial Relations*, Nov. 1964; U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; A. Sturmfels (Ed.), *Contemporary Collective Bargaining in Seven Countries*; P. H. Norgren, *The Swedish Collective Bargaining System*; Lloyd Ulman, "American Trade Unionism—Past and Present" in S. E. Harris (Ed.), *American Economic History*; W. Galenson, *Comparative Labor Movements*; Trades Union Congress, *Trade Union Structure and Closer Unity* (1944); *Trade Unions and Productivity* (1950); S. H. Slichter, J. J. Healy and E. R. Livernash, *The Impact of Collective Bargaining on Management*; L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure*; S. B. L. Nigam, *State Regulation of Minimum Wages*; F. J. Bayliss, *British Wages Councils*; K. F. Walker, *Industrial Relations in Australia*; F. W. Taylor, *The Principles of Scientific Management*; L. Urwick and E. F. L. Brech, *The Making of Scientific Management*; G. Friedmann, *Industrial Society*; J. A. C. Brown, *The Social Psychology of Industry*; M. S. Viteles, *Motivation and Morale in Industry*; T. N. Whitehead, *The Industrial Worker*; F. J. Roethlisberger and W. J. Dickson, *Management and the Worker*; H. A. Landsberger, *Hawthorne Revisited*; S. W. Gellerman, *Motivation and Productivity*; A. S. Tannenbaum, *Social Psychology of the Work Organisation*; S. Webb, *The Works Manager Today* (1917); D. J. Robertson, *Factory Wage Structure and National Agreements; Attitudes to Efficiency* (Ministry of Labour, 1966); I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*; C. W. Lyttle, *Wage Incentive Methods*; E. Jaques, *The Changing Culture of a Factory*; J. A. Banks, *Industrial Participation*; H. A. Clegg, *A New Approach to Industrial Democracy*; P. Sargant Florence; *Labour*; U.K. Interdepartmental

Economics

Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (revised edn.).

23(a). Classes.

Twenty classes. Michaelmas and Lent Terms.

BUSINESS FINANCE

24. The Capital Market.

Mr. Alford. Ten meetings of one-and-a-half hours each, Lent 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

25. The Economics of Public Finance.

Dr. Breton, Mrs. Oldershaw and Mr. Perlman. Fifteen lectures, Lent and Summer Terms (second year) and 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*, III 3(viii) (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*; U. K. Hicks, *Public Finance*, 2nd edn.; E. R. Rolph and G. F. Break, *Public Finance*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*; A. E. A., *Readings in the Economics of Taxation*; A. E. A., *Readings in Fiscal Policy*; J. C. R. Dow, *The Management of the British Economy*, 1945–60.

25(a). Classes.

Fifteen classes, Lent and Summer Terms (second year). Five classes, Michaelmas Term (third year).

26. Economic Aspects of British Social Services.

Mrs. Sharp. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Public Finance*, I 3d or 8e; III 3j or 8d (second or third year); B.Sc. (Soc.) Branch III, 3 (second year). Suitable for M.Sc.—*Public Finance*, III 3(viii) (final year). Optional for Dip. Soc. Admin. (second year and one-year).

Lectures, Classes and Seminars

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

27. English Monetary History since 1914.

Dr. Pressnell. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (third year); M.Sc.—*Monetary Economics*, III 3(v) (preliminary 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* (Cmd. 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*.

28. U.S.A. Monetary Institutions since 1914.

Professor Sayers. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, III 7 (third year); M.Sc.—*Monetary Economics*, III 3(v) (preliminary year).

Recommended reading.—U.S. Board of Governors of the F.R.S., *Federal Reserve System: Purposes and Functions*; E. R. Wicker, *Federal Reserve Monetary Policy, 1917–1933*; 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; *Private Financial Institutions* (Commission on Money and Credit series of research studies); *Federal Reserve Bulletin; Monthly Review* of the F.R.B. of New York.

29. The British Monetary System.

Mr. Alford. Ten meetings, 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) (Cmd. 827, 1959); R. S. Sayers, *Modern Banking* (6th 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" (*Economic Journal*, June 1966); G. Clayton, "British Financial Intermediaries in Theory and Practice" (*Economic Journal*, Dec. 1962); R. S. Sayers, "Monetary Theory and Policy in England" (*Economic Journal*, Dec. 1960); C. M. Kennedy, "Monetary Policy" (chap. 9 in G. D. N. Worswick and P. Ady, *The British Economy in the 1950's*); 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); B.E.Q.B., *passim*.

30. International Monetary Economics.

Professor Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8a; 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);

Economics

League of Nations, *International Currency Experience*; A. G. Ford, *The Gold Standard* (esp. chap. 1); R. Triffin, *Gold and the Dollar Crisis*.

30(a). Classes.

Mr. L. Harris. Five classes, Lent Term. Students will be divided into two groups.

31. Seminar in Monetary Economics.

Professor Sayers, Dr. Pressnell and others. One-and-a-half hours fortnightly, Michaelmas Term; weekly, Lent Term.

For B.Sc. (Econ.) Part II—special subject Monetary Economics (third year).

Recommended reading will be prescribed for each meeting of the Session.

32. Monetary Theory.

Dr. Goodhart. 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*, I 8a; III 6 (third year).

Recommended reading.—The review article on "Monetary Theory and Policy" (*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) (Cmd. 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.

32(a). Classes.

Ten fortnightly classes, Michaelmas and Lent Terms, beginning in the second week of the Michaelmas Term.

INTERNATIONAL ECONOMICS

33. International Economics.

Mr. Steuer. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*International Economics*, I 8b; III 8b (third year).

Syllabus and **recommended reading** will be given at the beginning of the course.

TRANSPORT ECONOMICS

34. Economics of Transport.

Mr. Thomson. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 8e (second year).

Syllabus.—This course will consist of a general introduction to the subject.

Recommended reading.—A bibliography will be given during the course.

34(a). Classes.

Classes will be arranged.

35. Economics and History of Transport.

Mr. Thomson. Fifteen lectures, Michaelmas and Lent Terms.

Lectures, Classes and Seminars

For B.Sc. (Econ.) Part II—*Economics of Transport*, XV 8e (third year).

Syllabus.—The course will be concerned principally with major current problems in transport.

Recommended reading.—K. M. Gwilliam, *Transport and Public Policy*; J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; C. D. Foster, *The Transport Problem*; G. J. Walker, *Road and Rail*; The British Railways Board, *The Reshaping of British Railways* (Beeching Report), 1963, and *The Development of the Railways' Major Trunk Routes*, 1965; *Road Pricing: The Economic and Technical Possibilities*, 1964; *Traffic in Towns* (Buchanan Report), 1963.

A bibliography will be circulated at the beginning of the course.

35(a). Classes.

Classes will be arranged.

II. GRADUATE COURSES

(A) M.Sc. IN ECONOMICS

ECONOMIC THEORY AND METHODS OF ECONOMIC INVESTIGATION

38. Preliminary-Year Mathematics for Economists.

Mr. Kuska. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (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.

Reading.—Before beginning the course, students are advised to revise their algebra from any algebra text. One possibility is Schaum's Outline Series, *Theory and Problems of College Algebra*. Selected Course reading: T. Yamane, *Mathematics for Economists*, chaps. 1–10, 11 and section 12.4 of chap 12; or, A. Kooros, *Elements of Mathematical Economics*, chaps. 1–7, 11 and 12; or, R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1–14, and 17–19; and, C. F. Christ, *Econometric Models and Methods*, chap. 3.

38(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

39. Preliminary-Year Statistics for Economists.

Mr. J. J. Thomas. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (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.

Reading.—For Section I: J. E. Freund and F. J. Williams, *Modern Business Statistics*, or P. G. Hoel, *Elementary Statistics*.

For Section II: A set of duplicated lecture notes and a detailed reading list will be distributed at the beginning of the Session.

39(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

40. Preliminary-Year Micro-Economics.

Mr. Perlman. Twenty lectures, Sessional.

For M.Sc.—*Economic Theory*, III 1 (preliminary year).

Economics

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.

40(a). Classes.

Ten classes, alternate weeks, Sessional.

41. Preliminary-Year Macro-Economics.

Dr. Corry. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economic Theory*, III 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. Derburg and D. M. McDougall, *Macro-Economics*, and G. Ackley, *Macro-Economic Theory*.

41(a). Classes.

Ten classes, alternate weeks, Sessional.

42. Final-Year Mathematics for Economists.

Mr. Kuska. Twenty lectures, September, 1967.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (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* (Wiley, 1966), chap. 3.

42(a). Classes.

Ten classes, September, 1967.

43. Statistical Theory for Economists.

Mr. J. J. Thomas. Twenty lectures, September, 1967.

For M.Sc.—*Economic Theory*, III 1; *Methods of Economic Investigation*, III 2 (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*. For Section II: A set of duplicated lecture notes and a detailed reading list will be sent to all students.

43(a). Classes.

Ten classes, September, 1967.

Lectures, Classes and Seminars

44. Final-Year Micro-Economics.

Dr. Breton. Twenty lectures, Michaelmas and Lent Terms.
For M.Sc.—*Economic Theory*, III 1 (final year).

Description of course.—The lectures will discuss in detail the basic conceptual tools needed for the general equilibrium comparative static analysis of an economy. In particular, attention will be given to the economic behaviour of households and to the properties of the demand curve for products; to the conditions for and to the characteristics of viable and advantageous exchanges; to the production behaviour of enterprises and industries and to the demand for factors of production and the supply of products; and also to the supply of factors of production. Finally the two-factor, two-product, two-consumer model based on these concepts will be used to analyse particular allocation and distribution problems.

Selected reading.—J. R. Hicks, *Value and Capital*; G. J. Stigler, *Theory of Price* (3rd edn.); K. E. Boulding, *Economic Analysis* (3rd edn.); A.E.A., *Readings in Price Theory*; A.E.A., *Readings in the Theory of Income Distribution*; P. A. Samuelson, *Foundations of Economic Analysis*.

44(a). Classes.

Ten classes, alternate weeks, Michaelmas and Lent Terms.

45. Final-Year Macro-Economics.

Professor H. G. Johnson and Mr. L. Harris. Thirty lectures, two per week in the Michaelmas Term and one per week in the Lent Term.
For M.Sc.—*Economic Theory*, III 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 stabilisation policy. Models of economic growth. Keynesian theory versus quantity theory.

B. Monetary Theory. The classical quantity theory. The Keynesian theory of money. The demand for money and liquidity. Quantity theory, portfolio balance, and inventory-theoretic approaches. The supply of money and monetary policy. Financial intermediation. Money and general equilibrium theory. Inflation theory. Money in growth models. The monetary standard and international monetary arrangements.

Selected reading.—J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices* (2nd edn.); J. G. Gurley and E. S. Shaw, *Money in a Theory of Finance*; M. J. Bailey, *National Income and the Price Level*; W. T. Newlyn, *Theory of Money*; H. G. Johnson, *Essays in Monetary Economics*; R. S. Thorn (Ed.), *Monetary Theory and Policy*.

46. Introduction to Econometrics, with Case Studies.

For M.Sc.—*Methods of Economic Investigation*, III 2 (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, the course illustrates the advantages and difficulties involved in their application.

(i) Introduction to Econometrics.

Professor Phillips. Fifteen lectures, Michaelmas and Lent Terms.

Selected reading.—C. F. Christ, *Econometric Models and Methods* (part 3); J. Johnston, *Econometric Methods*.

(ii) Case Studies.

Mr. Steuer. Ten lectures, Lent and Summer Terms.

Economics

ADVANCED ECONOMIC THEORY

47. (i) Advanced Economic Theory.

Dr. Ozga. Twenty-five lectures, Sessional.

(ii) Selected Topics in Economic Theory.

Dr. Ozga and others. Fifteen lectures, Lent and Summer Terms.
For M.Sc.—*Advanced Economic Theory*, III 3(i) (final year).

Description of course.—General equilibrium theory and the theory of economic growth, with a stress on precision in the formulation and proof of the corresponding theorems.

48. Activity Analysis in Economic Theory.

Dr. Mishan. Ten lectures, Michaelmas Term.
For M.Sc.—*Advanced Economic Theory*, III 3(i) (final year).

Description of course.—An introduction to the basic methods of input-output, games theory, and linear programming techniques, with emphasis on their application to problems of economic theory.

Selected reading for courses 47 and 48.—R. G. D. Allen, *Mathematical Economics* (chaps. 10–17); W. J. Baumol, *Economic Dynamics*; H. B. Chenery and P. G. Clark, *Interindustry Economics*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; F. H. Hahn and R. C. O. Matthews, "The Theory of Economic Growth: A Survey" (*Economic Journal*, Dec. 1964); E. O. Heady and W. V. Candler, *Linear Programming Methods*; J. R. Hicks, *Capital and Growth* (Part II).

HISTORY OF ECONOMIC THOUGHT

49. History of Economic Thought.

Dr. Corry and others. Fortnightly meetings, Sessional.
For M.Sc.—*History of Economic Thought*, III 3(ii) (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*.

INTERNATIONAL ECONOMICS

50. The Theory of Commercial Policy.

Professor H. G. Johnson. Ten lectures, Lent Term.
For M.Sc.—*International Economics*, III 3(iii) (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*.

Lectures, Classes and Seminars

50(a). Classes.

Five classes, Lent Term.

51. Monetary Theory and Policy.

Dr. O'Connell. Fifteen lectures, Lent and Summer Terms.
For M.Sc.—*International Economics*, III 3(iii) (final year).

Selected reading.—J. Viner, *Studies in the Theory of International Trade*; H. G. Johnson, *International Trade and Economic Growth*; J. E. Meade, *The Theory of International Economic Policy*, Vol. I, and *Mathematical Supplement*; E. Sohmen, *Flexible Exchange Rates*; F. B. Jensen and I. Walter, *Readings in International Economic Relations*; H. G. Grubel, *World Monetary Reform, Plans and Issues*; National Industrial Conference Board, *Gold and World Monetary Problems*; R. Triffin, *The World Money Maze*; R. Harrod, *Reforming the World's Money*; P. Einzig, *Foreign Dollar Loans in Europe*.

52. The Structure of International Trade and International Trade Policy.

Professor Devons. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc.—*International Economics*, III 3(iii) (final year).

Description of course.—Statistics of world trade. Indices of volume, price and terms of trade. Recent trends in the development of world trade; primary products and manufactures, underdeveloped and advanced countries, the effects of regional economic arrangements such as E.E.C. and E.F.T.A. Instruments of trade policy: tariffs, quotas, licences and administrative operations. International trade policies: GATT, UNCTAD, customs unions; international commodity schemes, compensatory finance and other schemes for assisting the trade of underdeveloped countries.

Selected reading.—R. G. D. Allen and J. E. Ely, *International Trade Statistics*; GATT, *International Trade*, 1965; A. Maizels, *Industrial Growth and World Trade*; M. Michaely, *Concentration in International Trade*; T. Morgan, "Trends in the Terms of Trade and their Repercussions on Primary Products" in *International Trade Theory in a Developing World: I.E.A. Conference*, Eds. Harrod and Hague; B. Balassa, "Trade Creation and Diversion in the European Common Market" (*Economic Journal*, March, 1967); G. Curzon, *Multilateral Commercial Diplomacy*; J. W. F. Rowe, *Primary Commodities in International Trade*, Part IV, *Commodity Control Schemes*, or W. E. Haviland, *International Commodity Agreements* (Private Planning Association of Canada); U.N., *International Compensation for Fluctuations in Commodity Trade*; I.M.F., *Compensatory Financing of Export Fluctuations*; H. G. Johnson, *The World Economy at the Crossroads*; H. G. Johnson, *Economic Policies Toward Less Developed Countries*.

53. International Trade.

Dr. Makower. Ten lectures, Lent Term.
For M.Sc.—*International Economics*, III 3(iii) (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); H. S. Ellis and L. A. Metzler (Eds.), *Readings in the Theory of International Trade*; R. E. Baldwin et al., *Essays in Honour of Gottfried Haberler* (Part I); K.

Economics

Lancaster, "The Heckscher-Ohlin Trade Model" (*Economica*, Feb., 1957); "Protection and Real Wages: A Re-statement" (*The Economic Journal*, June, 1957); A. H. Land, "Factor Endowments and Factor Prices" (*Economica*, May, 1959); 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); M. C. Kemp, *The Pure Theory of International Trade* (for reference).

53(a). Classes.

Five classes, Lent Term.

54. Seminar on International Trade.

Professor Devons and Professor H. G. Johnson. Weekly, Sessional, starting in the sixth week of the Michaelmas Term.

For M.Sc.—*International Economics*, III 3(iii). Other students will be admitted only by permission of Professor Devons or Professor Johnson, to whom application should be made in writing.

LABOUR ECONOMICS

55. Labour Economics.

Mr. Crossley. Twenty lectures, Sessional, beginning in the fifth week of the Michaelmas Term.
For M.Sc.—*Labour Economics*, III 3(iv); VII 2(i) (final year), and other graduate students.

Description of course.—First ten lectures: The analysis of the demand for and supply of labour in particular employments. Factors affecting elasticities. Managerial decisions. Competition and monopoly in labour markets. Bilateral monopoly. Evidence concerning the effects of trade unions on relative rates of pay. 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. Conventional and administrative influences on differentials. The course of changes in differentials at different stages of economic growth. The administration of pay. Minimum wage legislation.

The size and composition of the labour force. Hours of work. Labour mobility. The structure of employment at different stages of economic growth. Unemployment.

Second ten lectures: The movements of the general level of money wages in the course of history. Reasons for phases of stability and of rapid rise and for the cumulative rise over time.

Fluctuations of different periods. Typical movement of money wage-rates in the course of the trade cycle.

The effects of trade unions on the movements of the general level of money rates of pay.

Analysis of the causes and effects of the rise of money rates of pay under full employment.

Some problems of wage policy and labour market policy under full employment.

The movements of the general level of real pay in the course of history: their association with movements in productivity.

Types of theory of the share of labour in the national product: marginal productivity; theories based on pricing decisions; theories based on investment and savings in the developing economy. 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* (1962); E. H. Phelps Brown, *Labor Economics* (1962); A. M. Cartter, *Theory of Wages and Employment* (1959); J. T. Dunlop (Ed.), *The Theory of Wage Determination* (1957); O.E.C.D., *Wages and Labour Mobility* (1965); U.K. Ministry of Labour, *Industrial Relations Handbook* (1961).

55(a). Classes.

Twenty classes, Sessional, beginning in the fifth week of the Michaelmas Term.

MONETARY ECONOMICS

56. Monetary Theory.

Mr. Griffiths. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.—*Monetary Economics*, III 3 v (final year).

Description of course.—Theory of the term structure of interest rates. Debt management. Money supply theory; multiplier models; stock adjustment models of bank behaviour; empirical studies of U.K. and U.S.A. monetary systems. Theory of the banking industry. Theory of monetary control.

Recommended reading will be given during the course.

57. Monetary Management.

Dr. Pressnell. Ten lectures, Lent Term.

For M.Sc.—*Monetary Economics*, III 3 v (final year).

Description of course.—Principles and problems of central banking. The history of central banking, particularly in Britain and the U.S.A. Relationships between central banks and governments. Central banking in underdeveloped countries; currency boards; new central banks. The principal means of implementing monetary policy. Money markets. Official and semi-official credit institutions. International co-operation between central banks.

Selected reading.—W. Bagehot, *Lombard Street*; R. S. Sayers (Ed.), *Banking in Western Europe*; J. Aschheim, *Techniques of Monetary Control*; *Report of the Royal Commission on Banking and Finance, Canada*, 1964; D. P. Eastburn, *The Federal Reserve on Record*.

58. English Nineteenth-Century Monetary History.

Dr. Pressnell. Eight lectures, Michaelmas Term.

For M.Sc.—*Monetary Economics*, III, 3 v (final year).

Description of course.—An outline of the development of English monetary thought, policy and institutions from the Napoleonic Wars to the outbreak of the First World War.

Recommended reading will be given during the course.

59. Seminar in Advanced Monetary Economics.

Professor Sayers will hold a seminar for M.Sc.—*Monetary Economics*, III 3 v (final year). Others will be admitted only by permission of Professor Sayers, to whom applications should be made in writing. Familiarity with H. G. Johnson's *Survey of Monetary Theory* (A.E.R. 1962, and reprinted in *Surveys in Economic Theory*) will be assumed, and specific reading for each meeting will be prescribed in the terminal programmes of the Seminar.

60. British Financial Institutions.

Professor Sayers. Four lectures of one-and-a-half hours each, Michaelmas Term.

For M.Sc.—*Monetary Economics*, III 3 v (preliminary year) and graduate students from overseas.

Description of course.—A brief explanation of the U.K. monetary system. There will be opportunity for questions and discussion at the end of each lecture.

ECONOMICS OF PUBLIC ENTERPRISE

In the Session 1967–68 no graduate courses will be provided for M.Sc.—*Economics of Public Enterprise*, III 3vi.

ECONOMICS OF TRANSPORT

61. Economics of Transport (Graduate Class).

Economics

Mr. Thomson. Twenty-five classes, Sessional.

For M.Sc.—*Economics of Transport*, III 3 (vii); *The Economics of Regional and Urban Planning*.

Description of course.—Problems in transport economics: welfare aspects; social costs; cost-benefit analysis; consumers' surplus analysis; cost functions for road and rail transport; traffic prediction; traffic distribution; urban planning; new forms of transport; planning of ports and airports; licensing of road haulage and public transport; transport and the national product; transport and economic growth; optimum location of activities.

Selected reading.—J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; C. D. Foster, *The Transport Problem*; British Railways Board, *The Reshaping of British Railways* (Beeching Report); Ministry of Transport, *Road Pricing: the Economic and Technical Possibilities* (Smeed Report); *Traffic in Towns* (Buchanan Report); *Report on Carriers' Licensing*.

PUBLIC FINANCE

62. The Economics of Public Finance.

Dr. Breton. Twenty lectures, Sessional.

For M.Sc.—*Public Finance*, III 3viii (final year).

Description of course.—The lectures will examine in detail some modern theories of government expenditures, government policies and public goods in a general equilibrium framework and show the relation of some of these theories to benefit-cost analysis. The problem of external economies and dis-economies and the question of possible solutions to these problems will then be discussed. Personal and corporation income taxes, excise taxes on domestic and foreign products, capital gains value-added and property taxes will be analysed in a general equilibrium two-product, two-factor, two-person economy. The welfare effects of these taxes will then be considered in detail.

Selected reading.—R. A. Musgrave, *The Theory of Public Finance*; A. Williams, *Public Finance and Budgetary Policy*; L. Johansen, *Public Economics*; A.E.A., *Readings in the Economics of Taxation*; A. R. Prest, *Public Finance in Theory and Practice*; J. Tinbergen, *Economic Policy: Principles and Design*; A. Downs, *An Economic Theory of Democracy*; J. M. Buchanan and G. Tullock, *The Calculus of Consent*.

62(a). Seminar in Public Sector Economics.

Dr. Breton. Fortnightly, Sessional.

For M.Sc.—*Public Finance*, III 3(viii) (final year). Others who wish to attend may do so by permission of Dr. Breton.

THE ECONOMICS OF INDUSTRY

63. Economics of Industry.

Professor Yamey. Twenty-five lectures, Sessional.

For M.Sc.—*Economics of Industry*, III 3ix (final year).

Description of course.—(i) Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialisation and diversification; conditions of new entry. (ii) Expansion and contraction of industries and changes in their structure; changes in concentration, market shares and ranks, vertical integration, and specialisation and diversification. The process of structural change: entry, exit and mergers. (iii) The economics of innovation in industry. (iv) The relation between industrial structure, forms of competitive behaviour, and economic performance. (v) Pricing policies and practices of manufacturers, including limit

Lectures, Classes and Seminars

pricing, delivered price systems, tied sales, rebate schemes and resale price maintenance. (vi) Public policy in relation to the structure and performance of industries (selection of topics).

Selected reading.—J. S. Bain, *Barriers to New Competition*; R. Evely and I. M. D. Little, *Concentration in British Industry*; S. M. Loescher, *Imperfect Collusion in the Cement Industry*, chaps. 1, 4 and 5; P. W. MacAvoy, *Price Formation in Natural Gas Fields*; G. Maxcy and 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.

63(a). Classes.

Twelve classes, Lent and Summer Terms.

64. Economic Aspects of the Joint Stock Company.

Mr. Hindley. Eight lecture-discussions, Lent and Summer Terms.
For M.Sc.—*Economics of Industry*, III 3ix (final year).

Description of course.—(i) Theories of corporate behaviour designed primarily to illuminate the relations between companies and their economic environment. (ii) Theories relating to the internal organisation and operation of companies.

THEORY OF BUSINESS DECISIONS AND ORGANISATIONS

65. Decisions and Organisations.

Mr. Foldes. Twenty lectures and twenty classes, Michaelmas and Lent Terms.
For M.Sc.—*Theory of Business Decisions and Organisations*, III 3x (final year).

Description of course.—The subject falls broadly into two parts: the study of decision problems, including the main quantitative techniques for their practical solution; and the theory of organisations, including relevant work in economics, decision and game theory, psychology and sociology. The course will discuss in detail a limited number of topics, depending partly on the interests of the participants.

Reading.—Before beginning the course students should have a background of mathematics at least equivalent to course 906. Mathematics A. (second year) and of statistics to course 912. Elementary Statistical Theory—I. It will be assumed that they have read H. A. Simon, *The New Science of Management Decision* and W. Baumol, *Economic Analysis and Operations Research*. Selected course reading: H. Theil, *Optimal Decision Rules for Government and Industry*; P. Massé, *Optimal Investment Decisions*; A. D. Luce and H. Raiffa, *Games and Decisions*, chaps. 1–7 and 13–14; T. C. Schelling, *The Strategy of Conflict*; R. Cyert and J. G. March, *A Behavioral Theory of the Firm*; J. G. March and H. A. Simon, *Organizations*; B. E. Collins and H. Guetzkow, *A Social Psychology of Group Processes for Decision-Taking*.

65(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

BUSINESS FINANCE

In the Session 1967–68 no graduate courses will be provided for M.Sc.—*Business Finance*, III 3xi.

Economics

ECONOMICS OF POOR COUNTRIES AND THEIR DEVELOPMENT

66. The Economics of Poor Countries and their Development.

Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economics of Poor Countries and their Development*, II 3iii, III 3xii (final year); Dip. Development Admin.; optional for Dip. Soc. Admin., Overseas Option (second and 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.

66(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

For M.Sc. students only.

67. Seminar on the Economics of Poor Countries.

Professor Myint and Dr. Mazumdar. Sessional, in conjunction with Course No. 66. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Myint or Dr. Mazumdar, to whom application should be made in writing.

68. Economic Problems of Public Investment and Planning in Underdeveloped Countries.

Dr. Mazumdar. Twelve lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.—*Economics of Poor Countries and their Development*, II 3iii; III 3xii (final year); Dip. Development Admin.; Special Course for Overseas Administrators. Optional for M.Sc.—*Economic Problems of the Communist World*, III 3xiv (final year).

Description of course.—The course will examine theoretical problems relating to the formulation of investment programmes in underdeveloped countries. Topics to be covered will include: “Surplus” labour and the question of the “shadow wage”. Theory of the choice of techniques. Formulation of operational criteria for the evaluation of public investment projects. Problem of the interest rate. Principles of allocation of investment between producer goods and consumer goods industries. Major types of macro-models for planned development. Applicability of input-output and programming models to underdeveloped countries.

68(a). Classes.

Fifteen classes. Michaelmas and Lent Terms.

69. Role and Development of Financial and Capital Markets.

Dr. Goodhart. Five lectures, Summer Term.

For M.Sc.—*Economics of Poor Countries and their Development*, II 3iii; III 3xii.

Selected reading for courses 66 to 69.—A. N. Agarwala and S. P. Singh, *The Economics of Underdevelopment*; P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries*; H. J. Bruton, *Principles of Development Economics*; A. K. Cairncross, *Factors in Economic Development*; C. Eicher and L. Witt, *Agriculture and Economic Development*; H. G. Johnson, *Economic Policies Toward Less Developed Countries*; H. G. Johnson, *Money, Trade and Economic Growth*; S. Kuznets, *Modern Economic Growth, Rate Structure and Spread*; W. A. Lewis, *Development Planning*; S. Marglin, *Public Investment Criteria*; G. M. Meier, *Leading Issues in Development Economics*; H. Myint, *Economics of the Developed Countries*; E. Nevin, *Capital Funds in Underdeveloped Countries*; A. R. Prest, *Public Finance in Underdeveloped Countries*; T. W. Schultz, *Transforming Traditional Agriculture*; P. T. Bauer and B. S. Yamey, “The Economics of Market-

Lectures, Classes and Seminars

ing Reform" (*Journal of Political Economy*, June 1954); H. O. Chenery, "The Interdependence of Investment Decisions" in M. Abramovitz et al., *Allocation of Economic Resources*; O. Eckstein, "Investment Criteria of Economic Development on the Theory of Intertemporal Welfare Economics" (*A.J.E.*, 1957); S. Enke, "The Economic Aspects of Slowing Population Growth" (*The Economic Journal*, March, 1966); M. Frankel, "Producers' Goods, Consumers' Goods and Acceleration of Growth" (*The Economic Journal*, March, 1961); H. Myint, "Economic Theory and the Underdeveloped Countries" (*Journal of Political Economy*, October, 1965); A. K. Sen, "Choice of Capital Intensity in Development Planning" (*Quarterly Journal of Economics*, November, 1957); "The Quest for Stabilization of Primary Producing Countries: A Symposium" (*Kyklos*, 1958, No. II); "Stabilization and Development of Primary Producing Countries: A Further Symposium" (*Kyklos*, 1959, No. III).

AGRICULTURAL ECONOMICS

70. Agricultural Economics.

Mr. Metcalf and others. Twenty-five lectures, Sessional.
For M.Sc.—*Agricultural Economics*, III 3(xiii) (final year).

Description of course.—The course will be divided into two parts: (a) Production Economics: theory of the firm as applied to agriculture; linear programming; decision making under uncertainty; aggregative analysis of agriculture's supply of output and demand for inputs. (b) Marketing: market structure analysis; the government in relation to agricultural marketing; market efficiency.

Selected reading.—(a) Production Economics: E. O. Heady, *The Economics of Agricultural Production and Resource Use*; E. O. Heady and J. Dillon, *Agricultural Production Functions*; E. O. Heady and L. Tweeten, *Resource Demand and Structure of the Agricultural Industry*. (b) Marketing: H. F. Breimyer, *Industrial Freedom and the Economic Organization of Agriculture*; W. Mueller and L. Garain, *Changes in the Market Structure of Grocery Retailing*.

71. Seminar on Economic Theory and Research Methods—Application to Agriculture.

Mr. Metcalf and Mr. Josling. Sessional.
For M.Sc.—*Agricultural Economics*, III 3(xiii) (final year).

Description of course.—Special reference will be made to agricultural policy in both developed and underdeveloped countries.

Reading.—Students are advised to read the following before attending the course: D. Hathaway, *Problems of Progress in the Agricultural Economy*; D. Hathaway, *Government and Agriculture*; Schickele, *Agricultural Policy*.

ECONOMIC PROBLEMS OF THE COMMUNIST WORLD

72. Soviet Economic Structure.

Professor Wiles and Dr. Zauberman. Thirty lectures, Lent and Summer Terms.
For M.Sc.—*Economic Problems of the Communist World*, III 3xiv (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.*

Economics

73. Techniques in Normative and Indicative Planning.

Dr. Zauberman and Professor Wiles. Thirty-five lectures, Lent and Summer Terms.
For M.Sc.—*Economic Problems of the Communist World*, III 3xiv (final year); optional for M.Sc.—*Economics of Poor Countries and their Development*, III 3xii (final year).

Description of course.—This course will deal with techniques and tools in both normative and indicative planning. Non-socialist and development planning are extensively treated. Mathematical techniques will be given special consideration.

1. Basic instruments: (a) Techniques for consistency; (b) Techniques for optimization. 2. Aggregation and disaggregation. 3. Problems of information. 4. Prognosis in long-term planning. 5. Optimality criteria. 6. Cybernetical approach. 7. Normative planning. 8. Indicative planning. 9. Theoretical models.

Recommended reading.—A. Zauberman, *Aspects of Planometrics* (1967) and literature referred to there—as introduction.

74. Problems of Planning Techniques.

Occasional seminars will be held in the Lent and Summer Terms by Dr. Mazumdar, Professor Wiles and Dr. Zauberman. Attendance is by permission of Dr. Mazumdar.
For M.Sc.—*Economic Problems of the Communist World*, III 3xiv (final year). Optional for M.Sc.—*Economics of Poor Countries and their Development*, III 3xii (final year).

ECONOMIC ASPECTS OF ACCOUNTING

The courses for M.Sc.—*Economic Aspects of Accounting*, III 3(xv) are listed in the section on Accounting and Finance.

(B) M.Sc. IN ECONOMETRICS

QUANTITATIVE ECONOMICS

75. Seminar in Quantitative Economics.

Professor Sargan, Professor Gorman and others. Sessional.
For M.Sc.—*Quantitative Economics*, IV 1.

Description of course.—Papers will cover recent applied econometric work, the econometric models and methodology used.

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*.

76. Aggregation in Economic and Econometric Models.

Professor Gorman. Ten lectures, Lent Term.
For M.Sc.—*Quantitative Economics*, IV 1.

ADVANCED ECONOMIC ANALYSIS

77. Advanced Economic Analysis.

Professor Hahn and Professor Sargan. Thirty lectures, Michaelmas and Lent Terms.
For M.Sc.—*Advanced Economic Analysis*, IV 2(i).

Lectures, Classes and Seminars

Description of course.—Non-negative matrices, stability and existence of equilibrium, growth models.

Recommended reading will be given during the course.

78. Seminar in Mathematical Economics.

Professor Hahn, Professor Gorman and Professor Sargan. Fortnightly, Sessional. For M.Sc.—*Advanced Economic Analysis*, IV 2(i).

79. Theory of Games.

Lecturer to be announced. Ten lectures.

ECONOMETRIC THEORY

80. Econometric Methods.

Professor Sargan. Twenty-five lectures, Sessional. For M.Sc.—*Econometric Theory*, IV 2(ii); optional for XI 4(iv); XIX 6.

Description of course—Least squares, Aitken generalised, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading.—J. Johnston, *Econometric Methods*; A. S. Goldberger, *Econometric Theory*.

80(a). Classes.

Twenty classes, Michaelmas and Lent Terms.

81. Seminar in Econometrics.

Professor Sargan and Professor Gorman. Fortnightly, Sessional. For M.Sc.—*Econometric Theory*, IV 2(ii). Others will be admitted only by permission of Professor Phillips or Professor Sargan.

(C) M.Sc. IN REGIONAL AND URBAN PLANNING STUDIES

83. Seminar in Regional and Urban Economics.

Professor Day and Dr. Corry. Fifteen meetings, Lent and Summer Terms. For M.Sc.—*The Economics of Regional and Urban Planning*, XIII 1.

III. GRADUATE SEMINARS

For seminars intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

84. Problems in Industrial Administration.

Professor Sir Ronald Edwards. Sessional (evening). Admission strictly by permission of Professor Sir Ronald Edwards.

The seminar, which is organised 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, organisation and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organisation and economics of research; the development of new enterprises; industrial location in the light of

Economics

present Government policy; labour relations and the human factor; relations with trade associations and Government departments.

85. Labour Problems.

Professor Phelps Brown and Professor Roberts. Sessional. A seminar on problems of the economics of labour and industrial relations. Admission by permission of Professor Phelps Brown or Professor Roberts.

86. Workshop in the Economics of Education.

Dr. Blaug. Fortnightly, Sessional.

This workshop will proceed systematically through the advanced literature in the subject. Admission is by permission of Dr. Blaug.

87. Monetary Economics: Theory and Testing.

Professor H. G. Johnson and Mr. Alford. 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.

88. Economic Problems of the Communist World (Seminar).

Professor Wiles and Dr. Zauberman. Sessional. Also suitable for M.Sc.—*Economic Problems of the Communist World*, III 3(xiv). Admission by permission of Professor Wiles or Dr. Zauberman.

89. Economics and Politics of the International Petroleum Industry.

This seminar will not be held in the session 1967–68; it will be held in the session 1968–69.

IV. ADDITIONAL COURSES FOR UNDERGRADUATES AND/OR GRADUATES

92. Behaviouralism and Economic Analysis

Dr. Devletoglou. Five lectures, Lent Term. Suitable for all graduate students.

Description of course.—A survey of the major recent attempts to emphasise human behaviour in economic analysis in a manner compatible with current developments in the behavioural disciplines. The lectures will concentrate on the theory of consumer and firm behaviour, but will also consider problems in macro-behaviour.

Recommended reading.—N. Georgescu-Roegen, *Analytical Economics*, 1966, Parts I and II; F. M. Nicosia, *Consumer Decision Processes*, 1966; A. G. Papandreou, "Some Basic Problems in the Theory of the Firm" (*A Survey of Contemporary Economics*, Vol. II, A.E.A., 1952); J. A. Howard, *Buyer and Executive Behavior*, 1963; R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*, 1963; N. E. Devletoglou, "A Dissenting View of Duopoly and Spatial Competition" (*Economica*, May, 1965); H. A. Simon, "Theories of Decision-Making in Economics and Behavioural Science" (*Surveys of Economic Theory*, A.E.A.-R.E.S., 1966); N. E. Devletoglou and P. A. Demetriou, "Choice and Threshold" (*Economica*, November, 1967).

93. Economic Institutions Compared.

Professor Wiles. Ten lectures, Lent Term. Primarily for undergraduates.

Description of course.—Capitalism, classical Communism, Titoism, French planning.

Lectures, Classes and Seminars

94. Economic Theory of Government.

Dr. Breton. Five lectures.

Description of course.—The lectures will analyse an economically-based theory of government behaviour; an approach to government policies consistent with that theory; the nature and properties of the demand for public goods derived from that theory; and some special problems resulting from interjurisdictional spillovers of benefits and interjurisdictional mobility of consumer-worker-voters which arise when public goods are explicitly considered in a multi-jurisdictional system such as a federal country or the world.

95. Introduction to Linear Programming.

Dr. Makower. Ten lectures.

Suitable for undergraduates.

96. Macro-Distribution Theory.

Dr. Corry. Five lectures, Lent Term.

97. Marxist Economics.

Dr. Corry. Five lectures, Michaelmas Term.

98. Recent Theories of Business Behaviour.

Mr. Townsend. Five lectures, Summer Term.

99. 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 1950's*; S. Brittain, *The Treasury under the Tories*; P. D. Henderson, *Economic Growth in Britain*.

100. The Political Economy of Opulence.

Professor H. G. Johnson. Three lectures, Lent 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.

101. Topics in Welfare Economics.

Dr. Mishan. Six lectures, Summer Term.

Suitable for graduate students.

Accounting and Finance

Accounting and Finance

133. Accounting I: Introduction.

Professor Edey. Eight lectures and eight classes, Michaelmas Term. This course will also be given in the evening in 1967-68.

For B.Sc. (Econ.) Part II (second year)—*Accounting and Finance*, V 7 and 8; *Economic Statistics and Business Accounts*, V 3; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a; *Business Finance*, IV 6, 7 and 8g.

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: Company Accounting.

Professor Edey. Twelve lectures and twenty classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Accounting and Finance*, V 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*; and for compound interest, D. W. A. Donald, *Compound Interest and Annuities Certain*; W. Lundie, *Elementary Theory of Finance*; R. E. Underwood, *The Elements of Actuarial Science*. For descriptions of company accounting practice see Rowland, *Principles of Accounts*; Spicer and Pegler, *Bookkeeping 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: Accounting Systems.

Professor Baxter, Mr. Wakeford and another. Twenty meetings, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (second year)—*Accounting and Finance*, V 7 and 8; *Economic Statistics and Business Accounts*, V 3.

Note.—Accounting I (Course No. 133) is a prerequisite for Accounting IIb.

136. Accounting IIc: The Plan of the Firm.

Ten meetings, Summer Term.

For B.Sc. (Econ.) Part II—*Accounting and Finance*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h (second year).

Syllabus.—An examination, using the total systems concept, of models of the integrated process of planning and control. Use of scientific method in business; comprehensive planning; corporate strategy; budgetary models and simulation; programme budgeting; planning and control by feedback.

Recommended reading.—H. A. Simon, *The New Science of Management Decision*; H. C. Edey, *Business Budgets and Accounts*; Stanford L. Optner, *Systems Analysis for Business and Industrial Problem Solving*; D. W. Ewing (Ed.), *Long Term Planning for Management* (selected articles); C. T. Horngren, *Accounting for Managerial Control*, chap. 6; R. Mattessich, *Accounting and*

Lectures, Classes and Seminars

Analytical Methods, chap. 8, section 3, chap. 9. Reference may be made to C. R. Bonini, R. K. Jaedicke, H. M. Wagner, *Management Controls: New Directions in Basic Research*.

137. Accounting IIIa: Decisions in the Firm.

Mr. Carsberg. Ten lectures and twelve classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II (third year)—*Accounting and Finance*, V 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; III 3xv; *Management Accounting*, XI 4ii.

Syllabus.—Cost analysis for decision making; the limitations of cost accounting data. 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: R. N. Anthony, *Management Accounting* (3rd edn.); 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.); M. J. Gordon and G. Shillinglaw, *Accounting—A Management Approach*; J. T. S. Porterfield, *Investment Decisions and Capital Costs*; E. Solomon, *The Management of Corporate Capital*.

138. Accounting IIIb.

Professor Baxter. Eighteen meetings, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II (third year)—*Accounting and Finance*, V 7 and 8; M.Sc.—*Economic Aspects of Accounting I and II*, I 1.

Syllabus.—(1) Company accounting. Advanced company accounts; holding companies; accounting aspects of taxation.

(2) Valuation theory. Valuation of a business, shares, partnerships rights, individual assets, etc.; measurement of income; depreciation; changing price levels.

Recommended reading.—E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (16th edn.); W. T. Baxter, "The Accountant's Contribution to the Trade Cycle" (*Economica*, May, 1955); 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 W. Pickles, *Accountancy*; L. R. Dicksee, *Auditing*; T. B. Robson, *Consolidated and Other Group Accounts*; F. R. M. de Paula, *The Principles of Auditing*. 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 7 and 8; M.Sc.—*Economic Aspects of Accounting I and II*, I 1; and others interested.

140. Company Management.

Mr. Carsberg. Six classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II (third year)—*Accounting and Finance*, V 7 and 8.

141. Accounting and Economic Theory (Seminar).

Professor Baxter, Mr. Gould, Mr. Carsberg and Mr. Bromwich. A series of weekly meetings and two week-end discussion courses, Michaelmas and Lent Terms. Business valuation, cost analysis and other topics of economic analysis and accounting will be discussed.
For B.Sc. (Econ.) Part II—*Accounting and Finance*, V 7 and 8; M.Sc.—*Economic Aspects of Accounting I and II*, I 1.

Accounting and Finance

142. Taxation (Class).

Mr. J. W. Smith. Classes in conjunction with Course No. 437.
For B.Sc. (Econ.) Part II—*Commercial Law*, V 6.

143. Accounting for Non-Specialists (Revision).

Mr. Bromwich. Five 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.—Balance sheet and income account; flow of funds. Analysis of financial statements.

Recommended reading.—H. C. Edey, *Introduction to Accounting*; R. K. Jaedicke and R. T. Sprouse, *Accounting Flows: Income, Funds, and Cash* (relevant chaps.).

144. Elements of Management Mathematics.

Mr. Must. Twenty lectures and twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, V 2g (third year); M.Sc.—*Management Mathematics*, I 2iv, Dip. Personnel Management.

Syllabus.—An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: set theory, critical path analysis, probability, decision theory, queues, stock control, dynamic programming, linear programming and games theory.

Recommended reading.—J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*; B. W. Dean, M. W. Sasieni and S. K. Gupta, *Mathematics for Modern Management*.

145. Financing Problems of the Firm.

Mr. French. Fifteen meetings, Lent and Summer 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*; H. B. Rose, *Disclosure in Company Accounts* (Eaton Paper 1); A. Vice, *Balance Sheet for Takeovers* (Hobart Paper 3).

146. Business Finance.

Mr. J. W. Smith. Ten classes, Michaelmas Term.
For B.Sc. (Econ.) Part II (third year)—*Business Finance*, IV 6, 7 and 8g.

147. 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, Michaelmas Term.

149. Selected Topics in Costing, Valuation and Income Measurement.

Professor Edey and others. Ten meetings, Lent Term.
For M.Sc.—*Economic Aspects of Accounting I and II*, I 1; III 3xv.

Lectures, Classes and Seminars

150. Capital Budgeting.

Mr. Carsberg. Seven meetings, Lent Term.

For M.Sc.—*Economic Aspects of Accounting I and II*, I 1; III 3xv.

151. Economics of Industry.

Professor Yamey. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.—*Economics of Industry*, I 2iii.

152. Long-Term Planning and Control.

Mr. Bromwich. Ten meetings, Lent Term.

For M.Sc.—*Economic Aspects of Accounting I and II*, I 1; III 3xv.

153. Introduction to Accounting for Non-Specialists.

Professor Edey. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For M.Sc.—*Economic Aspects of Accounting*, III 3xv; *Management Accounting*, XI 4ii.

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 separate college syllabuses for the B.Sc. (new regulations) 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.

COURSES FOR B.Sc. (ECON.) PART I

183. Introduction to Geography.

Professor Wise. Thirty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1967-68.

Syllabus.—The development of geographical thought and an outline of the scope and methods of modern geography.

Recommended reading.—O. J. R. Howarth and R. E. Dickinson, *The Making of Modern Geography*; H. J. Wood, *Exploration and Discovery*; G. R. Crone, *Maps and their Makers*; W. A. Gauld, *Man, Nature and Time*; L. D. Stamp, *Applied Geography; Our Developing World*; Griffith Taylor (Ed.), *Geography in the Twentieth Century*; G. R. Crone, *Background to Geography*; R. E. Dickinson, *City and Region*; R. J. Chorley and P. Haggett (Eds.), *Frontiers in Geographical Teaching*; J. I. Clarke, *Population Geography*.

183(a). Geography Class.

Professor Wise, Dr. Odell, Dr. Board, Dr. Hamilton and Mr. Ellenby. Fortnightly, Sessional.

COURSES FOR B.A. (HONOURS), B.Sc. (SPECIAL), B.Sc. (NEW REGULATIONS) AND B.Sc. (ECON.) PART II.

Note: Students reading for B.A. (Honours), B.Sc. (Special) and B.Sc. (new regulations) are required to attend three field classes, one in each year of their course. Students reading Geography as a special subject in Part II of the B.Sc. (Econ.) are required to attend two field classes, one in the second and one in the third year of their course. The field classes are normally of one week's duration and are customarily arranged during the Easter vacation.

184. Physical Basis of Geography.

Compulsory for B.A.; B.Sc. (new regulations) (first year). Only sections I and II required for B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (second year).

I. Landforms.

Dr. Embleton and Mr. Thornes. Twenty-five lectures, Sessional.

Syllabus.—The nature and effects of tectonic and erosional processes in the evolution of landscape. A treatment of selected aspects of the physical geography of Britain.

Recommended reading.—A. Holmes, *Principles of Physical Geology*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; C. A. M. King, *Beaches and Coasts*; C. A. M. King, *Techniques in Geomorphology*.

II. Meteorology and Climatology.

Dr. Jackson and Mr. Hay. 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. R. Byers, *General*

Lectures, Classes and Seminars

Meteorology; G. T. Trewartha, *The Earth's Problem Climates*; S. Petterssen, *Introduction to Meteorology*; H.M.S.O., *A Course in Elementary Meteorology*; H. C. Willett and F. Sanders, *Descriptive 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); A. G. Tansley, *The British Isles and their Vegetation*; B. Wallace and A. M. Srb, *Adaptation* (Foundations of Modern Biology Series).

185. Economic Geography—I.

Dr. Odell and Dr. J. E. Martin. Twelve lectures, Michaelmas and Lent Terms. This course will be given only in the day in the session 1967-68.

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A. and B.Sc. (Special)—*Economic Geography*, 7 and 8 (v) Paper I (second year); B.Sc. (new regulations)—*Economic Geography I* (second year).

Syllabus.—Concepts and methods of economic geography. The nature of resources and their exploitation. The geography of energy and of mineral production.

Recommended reading.—E. W. Zimmermann, *World Resources and Industries*; 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. McCarty and J. B. Lindberg, *A Preface to Economic Geography*.

185(a). Economic Geography—I (Class).

Dr. Odell, Mr. Ellenby and others. Twelve classes, Michaelmas and Lent Terms.

For B.A.—*Economic Geography*, 7 and 8(v) Paper I (second and third years); B.Sc. (new regulations)—*Economic Geography I* (second year).

185(b). Economic Geography (Class).

Dr. J. E. Martin.

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f (second year).

186. Economic Geography—II.

Professor Buchanan. Twelve lectures, Lent and Summer Terms, beginning in the third week of the Lent Term. This course will be given only in the day in the Session 1967-68.

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A.—*Economic Geography*, 7 and 8(v) Paper I (second year); B.Sc. (new regulations)—*Economic Geography II* (second 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*.

186(a). Economic Geography—II (Class).

Professor Buchanan and others. Ten classes, Lent and Summer Terms, beginning in the third week of the Lent Term.

Geography

For B.A.—*Economic Geography*, 7 and 8(v) Paper I (second and third years); B.Sc. (new regulations)—*Economic Geography II* (second year).

187. Economic Geography—III.

Dr. J. E. Martin, Dr. Estall, Dr. K. R. Sealy and Dr. Hamilton. Twenty lectures, Michaelmas and Lent Terms. This course will be given in the day and in the evening in the session 1967-68.

For B.Sc. (Econ.) Part II—*Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A.—*Economic Geography*, 7 and 8(v) Paper II (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*; N. J. G. Pounds, *The Geography of Iron and Steel*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; 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); D. St. J. Thomas, *The Rural Transport Problem*; K. R. Sealy, *The Geography of Air Transport*; B. T. Bayliss, *European Transport*.

187(a). Economic Geography—III (Class).

Dr. J. E. Martin and Dr. Hamilton. Ten classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Special)—*Economic Geography*, 7 and 8(v) Paper II (third year).

188. Economic Geography—IV.

An intercollegiate course. At Birkbeck College.

Professor Wise and others.

For B.Sc. (Econ.) Part II—*Economic Geography*, XV 5; B.A.—*Economic Geography*, 7 and 8(v) Papers I and II (second and third years); B.Sc. (new regulations)—*Economic Geography I and II* (second year).

189. Human Geography—I.

Professor Jones. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—special subject Geography; *Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e (second year); B.A.; B.Sc. (new regulations) (first year).

Syllabus.—An introduction to the field of human geography. The facts and concepts of the geography of society. Topics and problems will be selected for discussion to provide a basis for subsequent work in optional subjects such as social geography, political geography and historical geography.

Recommended reading.—J. B. Brunhes, *Human Geography*; Vidal de la Blache, *Principles of Human Geography*; A. M. Carr-Saunders, *Population*; C. D. Forde, *Habitat, Economy and Society*; Preston E. James, *A Geography of Man*; E. Jones, *Human Geography*; J. H. G. Lebon, *An Introduction to Human Geography*; J. Houston, *A Social Geography of Europe*.

190. Human Geography—II.

Dr. Lambert and Dr. Yates. Twenty-five lectures, Sessional.

Compulsory for B.A.; B.Sc. (new regulations) (first year). To be taken in conjunction with Course No. 189.

Syllabus.—A general study of the inter-relation between man and his physical environment from earliest times.

Lectures, Classes and Seminars

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*.

191. Cartography and Map Analysis.

Dr. Board and Dr. Jackson. Twenty lectures, Michaelmas and Lent Terms.
Compulsory for B.A.; B.Sc. (new regulations) first-year students registered (in the Joint School of Geography) at the London School of Economics. For B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (second year), Michaelmas Term only.

Syllabus.—(i) Map design and utilisation; maps as means of communication and as tools for research.

(ii) An introduction to geographical statistics; aids to calculation; the diagrammatic presentation of statistical material.

Recommended reading.—A. H. Robinson, *Elements of Cartography* (2nd edn.); F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; S. Gregory, *Statistical Methods and the Geographer*; D. Huff, *How to Lie with Statistics*; M. J. Moroney, *Facts from Figures*; W. J. Reichmann, *Use and Abuse of Statistics*.

191(a). Cartography and Map Analysis (Practical).

Dr. Board, Mr. Ellenby and Mr. Thornes. Twenty-five classes, Sessional. To be taken in conjunction with course No. 191 by all first-year students registered in the Joint School of Geography at the London School of Economics for B.A. (Honours) and B.Sc. (new regulations).

Syllabus.—Techniques of map-making, map design and the representation of physical and cultural landscapes on maps. The principal methods of making thematic maps. The analysis of topographic and thematic maps, both British and foreign.

191(b). Practical Mapwork.

Dr. Jackson and others. Twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Physical Geography*, XV 4 (second year). See also course No. 192, to be taken in the Michaelmas Term.

Syllabus.—The types and scales of published maps, both British and foreign, and the techniques of their preparation. Cartographic methods of representing economic, climatic and other geographical data. The interpretation of topographical, geological, land-use and other maps. Practical exercises in 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*.

192. Elements of Cartography (Map Projections and Surveying).

Professor Pugh and Mr. Lawrence. Twenty-five lectures, Sessional, with field work in the third term.

Compulsory for first-year students registered in the Joint School of Geography 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*

Geography

of *Hydrographic Surveying*; J. Mainwaring, *An Introduction to the Study of Map Projection*; D. Clark, *Plane and Geodetic Surveying*, Vol. I.

192(a). Elements of Cartography and Map Interpretation (Practical).

Mr. Lawrence. Twenty-five classes, Sessional.

Compulsory for first-year students registered in the Joint School of Geography at King's College. See also course No. 192.

193. Advanced Regional Geography—British Isles.

Professor Wise, Dr. Embleton, Mr. Sinclair and Mr. Ellenby. Forty lectures, Michaelmas and Lent Terms.

For B.A.; B.Sc. (new regulations) (second year). Appropriate sections only for B.Sc. (Econ.) Part II—*The British Isles*, XV 6 (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.

The course will be accompanied by recommended practical map work.

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*; Wilfrid 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. J. Coppock and H. Prince (Eds.), *Greater London*; K. M. Clayton (Ed.), *Guide to London Excursions*.

193(a). Advanced Regional Geography—British Isles (Practical).

Professor Wise and Mr. Sinclair. Twenty classes, Michaelmas and Lent Terms.

Compulsory for B.A. and B.Sc. (new regulations) second-year students registered in the Joint School of Geography at the London School of Economics. Students registered at King's College will attend the second-year course in Cartography and Map Interpretation given at King's College.

194. An Introduction to the Geography of Europe.

Professor Harrison Church, Mr. Lawrence and Dr. Hamilton. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Europe*, XV 7 (second year).

Syllabus.—This course forms an introduction to a full course on Western and Central Europe to be given in the following year. Topics for study during the summer vacation will be suggested.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*; T. H. Elkins, *Germany*.

195. Advanced Regional Geography—Europe (excluding the U.S.S.R.).

For B.A.; B.Sc. (Special); B.Sc. (new regulations). Students are required to take two of the following optional courses in their second and/or third years. Options (ii) and (iii) are for B.Sc. (Econ.) Part II—*Europe*, XV 7 (third year).

(i) Europe (excluding the U.S.S.R.)—General Regional Geography.

Miss A. M. Coleman. Sessional.

Lectures, Classes and Seminars

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*.

(ii) **Western Europe (France, Belgium, Netherlands, Luxembourg).**

Professor Harrison Church, Dr. J. E. Martin and Mr. Lawrence. Michaelmas Term.

Recommended reading.—F. J. Monkhouse, *A Regional Geography of 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*.

(iii) **West Central Europe (Germany, Austria, Switzerland, Netherlands).**

Dr. Yates. Lent Term.

(iv) **West Mediterranean Europe (Spain, Portugal, Italy, Mediterranean France).**

Mr. Sinclair. Michaelmas Term.

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, Iceland).**

Mr. Sinclair. Michaelmas and Lent Terms. This course will not be given in the session 1967-68.

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).**

Dr. Hamilton. Fifteen lectures, Michaelmas and Lent Terms. This course will not be given in the session 1967-68.

Recommended reading.—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. Sárfaivi, *The Geography of Hungary*.

196. Advanced Regional Geography: North America.

Dr. Estall and Dr. K. R. Sealy. Forty lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II—*North America*, XV 8d (i); B.A.; B.Sc. (Special) (third year). Michaelmas Term only: for B.Sc. (new regulations) (second year).

Syllabus.—A study of natural resources and economic development with emphasis on inter-relations in regional geography.

Recommended reading.—J. Wreford Watson, *North America: Its Countries and Regions*; W. R. Mead and E. H. Brown, *The United States and Canada*; J. H. Patterson, *North America*; W. D. Thornbury, *Regional Geomorphology of the United States*; R. C. Estall, *New England: A Study in Industrial Adjustment*; C. L. White and E. J. Foscue, *Regional Geography of Anglo-America*; E. Higbee, *American Agriculture*; L. Haystead and G. C. Fite, *The Agricultural Regions of the United States*; C. M. Green, *The Rise of Urban America*; R. E. Murphy, *The American City*.

197 (i). North America I. Geographical Patterns of Resources and Economic Development.

Dr. Estall and Dr. K. R. Sealy. Fifteen lectures. Lent and Summer Terms.

For B.Sc. (new regulations) (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; a study of contrasting regions with emphasis on the processes of economic development.

Recommended reading.—See Course No. 196.

Geography

197 (ii). North America II.

Dr. Estall and Dr. K. R. Sealy. This course will not be given in the session 1967-68.

A detailed analysis of the economic and social geography of selected regions.

198. Advanced Regional Geography: Monsoon Asia.

Mr. Rawson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Monsoon Asia*, XV 8d (ii); B.A.; B.Sc. (Special) (third year); B.Sc. (new regulations) (second year).

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.

199. Advanced Regional Geography: Africa.

Professor Harrison Church, Professor Pugh and Dr. Board. Sessional.

For B.Sc. (Econ.) Part II—*Africa*, XV 8d (iii); B.A.; B.Sc. (Special) (third year); B.Sc. (new regulations) (second year)—*Africa I*.

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 Sub-Saharan Africa*; J. M. Houston, *Western Mediterranean World*; J. Despois, *L'Afrique du Nord*; R. J. Harrison Church, *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 J. D. Fair, *Development in Africa*.

200. Advanced Regional Geography: Latin America.

Dr. Odell. Sessional.

For B.Sc. (Econ.) Part II—*Latin America*, XV 8d (iv); B.A.; B.Sc. (Special) (third year); B.Sc. (new regulations) (second year)—*Latin America I*. Also for candidates taking Geography as a minor subject in the M.A. in Latin American Studies.

Syllabus.—The evolution of man's occupation; of patterns of settlement; of states and the distribution of economic activities. Studies of selected topics with particular attention to spatial imbalance in the development of the more important countries.

Recommended reading.—Students should be familiar with P. E. James, *Latin America*; G. J. Butland, *Latin America: A Regional Geography*; J. P. Cole, *An Economic and Social Geography of Latin America*.

201. Advanced Regional Geography: the U.S.S.R.

Dr. Hamilton. Sessional.

For B.A.; B.Sc. (Special) (third year).

Lectures, Classes and Seminars

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*.

202. Advanced Regional Geography: Australia and New Zealand.

Dr. Brunsdon. Twenty-five lectures and tutorials, Sessional.
For B.A.; B.Sc. (Special) (third year).

Syllabus.—The study of two developing countries: their evolution and prospects set in the context of limitations in the physical, economic and social environment.

Recommended reading.—J. B. Condliffe, *The Development of Australia*; N. S. Noble (Ed.), *The Australian Environment*; K. W. Robinson, *Australia, New Zealand and the South Pacific*; Griffith Taylor, *Australia*; S. M. Wadham and G. L. Wood, *Land Utilisation in Australia*; A. Hunter (Ed.), *The Economics of Australian Industry*; A. H. Clark, *The Invasion of New Zealand by People, Plants and Animals*; B. J. Garnier, *The Climate of New Zealand*; W. H. Oliver, *The Story of New Zealand*; K. Sinclair, *Distance Looks our Way: The Effect of Remoteness on New Zealand*; K. B. Cumberland and J. W. Fox, *New Zealand: A Regional View*.

203. Systematic Geomorphology.

Dr. Embleton and Mr. Thornes. Twenty-four lectures, Sessional.
For B.A.; B.Sc. (new regulations)—*Geomorphology*, 7 and 8(ii) (second year).

204. Regional Geomorphology.

Dr. Embleton, Dr. Brunsdon and Mr. Thornes. Twenty lectures, Michaelmas and Lent Terms.
For B.A.; B.Sc. (Special)—*Geomorphology*, 7 and 8(ii) (third year).

Syllabus.—The general principles of geomorphology with reference to the British Isles and other selected regions.

Recommended reading.—S. W. Wooldridge and D. L. Linton, *Structure, Surface and Drainage in South-East England*; E. H. Brown, *Relief and Drainage of Wales*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles* (chaps. 6, 7 and 8); K. M. Clayton (Ed.), *A Bibliography of British Geomorphology*.

204(a) Geomorphology—Discussion Class.

Dr. Embleton and Mr. Thornes. Ten meetings, Lent Term.
For B.A.; B.Sc. (Special)—*Geomorphology*, 7 or 8(ii) (third year).

205. Geomorphology.

Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course. At Birkbeck College.
For B.A.; B.Sc. (Special)—*Geomorphology*, 7 and 8(ii) (third year); B.A.; B.Sc. (new regulations) (second year).

206. Meteorology and Climatology—I.

Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course. At University College.
For B.A.—*Meteorology and Climatology*, 7 and 8(iii) Paper I; B.Sc. (new regulations) (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*.

Geography

207. Meteorology and Climatology—II.

Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course.
For B.A.; B.Sc. (Special)—*Meteorology and Climatology*, 8(iii) Paper II (third year).

Recommended reading.—H. M. 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*.

Note: Teaching for other branches of Meteorology and Climatology will be provided at other colleges of the University and are open to all students. Further information may be obtained from Dr. Jackson; not all courses will be available in any one session.

208. Plant Geography—I.

Dr. Yates, Dr. Rose and Mrs. Whatley. An intercollegiate course. At King's College.
For B.A.; B.Sc. (Special)—*Plant Geography*, 7 and 8(iv) Paper I (third year); B.Sc. (new regulations) (second year).

209. Plant Geography—II.

Dr. Yates, Dr. Rose and Mrs. Whatley. An intercollegiate course. At King's College.
For B.A.; B.Sc. (Special)—*Plant Geography*, 7 and 8(iv) Paper II (third year).

Note: Attendance at a field class in Plant Geography is a compulsory part of the course.

210. Historical Geography—I.

Dr. Lambert and Dr. Yates. Sessional.
For B.Sc. (Econ.) Part II—*Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e; XV 8b (third year); B.A. 7 and 8(vi) Paper I; B.Sc. (new regulations) (second 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*.

210(a). Historical Geography Class.

Dr. Lambert and Dr. Yates. Twenty classes, Michaelmas and Lent Terms.

211. Historical Geography—II: Western and Central Europe.

Dr. Lambert and Dr. Yates. Sessional.
For B.A.; B.Sc. (Special)—*Historical Geography, Western and Central Europe*, 7 and 8(vi) Paper II (third year).

Syllabus.—A study of the inter-relations 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, and considering also the geographical significance of political and administrative divisions.

Recommended reading.—W. G. East, *An Historical Geography of Europe*; *The Geography behind History*; 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*.

Lectures, Classes and Seminars

212. History of Geographical Science and Discovery—I.

An intercollegiate course. At Birkbeck College.

For B.A.—*History of Geographical Science and Discovery*, 7 and 8(vii), Paper I; B.Sc. (new regulations) (second year).

Syllabus.—The development of geographical concepts and methods since A.D. 1300 with special emphasis on the inter-relation between ideas and discoveries.

213. History of Geographical Science and Discovery—II: Polar Exploration.

Dr. Jackson and others. An intercollegiate course. At the London School of Economics.

For B.A.; B.Sc. (Special)—*History of Geographical Science and Discovery*, 7 and 8(vii), Paper II (c) (third year).

Syllabus.—A study of Polar Exploration, with reference to original sources.

Note: Teaching for other aspects of the subject will be provided at Birkbeck College.

214. Applied Geography.

Dr. Hall. Sessional. An intercollegiate course.

For B.A.; B.Sc. (Special)—*Applied Geography*, 7 and 8(x) (third year).

Syllabus.—The application of geographical methods to problems of regional survey and land use planning.

Recommended reading.—L. D. Stamp, *The Land of Britain: its Use and Misuse; Land Use in an Urban Environment* (*Town Planning Review* Special Issue No. 32, 1961-2); P. J. O. Self, *Cities in Flood*; J. B. Cullingworth, *Housing Needs and Planning Policy; Town and Country Planning in England and Wales*; R. H. Best and J. T. Coppock, *The Changing Use of Land in Britain*; G. P. Wibberley, *Agriculture and Urban Growth*; "The Regional Problem" (*National Institute Economic Review*, August 1963); P. Haggett, *Locational Analysis in Human Geography*; W. Luttrell, *Factory Location and Industrial Movement*, Vol. I; R. E. Dickinson, *City and Region; The South East Study; The National Plan* (chap. 8); T. E. H. Williams (Ed.), *Urban Survival and Traffic; A New Town in Mid-Wales*; D. Senior (Ed.), *The Regional City*; P. Hall, *The World Cities*; Institution of Civil Engineers, *Proceedings of Highway Engineering Conference*; S. Chapin, *Urban Land Use Planning*; P. M. Hauser and L. F. Schnore, *The Study of Urbanization*; J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem*; W. Owen, *The Metropolitan Transportation Problem*; E. M. Hoover and R. Vernon, *Anatomy of a Metropolis*.

215. Social Geography.

Professor Jones. Sessional.

For B.Sc. (Econ.) Part II—*Social Geography*, XV 8c (third year); B.Sc. (new regulations) (second year).

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. Houston, *A Social Geography of Europe*.

216. The Geography of Urban and Rural Settlement.

Dr. Morley. Twenty lectures and classes, Michaelmas and Lent Terms.

For B.A.; B.Sc. (Special)—*Geography of Settlement*, 7 and 8(ix) (third year).

Syllabus.—A theoretical approach to settlement studies. The conceptual bases for theories of urban and rural settlement. The analysis of models of settlement growth, form and function.

Recommended reading.—B. J. L. Berry and A. Pred, *Central Place Studies; A Bibliography of*

Geography

Theory and Application (1965 edn.); P. Haggett, *Locational Analysis in Human Geography*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*.

217. Geography of Settlement—I: Rural.

Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College.

For B.A.—*Geography of Settlement*, 7 and 8(ix) Paper I; B.Sc. (new regulations) (second year).

218. Geography of Settlement—II: Urban.

Professor Jones and others. Sessional. An intercollegiate course. At The London School of Economics.

For B.A.; B.Sc. (Special)—*Geography of Settlement*, 7 and 8(ix) Paper II (third year).

219. Transport Geography Class.

Dr. K. R. Sealy. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economics and History of Transport*, XV 8e (third year).

220. Political Geography—I.

Professor Harrison Church and Miss Levin. Sessional.

For B.Sc. (Econ.) Part II—*Political Geography*, XV 8a (third year); B.A.—*Political Geography*, 7 and 8(viii) Paper I; B.Sc. (new regulations) (second year).

Syllabus.—A general study of the interaction between geographical factors and the state, including such aspects as territorial organisation and expansion, demographic considerations and strategic factors. A closer study will be made of one or more areas.

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*; Hans W. Weigert and others, *Principles of Political Geography*; W. G. East and A. E. Moodie (Eds.), *The Changing World*.

Other literature will be suggested during the course.

221. Political Geography—II: Frontiers and Boundaries and the Political Geography of a Selected Area.

Professor Harrison Church and others. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political Geography*, XV 8a; B.A.; B.Sc. (Special)—*Political Geography*, 7 and 8(viii) Paper II (third year).

222. Mathematical Geography and Surveying—I.

An intercollegiate course.

For B.A.—*Mathematical Geography and Surveying*, 7 and 8(i); B.Sc. (new regulations) (second year).

223. Mathematical Geography and Surveying—II.

Fifty lectures. An intercollegiate course.

Only for B.A.; B.Sc. (Special)—*Mathematical Geography and Surveying*, 7 and 8(i) (Two-Paper Option) (third year).

224. Geography Seminar.

Dr. Estall and others. Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject Geography (second year).

225. Geography Seminar.

Professor Wise and Mr. Sinclair. Michaelmas and Lent Terms.

Lectures, Classes and Seminars

For B.Sc. (Econ.) Part II—special subject Geography (third year). Discussion on special areas and topics.

226. Geography Seminar.

Professor Jones and Professor Pugh. Sessional.
For B.A.; B.Sc. (Special) (third year).

FOR GRADUATE STUDENTS

Note: Courses 227 to 232 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. Geographical Thought and Practice.

Dr. Board, Dr. Hall and others. Sessional.
A course of lectures and discussions on methodology.
For M.Sc.—*Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3. Students reading for other degrees may attend particular meetings by permission of Dr. Board or Dr. Hall.

227(a). Geographical Thought and Practice (Class).

Dr. Board and Dr. Hall. Michaelmas and Lent Terms.
A seminar class on the theory and practice of geographical research.
For M.Sc.—*Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3. Open to other students by permission of Dr. Board or Dr. Hall.

228. Geography of Agriculture.

Mr. Sinclair. Ten seminars, Michaelmas Term.
Syllabus.—Environmental studies of subsistence and commercial agriculture. Agricultural development and the analysis of changes in the structure of agricultural activity.

229. Geography of Industry.

Dr. J. E. Martin.

230. Transport Studies (Seminar).

Dr. K. R. Sealy.

231. Urban Geography.

Professor Jones.

232. Geography of Energy.

Dr. Odell.

Syllabus.—Studies of the changing spatial patterns of energy production and consumption. The role of energy in regional economic development.

233. Regional Problems in the United States.

Dr. Estall.

Syllabus.—An analysis of the processes of industrial change and of the regional problems arising therefrom.

234. Regional Problems in Latin America (Seminar).

Dr. Odell (Geography), Mr. de Kadt (Sociology), Dr. de Ortiz (Anthropology), Mr. Madian

Geography

(Government) and others. An interdepartmental seminar for M.Sc. students studying a particular region, and other graduate students. Admission by permission.

235. The Spatial Structure of the Latin American Economy.

Dr. Odell.

For M.Sc.—*Geography of a particular Region*, VI 2(vi); *Economics of Poor Countries and their Development*, II 3(iii); III 3(xii); and for students taking Geography as a major or minor subject in the M.A. in Latin American Studies.

Syllabus.—Systematic and regional aspects of the economic geography of Latin America. An introduction to the theory and methodology of regional analysis as applied to developing countries.

236. Aerial Photography in Geographical Studies.

Mr. Rawson and Dr. K. R. Sealy. Admission by permission of Mr. Rawson.

237. Regional and Urban Planning Problems.

Dr. Hall, Professor Day, Professor Self and others. An interdepartmental seminar. Lent and Summer Terms.

For M.Sc.—Regional and Urban Planning Studies.

238. Geographical Concepts of Regional and Urban Planning (Seminar).

Dr. Hall. Sessional.

For M.Sc.—*Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3.

A seminar on the application of locational and spatial concepts to problems of planning.

Recommended reading.—Basic preliminary: J. R. Boudeville, *Problems of Regional Economic Planning*; 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*.

239. Quantitative Methods in Regional and Urban Planning Studies.

Mr. Colbourne. Michaelmas and Lent Terms.

For M.Sc.—Regional and Urban Planning Studies.

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

D. Brunsdon, 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.

J. E. Hay, B.Sc. (Cantab.); Assistant Lecturer in Geography.

G. R. P. Lawrence, M.Sc.; Lecturer in Geography.

C. D. Morley, M.A. (Birmingham), Ph.D. (Australian National University); Lecturer in Geography.

J. C. Pugh, M.A. (Cantab), Ph.D., A.R.I.C.S.; Professor of Geography.

F. Rose, B.Sc., Ph.D.; Senior Lecturer in Biogeography.

Jean Whatley, B.Sc. (Glasgow), M.Sc. (Calif.); Lecturer in Geography.

E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

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History

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	Page
(a) Economic History	333
(b) International History	338
(c) General and Special Courses for B.A. Honours in History	345

Economic History

260. The Economic History of Great Britain and America, 1850-1939.

Professor John 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.—TEXTBOOKS: H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*; W. Ashworth, *A Short History of the International Economy since 1850*; G. P. Jones and A. G. Poole, *A Hundred Years of Economic Development in Great Britain*; M. A. Jones, *American Immigration*; P. d'A. Jones, *The Consumer Society*; W. A. Lewis, *Economic Survey, 1919-1939*; The Royal Institute of International Affairs, *The Problem of International Investment*; C. C. Spence, *The Sinews of American Capitalism*.

FOR REFERENCE: G. C. Allen, *British Industries and their Organisation*; W. Ashworth, *An Economic History of England, 1870-1939*; A. C. Bolino, *The Development of the American Economy* (1966); A. K. Cairncross, *Home and Foreign Investment*; T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America*; H. M. Pelling, *America and the British Left: from Cobden to Bevan*; H. F. Williamson (Ed.), *The Growth of the American Economy*.

261. Industrialisation and the International Economy since 1830.

Professor Fisher and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History* (1) (*Economic History*) I 2a; II 1b; III 2; V 2a; VIII 2; IX 3; XII 3a; XIII 3; XIV 3a; XV 3; XVI 3a (second 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 mechanised transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialisation in Western Europe (including Great Britain), U.S.A., Russia and Japan; the development and organisation of capital and labour markets; the breakdown of the international economy in the inter-war 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 & II; B. E. Supple (Ed.), *The Experience of Economic Growth*.

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).

Lectures, Classes and Seminars

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 organisation 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 Fisher. 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 17th Century*, V 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.—A book-list will be issued at the beginning of the course.

264. English Economic History in its European Background from 1700 to the Second World War.

Professor John, Mr. Baines 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; M.Sc.—*The Sources and Historiography of Economic History in either Britain 1783–1850*, V 1 (iii) or *Britain 1900–1950*, V 1 (iv).

Syllabus and 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 others. 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*, V 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. Michaelmas Term only: for B.A. (Hist.) (second year).

Economic History

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; religions in nineteenth-century England; some of the major schools of political and social thought.

267. Economic History of the United States of America since 1783.

Mr. Potter and Dr. Erickson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, VI 7; VII 7 and 8g (second and third years); M.Sc.—*The Sources and Historiography of the Economic History of the U.S.A., 1890–1929*, V 1 (v).

Syllabus.—Survey of economic conditions in the U.S.A. at the end of the eighteenth century.

Economic aspects of the American constitution; economic problems and policies in the first decades of the American republic.

Consideration of factors influencing North American economic development: 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; sectional conflicts; agriculture since the Civil War; economic problems of the agrarian West; industrial combinations and scale of enterprise; American business fluctuations; the industrialisation of the South and West; characteristics of the American market and the development of marketing methods; problems of the inter-war period; American trade unions.

The economic relations of the United States with Great Britain and with the rest of the world: trade and shipping; migration and the flow of capital.

The economic policy of governments: federal and state finance; banking from the First Bank of the United States to the Federal Reserve System; tariffs; anti-trust legislation; the New Deal.

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 text-books 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); B. and L. P. Mitchell, *American Economic History* (1947); F. A. Shannon, *America's Economic Growth* (1951); H. F. Williamson (Ed.), *The Growth of the American Economy* (1951); C. W. Wright, *Economic History of the United States* (1949).

Other works: C. A. Beard, *An Economic Interpretation of the Constitution of the United States*; C. A. Beard, *The Economic Origins of Jeffersonian Democracy*; H. H. Bellot, *American History and American Historians*; 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. G. 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*; J. Dorfman, *The Economic Mind in American Civilization*; F. R. Dulles, *Labor in America*; E. J. Ferguson, *The Power of the Purse*; 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*; E. C. Kirkland, *Industry Comes of Age, 1860–1897*; H. B. Lary, *The United States in the World Economy*; M. Meyers, *The Jacksonian*

Lectures, Classes and Seminars

Persuasion: Politics and Belief; National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century* (Studies in Income and Wealth, Vol. 24); 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*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

267(a). Economic History of the United States of America (Class).

Mr. Potter and Dr. Erickson.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783*, VI 7; VII 7 and 8g (second and third years).

268. The New Deal and its Aftermath: the U.S.A. since 1930.

Mr. Potter and others. Summer Term.

For B.Sc. (Econ.) Part II—special subject Economic History and all other Part II students interested.

Syllabus.—A short series of meetings will be held at the beginning of the Summer Term to examine various aspects of American economic, political and social history since 1930.

269. Economic History of England from 1216 to 1603.

Miss 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.—Books will be recommended during the course.

269(a). Economic History of England from 1216 to 1603 (Classes).

Miss 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 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 (second and third years).

274. English Economic History from 1760 (Class).

For B.Sc. (Econ.)—*English Economic History from 1760*, VI 4 (second and third years).

Economic History

FOR GRADUATE STUDENTS

275. The Sources and Historiography of the Economic History of England, 1380-1530 (Seminar).
Miss Coleman and Dr. Bridbury. Fortnightly, Sessional.

276. The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar).

Professor Fisher. Fortnightly, Sessional.

277. The Sources and Historiography of British Economic History, 1783-1850 and 1900-1950 (Seminar).

Professor John and Mr. W. M. Stern. Fortnightly, Sessional.

278. The Sources and Historiography of the Economic History of the U.S.A., 1890-1929 (Seminar).

Mr. Potter and Dr. Erickson. Fortnightly, Sessional.

279. Economic Growth Historically Considered (Seminar).

Professor Fisher and Mr. Baines. Fortnightly, Lent and Summer Terms.

Also for students offering this option for M.Sc.—Demography.

280. 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, Sessional.
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*; J. C. Revill, *World History*.

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; F. L. Bennis, *Europe since 1914 in its World Setting* or 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.

289. Europe and the World, 1760–1939.

Dr. Anderson, Mr. Dilks and Dr. Nish. Ten lectures, Lent Term.
Optional for B.Sc. (Econ.) Part I.

290. Political History.

Professor Joll, Dr. Lowe, Miss Lee, Mr. Grün and Dr. Bridge. Thirty lectures, Sessional.
For B.Sc. (Econ.) Part II—*Political History*, I 2a; II 1b; III 2; V 2a; VI 8j; VIII 2; IX 3; XII 3a; XIII 3; XV 3; 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.—Any of the following outline surveys can be chosen: M. Beloff (Ed.), *History, Mankind and His Story*; J. C. Revill, *World History*; G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; H. A. L. Fisher, *History of Europe*; A. J. Grant, *Five Centuries*

International History

of Europe; C. J. H. Hayes and C. W. Cole, *History of Europe*; E. Lipson, *Europe in the Nineteenth Century*; H. G. Nicholas, *American Union*.

This can be followed by the study of a more detailed survey, such as, C. J. H. Hayes, *A Political and Cultural History of Europe* (any edition, preferably that of 1952); A. J. Grant and H. W. V. Temperley, *Europe in the Nineteenth and Twentieth Centuries, 1789–1950* (6th edn. revised by L. M. Penson); J. H. Jackson (Ed.), *A Modern History of Europe*; T. W. Riker, *A Short History of Modern Europe* (1948 edn.); David Thomson, *Europe since Napoleon*; R. F. Leslie, *The Age of Transformation, 1789–1871*; I. Collins, *The Age of Progress: A Survey of European History from 1789–1870*; G. A. Craig, *Europe since 1815*; C. E. Black and E. C. Helmreich, *Twentieth-Century Europe*. For more advanced reading the volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, can be recommended, or the volumes that have so far appeared in "The Fontana History of Europe" namely G. R. Elton, *Reformation Europe 1517–1559*; D. Ogg, *Europe of the Ancien Régime 1715–1783*; G. Rudé, *Revolutionary Europe, 1783–1815*. The following are useful for Non-European developments: S. E. Morison and H. S. Commager, *The Growth of the American Republic*, or A. Nevins, *A Brief History of the United States*; R. Muir, *The Expansion of Europe*; John Pratt, *The Expansion of Europe into the Far East*, or K. S. Latourette, *A Short History of the Far East*.

A historical atlas is necessary, either R. Muir, *Historical Atlas*, or C. G. Robertson and J. G. Bartholomew, *Historical Atlas, 1789–1922*, or W. Shepherd, *Historical Atlas*.

Advice on specialisation in the history of countries, areas and periods, with books and articles for such specialisation, will be given during lectures and classes.

291. International History, 1494–1815.

Dr. 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).

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 ORGANISATION: 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. Forty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Diplomatic Relations of the Great Powers, 1815–1914*, XIV 5 (second year); *International History since 1815*, VI 8b; VII 7 and 8e; XII 4 (second year); B.A. History—optional subject *Diplomatic History 1814–1945* (second year).

Lectures, Classes and Seminars

Recommended reading.—A. J. Grant and H. W. V. Temperley, *Europe in the Nineteenth and Twentieth Centuries*, 1789–1950 (6th edn. revised by L. M. Penson: text-book); R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; W. N. Medlicott, *Modern European History*, 1789–1945, *A Select Bibliography*; R. W. Seton-Watson, *Britain in Europe*, 1789–1914; C. K. Webster, *The Congress of Vienna*; *The Foreign Policy of Castlereagh* (2 vols.); *The Foreign Policy of Palmerston* (2 vols.); H. W. V. Temperley, *The Foreign Policy of Canning*; H. G. Schenk, *The Aftermath of the Napoleonic Wars*; C. W. Crawley, *The Question of Greek Independence*, 1821–1833; H. W. V. Temperley, *England and the Near East* (1808–1854); H. M. Vinacke, *A History of the Far East in Modern Times*; A. J. Whyte, *The Evolution of Modern Italy*; O. Pflanze, *Bismarck and the Development of Germany*; P. de la Gorce, *Napoléon III et sa Politique*; L. P. Wallace, *The Papacy and European Diplomacy*, 1869–1878; B. H. Sumner, *Russia and the Balkans*, 1870–1880; W. N. Medlicott, *The Congress of Berlin and After*; *Bismarck, Gladstone, and the Concert of Europe*; *Bismarck and Modern Germany*; W. L. Langer, *European Alliances and Alignments*; *The Franco-Russian Alliance*, 1890–1894; *The Diplomacy of Imperialism*; P. N. S. Mansergh, *The Coming of the First World War*, 1878–1914; H. C. Allen, *Great Britain and the United States*.
Further books on particular aspects will be recommended during the course.

293. International History since 1914.

Mr. Grün and Mr. Watt. Twenty lectures, Summer Term for second-year students; twenty lectures, Michaelmas Term for third-year students.
For B.Sc. (Econ.) Part II—*International History since 1914*, XIV 6; *International History since 1815*, VI 8b; VII 7 and 8e; XII 4; B.A. History—optional subject *Diplomatic History*, 1814–1945; Michaelmas Term only: M.Sc.—*International Politics*, X 1; *International Politics of an Approved Region*, X 2.

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, 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

International History

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. Africa in International Politics, 1870–1914.

Mr. Dilks. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II—*Africa in International Politics*, 1870–1914, XIV 8d, 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*.

296. The Baltic in International Politics since 1815.

Dr. Hatton. Eight lectures, Lent Term.
For B.Sc. (Econ.) Part II—special subject International History, 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 1870–1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and the approach of World War II.

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*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; H. Friis, *Scandinavia between East and West*; 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.

297. The Maritime Policies of the Great Powers, 1918–1939.

Mr. Watt. Eight lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II—special subject International History; M.A. and M.Sc.—*International History*, 1914–1945; 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 break-down 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 inter-war 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*

Lectures, Classes and Seminars

of *Sea Power*; J. Erickson, *The Soviet High Command*.
A full bibliography will be given out at the first lecture.

298. 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 7 and 8c; XIV 7d (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).

299. 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).

300. 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*, XIV 7c (third year).

Syllabus.—A detailed study of British policy in relation to the organisation 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).

301. The Manchurian Crisis, 1931-1933.

Dr. Nish. Twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*The Manchurian Crisis, 1931-1933*, XII 8f; XIV 7d (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 inter-war 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 Enquiry; Documents on British Foreign Policy*, 2nd Series, Vols. VIII and IX.

302. British-American-Russian Relations, 1815-1914.

Dr. Anderson, Dr. Bourne and Dr. Nish. Twenty-five lectures, Michaelmas and Lent Terms.

International History

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., 1963); S. F. Bemis, *A Diplomatic History of the United States* (4th edn., 1963); R. W. van Alstyne, *American Diplomacy in Action*; E. Hölzle, *Russland und Amerika*; W. A. Williams, *American-Russian Relations, 1781-1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; 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*; H. H. and M. T. Sprout, *The Rise of American Naval Power, 1776-1918*; 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*; 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*.

303. 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 organisation and in the commercial policies of the Great Powers. The growth of international economic organisations, 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. Sventnilson); 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,

Lectures, Classes and Seminars

International Combines in Modern Industry; J. Price, *The International Labour Movement*; J. T. Shotwell (Ed.), *The Origins of the International Labor Organization*; A. Sturmfel, *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*.

304. Political History (Class).

Members of the Department. Fortnightly, Sessional.
For the discussion of historical topics. For the paper in Political History, B.Sc. (Econ.) Part I.

305. Political History (Class).

Members of the Department. Fortnightly, Michaelmas and Lent Terms.
For the discussion of historical topics. For the paper in Political History, B.Sc. (Econ.) Part II (third year). A preliminary meeting will be held in the preceding Summer Term.

306. International History, 1500-1815 (Class).

Dr. Hatton, Dr. Anderson and Dr. Bridge. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II—special subject International History.

307. International History since 1815 (Class).

Miss Lee, Dr. Nish, Dr. Lowe, Mr. Watt and Mr. Grün. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II—special subject International History.

308. International History since 1815 (Class).

Dr. Nish, Dr. Bridge and others. 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).

Dr. Hatton. Fortnightly. At the Institute of Historical Research. Admission by permission of Dr. 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. At the Institute of Historical Research. Admission by permission of Professor Joll.

315. The Diplomatic Background of the Second World War (Seminar).

Professor Joll, Mr. Grün and Mr Watt. Fortnightly, Sessional. Admission by permission of Professor Joll.

316. M.A. and M.Sc. classes and tutorial supervision will be arranged as required for graduate students taking the one-year course in International History.

General and Special Courses for B.A. Honours in History

325. English History before 1461.

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, 1461-1784.

Mrs. Carter. Forty lectures, Michaelmas and Lent Terms.
For B.A. History (first year); B.Sc. (Geog.) new regulations (first or second year).
Recommended reading will be given during the course.

328. English History from 1461 to 1784 (Classes).

Mrs. Carter. Classes and tutorials, Sessional.
For B.A. History.

329. British History in the Nineteenth Century.

Dr. Brown. Twenty lectures, Lent and Summer Terms.
For B.A. History; B.Sc. (Geog.) new regulations (second year).
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 and for students taking History as a subsidiary subject to B.A. (Geog.) or B.Sc. (Geog.).

331. European History, 1200-1500.

Dr. Waley. This course will not be given in the session 1967-68.
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, 1500-1800 (Classes).

This course will not be given in the session 1967-68; it will be given in the session 1968-69.

334. European History since 1800 (Classes).

Sessional.
For B.A. History.

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 (third year).

Lectures, Classes and Seminars

337. English Constitutional History from c. 1530 to 1914.

Dr. Brown. Fortnightly, Sessional, on English Constitutional History from the mid-eighteenth century to 1914. The first part of the course will be given by Mrs. Carter in the session 1968-69.

338. English Economic History (Classes).

Dr. Bridbury and others. Sessional.

For B.A. History with optional subject English Economic History.

339. Diplomatic History, 1814-1945 (Classes).

For B.A. History with optional subject Diplomatic History, 1814-1945.

340. The Economy of England in the Fifteenth Century (Intercollegiate Classes).

Miss Coleman and Dr. Bridbury. Michaelmas and Lent Terms. At L.S.E. Mr. Hodgett. Summer 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).

Michaelmas and Lent Terms. At Westfield College. Dr. Waley. Summer Term. At L.S.E.

For B.A. History, special subject Florence during the Renaissance, 1464-1512.

342. The Eastern Question, 1875-1881 (Intercollegiate Seminar).

Dr. Bourne and Mr. V. J. Parry (School of Oriental and African Studies).

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. 562.—Three Key Mediaeval Political Thinkers.

No. 563.—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.

Syllabus.—Analysis of the structure of the British system of industrial relations. The growth, organisation 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*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders and H. A. Clegg, *The British System of Industrial Relations*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; Royal Commission on Trade Unions and Employers' Associations, written evidence of the Ministry of Labour; Royal Commission on Trade Unions, written evidence of the Confederation of British Industry; 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*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; Eric Wigham, *What's Wrong with the Unions?*; J. Dunlop, *Industrial Relations Systems*; W. Milne-Bailey, *Trade Unions and the State*; 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*; G. Cyriax and R. Oakeshott, *The Bargainers*; 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 Council*.

348(a). Industrial Relations (Class).

Sessional.

For the Trade Union Studies course.

348(b). Industrial Relations (Class).

Professor Roberts. Sessional.

For M.Sc. students.

See also Course No. 85.

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*; 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,

Lectures, Classes and Seminars

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. 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 organisation, 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 Co-operation 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 Problems and Perspectives*; *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*.

351. Industrial Sociology.

Mr. Thurley. Twenty-five lectures, Sessional.

For graduate students; Dip. Personnel Management; Trade Union Studies course.

Syllabus.—An introduction to the sociology of work behaviour. Formal and informal work organisation. 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 organisation. Industrial relations, collective bargaining and organisational conflict. Relationship between technology, role systems and work behaviour. Social and cultural factors affecting industrialisation, innovation and the speed of technical change. Analysis of personnel management policy and practice (selection, promotion, training, payment, consultation, work organisation) in terms of these concepts.

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*; 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*; S. Pollack, *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*

Industrial Relations

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*.

351(a). Industrial Sociology (Class).

352. Theories in Industrial Relations.

Mr. R. J. Loveridge. Six lectures, Summer Term.

Syllabus.—The course will cover the theories of the Webbs, Hoxie, Perlman, Tannenbaum, Dunlop, Kerr, Lester, Flanders, etc.

Recommended reading.—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: Prescription for Change*; H. Behrend, “The Field of Industrial Relations” (*British Journal of Industrial Relations*, Vol. I, No. 3, October 1963).

353. Trade Union Problems (Seminar).

Professor Roberts and guest speakers. Lent and Summer Terms.

Admission is strictly limited to the Trade Union Studies course.

354. Industrial Relations (Seminar).

Professor Roberts, Miss Seear and Mr. Thurley. Lent Term.

For Dip. Personnel Management; Trade Union Studies course.

355. Problems in Industrial Relations (Seminar).

Professor Roberts, Miss Seear and Mr. Thurley together with visiting speakers. Summer Term. To discuss current issues and research in the field of industrial relations. Open to graduate students. Permission to attend should be obtained from Professor Roberts.

935. Labour Statistics.

Mr. Crossley. Eight lectures, Lent Term.

For Dip. Personnel Management; M.Sc.—*Labour Statistics and Research Methods*, VII 2 (vi); 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. 23.—**Labour: Organisation and Relations.**

No. 85.—**Labour Problems.—Seminar.**

No. 55.—**Labour Economics.**

No. 438.—**Law of Labour and of Social Insurance.**

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 Organisation 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 33, 52-54

International History: Courses 288-316

International Law: Course 420
and, particularly,

International Relations: Courses 510-550

International Studies

Most of the subjects in which instruction is given in the School of International Studies are designed to provide the student with a broad background in the study of international affairs. The student will find among the subjects listed under the heading of Anthropology, Geography, History, and Political Science, many that will be of interest to him. There should, however, be some special attention given to the study of international law and the study of international relations.

International Studies
International History
International Law
International Relations
International Trade

Language Studies

Language Studies
English
French
German
Italian
Japanese
Korean
Latin
Portuguese
Russian
Spanish
Swedish
Turkish
Vietnamese

	Pages
Linguistics (General)	357
French	357-8
German	359-60
Italian	360
Russian	360-1
Spanish	358-9
English	361-2

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 Clement's 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 in Part I of the B.Sc. (Econ.), wish to continue with it in Part II, should consult their supervisor in the language concerned.

360. Introduction to General Linguistics.

Dr. Denison. Twenty-five lectures, Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year).

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 judgements.

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*.

361. Introduction to General Linguistics (Class).

Miss Aitchison. Fortnightly, Sessional.

For B.A. French/Ling. (first year).

362. Introduction to General Phonetics.

Miss Aitchison and Dr. Denison. Fifteen lectures, Michaelmas and Lent Terms.

For B.A. French/Ling.; B.A. French/Spanish (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*.

362(a). Introduction to General Phonetics (Class).

Members of the Department. Fortnightly, Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year).

Reference should also be made to Course No. 714. **Language and Society (Seminar).**

Mr. Hotopf, Dr. Denison and Professor Freedman. Summer Term. Admission will be by permission of the teachers concerned.

FRENCH

363. The History of the French Language, I.

Dr. George. Twenty-five lectures, Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year).

Syllabus.—Old French and its place amongst the neo-Latin languages.

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.).

Lectures, Classes and Seminars

364. Nineteenth and Twentieth Century French Literature, I.

Mrs. Scott-James. Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year).

365. France since 1944 (Seminar).

Dr. Tint. Lent Term.

For M.Sc.; B.A. French/Ling.; B.A. French/Spanish (first year); and other students by permission of Dr. Tint.

366. French Translation I (Class).

Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year); B.Sc. (Econ.) Part I—alternative subject 11, *An Approved Modern Foreign Language—French*.

367. French Contemporary Texts and Discussion (Class).

Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year); B.Sc. (Econ.) Part I—alternative subject 11, *An Approved Modern Foreign Language—French*.

368. French Political and Social Texts, from 1815 (Class).

Dr. Tint. 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 (second and third years).

369. French Translation II (Class).

Fortnightly, 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 (second and third years).

370. French Essay (Class).

Fortnightly, Sessional.

For B.A. French/Ling.; B.A. French/Spanish (first year); 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 (second and third years).

371. 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

372. The History of the Spanish Language, I.

Mr. Gooch. Sessional.

For B.A. French/Spanish (first year).

Syllabus.—A linguistic study of selected early texts (to be specified).

373. Spanish Translation I (Class).

Mr. Gooch. Sessional.

For B.A. French/Spanish (first year); B.Sc. (Econ.) Part I—alternative subject 11, *An Approved Modern Foreign Language—Spanish*.

Language Studies

374. Spanish Contemporary Texts and Discussion (Class).

Mr. Gooch. Sessional.

For B.A. French/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. Eguíagaray, *Historia Contemporánea de España*.

375. Spanish Essay (Class).

Mr. Gooch. Fortnightly, Sessional.

For B.A. French/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 (second and third years).

376. Spanish Translation II (Class).

Mr. Gooch. Fortnightly, 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 (second and third years).

377. Selected Nineteenth and Twentieth Century Spanish Authors.

Mr. Gooch. Sessional.

For B.A. French/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 (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

378. German Translation I (Class).

Weekly, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 11 *An Approved Modern Foreign Language—German*.

379. German Contemporary Texts and Discussion (Class).

Weekly, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 11 *An Approved Modern Foreign Language—German*.

Recommended reading.—There are no prescribed texts, but students will find the following books helpful: R. Dahrendorff, *Gesellschaft und Demokratie in Deutschland*; H. Kohn, *The Mind of Germany*.

380. German Translation II (Class).

Fortnightly, 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 (second and third years).

Lectures, Classes and Seminars

381. German Essay (Class).

Fortnightly, 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 (second and third years).

382. Selected Nineteenth and Twentieth Century German Authors.

Weekly, 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 (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

383. Italian Translation I (Class).

Weekly, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 11 *An Approved Modern Foreign Language—Italian*.

384. Italian Contemporary Texts and Discussion (Class).

Weekly, 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*.

385. Italian Translation II (Class).

Fortnightly, 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 (second and third years).

386. Italian Essay (Class).

Fortnightly, 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 (second and third years).

387. Selected Nineteenth and Twentieth Century Italian Authors.

Weekly, 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 (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

388. Russian Translation I (Class).

Weekly, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 11 *An Approved Modern Foreign Language—Russian*.

Language Studies

389. Russian Contemporary Texts and Discussion (Class).

Weekly, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 11 *An Approved Modern Foreign Language—Russian*.

Recommended 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*; V. Panova, *Sputniki*; B. Balter, *Do svidaniya, malchiki*; M. Slonim, *An Outline of Russian Literature, Vols. I and II*; *Soviet Short Stories* (Penguin).

390. Russian Translation II (Class).

Fortnightly, 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 (second and third years).

391. Russian Essay (Class).

Fortnightly, 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 (second and third years).

392. Selected Nineteenth and Twentieth Century Russian Authors.

Weekly, 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 (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

393. 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*.

393(a). English as a Foreign Language (Class).

Mr. Chapman. Classes will be held in connection with the above course for the discussion of written work and problems of contemporary usage. Admission will be by permission of Mr. Chapman, on the recommendation of a student's tutor or supervisor.

Lectures, Classes and Seminars

394. 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*.

395. 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*.

396. 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

400. 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, organisation, 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) *Alternative methods of settling disputes*: arbitration; administrative tribunals; control of the administration by the courts.
- (h) *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*.

Students should consult the latest editions of these books.

Note: Students are also required to attend course No. 10. Topics in Applied Economics.

401. Public Law I—Elements of Government.

Professor Griffith and Mr. Thornberry. Twenty-four lectures, Sessional.

For LL.B. Intermediate. First sixteen lectures also for B.Sc. (Soc.) Branch III, 2 (first year); 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.

Lectures, Classes and Seminars

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.

402. Law of Contract I.

Professor Grunfeld. Twenty-five lectures, Sessional.
For LL.B. Intermediate.

Syllabus.—Functions of contract. Background and modern problems of the English Law. Formation of valid contracts; intention to create legal relations; offer and acceptance; certainty; consideration; capacity; form.

Content: terms of the contract; interpretation of terms; express and implied terms; legal basis of standard contracts; judicial and legislative control of contract; oral, written and collateral contracts.

Misrepresentation; mistake; duress and undue influence.

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*.

FURTHER READING: P. S. Atiyah, *An Introduction to the Law of Contract*; W. R. Anson, *Principles of the English Law of Contract* (Ed. A. G. Guest); 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*; F. Pollock, *Principles of Contract* (Ed. P. H. Winfield); W. G. Friedmann, *Law in a Changing Society* (chap. 4); C. H. S. Fifoot, *History and Sources of Common Law*; L. C. B. Gower, *Law of Business in Law and Opinion in England in the 20th Century* (Ed. Ginsberg); A. Diamond and G. Borrie, *The Consumer, Society and the Law*.

Students should consult the latest editions of these books.

403. Law of Tort I.

Mr. Dworkin, Mr. Dean and Mr. Roberts. Twenty-nine lectures, Michaelmas and Lent Term.
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.

Law

(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, *Text-book 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.

404. Law of Real and Personal Property I.

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.

Lectures, Classes and Seminars

405. Criminal Law.

Mr. Hall Williams, Mr. D. A. Thomas, Dr. Leigh and Mr. Downey, Sessional.
For LL.B. Part I (new regulations).

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*; S. Glueck, *Law and Psychiatry*; 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).

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.

406. 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, *The Morality of the Criminal Law*; 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.

407. Law of Tort.

Mr. Dean and Mr. Roberts. Twenty-five lectures (evening), Sessional.
For LL.B. Part I.

Syllabus.—Nature of tort. General principles of liability. Negligence. Liability for dangerous chattels and premises. Causing death, trespass to the person, assault and battery, false imprisonment and intentional physical harm. Defamation, slander of title and malicious words. Trespass

Law

to land and recovery of possession. Nuisance, excluding injury to servitudes. Trespass to goods, detinue and conversion. The rule in *Rylands v. Fletcher*. Liability for animals. Liability under statutory powers and duties. Inducement of breach of contract, intimidation and conspiracy. General defences, including remoteness of damage. Vicarious responsibility. Effect of death. Remedies.

Recommended reading.—TEXTBOOKS: J. W. Salmond, *The Law of Torts* (13th edn.); H. Street, *The Law of Torts* (3rd edn.); P. H. Winfield, *Text-book on the Law of Tort* (7th edn.); J. G. Fleming, *Introduction to the Law of Torts*.

FURTHER READING: C. A. Wright, *Cases on the Law of Torts* (2nd edn.); J. F. Clerk and W. H. B. Lindsay, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts* (2nd edn.).

408. Law of Contract and Tort.

Mr. Dworkin, Mr. Dean, Professor Grunfeld and Professor Wedderburn. Sessional.
For LL.B. Part I (new regulations).

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 relation; "status" and "contract"; the relationship with "quasi-contract" or "restitution"; the impact of insurance. See *Tort IV (d)*.

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 402 and 403 above.

Note: Although the teaching of Contract and Tort is combined for Part I, there will be a separate examination paper in each subject.

409. Law of Trusts.

Mr. F. M. Evans. Twenty-five lectures (evening). Sessional.
For LL.B. Part I.

Syllabus.—The general nature of equitable principles and remedies. The doctrines of conversion

Lectures, Classes and Seminars

and reconversion, election, satisfaction, performance and ademption; legal and equitable assignments and priorities.

The general principles of the Law of Trusts, including implied, resulting and constructive trusts, and charitable trusts.

Powers and duties of trustees. The administration of a trust. Breach of trust and remedies therefor.

Recommended reading.—TEXTBOOKS: G. W. Keeton, *An Introduction to Equity*; G. W. Keeton, *The Law of Trusts*; R. E. Megarry and P. V. Baker, *Snell's Principles of Equity*; J. A. Nathan, *Equity through the Cases* (Ed. O. R. Marshall); P. H. Pettit, *Equity and the Law of Trusts*; D. B. Parker and A. R. Mellows, *The Modern Law of Trusts*.

FURTHER READING: H. G. Hanbury, *Modern Equity*; H. G. Hanbury, *Essays in Equity*; W. Ashburner, *Principles of Equity*; F. W. Maitland, *Equity*; F. T. White and O. D. Tudor (Eds.), *Leading Cases in Equity* (2 Vols.); G. W. Keeton, *Social Change in the Law of Trusts*; D. W. M. Waters, *The Constructive Trust*; G. W. Keeton, *Cases on Equity and Trusts*.

Students should consult the latest editions of these books.

410. Law of Real and Personal Property II.

Mr. Cornish, Mr. Dworkin and Dr. Valentine. Sessional.

For LL.B. Part I (new regulations).

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*; Stuart-Brown, *Introduction to the Law of Town and Country Planning*; 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.

411. Public Law II.

Mr. McAuslan, Mr. Thornberry and Dr. Leigh. Sessional.

For LL.B. Part I (new regulations).

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 Public Law I, with the addition of the following for FURTHER

Law

READING AND REFERENCE: J. D. B. Mitchell, *Constitutional Law*; H. Street, *Freedom, the Individual and the Law*; D. Williams, *Not in the Public Interest*; S. A. de Smith, *Judicial Review of Administrative Action*; *The New Commonwealth and its Constitutions* (chap. I); H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. N. 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.

412. Law and Social Policy.

Various lecturers. Sessional. Arranged by Professor Grunfeld.

For LL.B. Part I (new regulations).

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.

413. Jurisprudence and Legal Theory.

Mr. Jacobs and Mr. J. W. Harris. Fifty lectures (day). Mr. Irvine. Twenty-five lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Part II.

Syllabus.—Theories of the nature and basis of law; the law of nature and natural rights; law and ethics; law and fact; sovereignty and the imperative theory; individual and social utilitarianism; legal positivism; analytical theory and the pure theory of law; the historical schools and customary law; sociological theories and theories of interests; economic interpretations and Marxist theory; legal realism, American and Scandinavian.

Critical study of the English rules of custom, precedent and the interpretation of statutes. The judicial process and the theory of precedent and of the *ratio decidendi*. Comparison of common law and civil law approaches. Codification and its effects. Analysis, evaluation and judicial treatment of the concepts of legal personality, rights and duties. The impact of legal theory upon the foregoing.

Recommended reading.—BASIC TEXTBOOKS: D. Lloyd, *Introduction to Jurisprudence* (2nd edn., 1965); C. K. Allen, *Law in the Making* (7th edn., 1964).

MAIN SOURCES: St. Thomas Aquinas, *Summa Theologica*; T. Hobbes, *Leviathan*; J. Locke, *The Second Treatise on Civil Government*; J. J. Rousseau, *The Social Contract*; J. Bentham, *A Fragment on Government*; *An Introduction to the Principles of Morals and Legislation*; *The Limits of Jurisprudence Defined*; J. Austin, *The Province of Jurisprudence Determined*; J. C. Gray, *The Nature and Sources of the Law*; H. Kelsen, *General Theory of Law and State*; H. L. A. Hart, *The Concept of Law*; E. Ehrlich, *Fundamental Principles of the Sociology of Law*; V. I. Lenin, *The State and Revolution*; J. N. Frank, *Law and the Modern Mind*; K. Olivecrona, *Law as Fact*; A. Ross, *On Law and Justice*; W. N. Hohfeld, *Fundamental Legal Conceptions*; B. N. Cardozo, *The Nature of the Judicial Process*.

ANTHOLOGIES: J. Hall (Ed.), *Readings in Jurisprudence*; M. R. Cohen and F. S. Cohen (Eds.), *Readings in Jurisprudence and Legal Philosophy*.

Lectures, Classes and Seminars

COMMENTARIES: J. Stone, *The Province and Function of Law*; W. G. Friedmann, *Legal Theory* (4th edn.).

MISCELLANEOUS: Passerin D'Entrèves, *Natural Law*; H. Kelsen, *What is Justice?*; Lord Radcliffe, *The Law and its Compass*; R. Cross, *Precedent in English Law*; W. G. Friedmann, *Law and Social Change in Contemporary Britain* (2nd edn.); A. G. Guest (Ed.), *Oxford Essays in Jurisprudence*.

414. Jurisprudence

Sessional. This course will not be given in the session 1967-1968.

For LL.B. Part II (new regulations).

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 to be selected from year to year.

Recommended reading will be given during the course.

415. Principles of the Law of Evidence.

Mr. Dean and Mr. D. A. Thomas. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus—Nature and classification of judicial evidence. Basic principles of evidence. Development of rules of evidence. Oral evidence—scope; oaths and their substitutes; examination in court and elsewhere. Real evidence—scope; inspection out of court. Other means of establishing facts.

Admissibility of evidence: its relation to relevance; relevant facts. Functions of judge and jury. Burden of proof—meaning and incidence; standards of proof. Presumptions—nature, classification and effect. Estoppel. Attendance of witnesses. Cogency. Corroboration. Competence and compellability.

Privilege. Character and convictions. Similar facts. Opinion. Hearsay and its exceptions. *Res gestae*.

Documentary evidence—nature of public, judicial and private documents; proof of contents of public and judicial documents. Production and proof of private documents; primary and secondary evidence; extrinsic evidence; stamping.

Recommended reading.—TEXTBOOKS: R. Cross, *Evidence* (2nd edn.); G. D. Nokes, *An Introduction to Evidence* (3rd edn.); E. Cockle, *Cases and Statutes on Evidence* (10th edn.).

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 on the Anglo-American System of Evidence*.

416. Law of Evidence.

Sessional. This course will not be given in the session 1967-68.

For LL.B. Part II (new regulations).

Law

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.

Items (ii), (iii) and (iv) may be considered after Part 6.

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 Judge's Rules; illegally obtained evidence; (iv) identification evidence.

8. Facts which need not be proved: (i) judicial motive; (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 AND REFERENCE BOOKS: see course No. 415. **Principles of the Law of Evidence**, (old regulations).

Students should consult the latest editions of these books.

417. English Administrative Law.

Professor Griffith and Mr. McAuslan. Twenty-five lectures of one-and-a-half hours, Sessional. For LL.B. Part II.

Syllabus.—The nature of administrative law.

The legislative, executive and judicial powers of the Administration. Bills and subordinate legislation. Judicial functions of Ministers and administrative tribunals.

The control of the powers of the Administration. The scope and nature of Parliamentary and judicial control. Public opinion. Consultation. Advisory committees.

The structure of the central government. The principles of Crown liability.

The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relation to Ministers and to Parliament. Powers, duties, liabilities and privileges. Consumer bodies.

Recommended reading.—TEXTBOOKS: J. A. G. Griffith and H. Street, *Principles of Administrative Law* (4th edn. 1967); J. A. G. Griffith and H. Street, *A Casebook of Administrative Law* (1964); W. I. Jennings, *Principles of Local Government Law* (4th edn. 1960).

GENERAL READING: H. W. R. Wade, *Administrative Law*; W. A. Robson, *Justice and Administrative Law* (3rd edn. 1951); *Nationalized Industry and Public Ownership*; S. A. de Smith, *Judicial Review of Administrative Action*; C. T. Carr, *Concerning English Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law* (1963); J. F. Garner, *Administrative Law* (1963); G. L. Williams, *Crown Proceedings*; C. K. Allen, *Law and Orders* (3rd edn. 1965); W. O. Hart, *Introduction to the Law of Local Government and Administration* (7th edn. 1962); C. A. Cross,

Lectures, Classes and Seminars

Principles of Local Government Law (2nd edn. 1962); H. S. Morrison, *Government and Parliament*; R. M. Jackson, *The Machinery of Local Government*; H. Street, *Government Liability*; I. Zamir, *The Declaratory Judgment*; J. D. B. Mitchell, *The Contracts of Public Authorities*; C. J. Hamson, *Executive Discretion and Judicial Control*; D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.); A. Rubinstein, *Jurisdiction and Illegality*.

GOVERNMENT PUBLICATIONS: *Reports of Select Committee on Nationalised Industries*; *Report of the Committee on Administrative Tribunals and Enquiries* (Cmnd. 218, 1957).

PERIODICALS: That particularly concerned with administrative law is *Public Law*. Articles on the subject also appear in *The Modern Law Review*, *The Law Quarterly Review*, and *The Cambridge Law Journal*.

418. History of English Law.

Professor Milsom. Twenty-five lectures, Sessional.
For LL.B. Part II.

Syllabus.—The principal sources of legal history and their significance (Glanvil, Bracton, Fortescue, Blackstone, records, year books, abridgements, reports). Legal institutions (communal, seignorial, mercantile and royal courts; courts of prerogative and equity). Factors in the development of English Law (legislation, precedent, the renaissance, the influence of great judges, e.g., Coke, Nottingham, Holt, Mansfield). Procedure (forms of action, modes of trial, history of the jury). Real property (feudalism, tenures, estates, seisin, uses, trusts, future interests, conveyances). Personal property (ownership, possession, bailment, sale). Contract (real, formal and consensual contracts, consideration). Tort (relation to crime, trespass, conversion, deceit, defamation). The general history of the principles of Equity.

Recommended reading.—T. F. T. Plucknett, *Concise History of the Common Law* (5th edn.); *Legislation of Edward I*; *Early English Legal Literature*; C. H. S. Fifoot, *History and Sources of the Common Law*. Students will be expected to refer on special points to F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I* (2nd edn.), and to W. S. Holdsworth, *History of English Law*, as well as to contemporary works, statutes and decisions. As a guide to these sources they should use P. H. Winfield's *Chief Sources of English Legal History*. Other books on special points will be referred to during the lectures.

419. History of English Law.

Sessional. This course will not be given in the session 1967–1968.
For LL.B. Part II (new regulations).

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.

420. Public International Law.

Mr. Thornberry. Forty lectures, Michaelmas and Lent Terms (day). Professor D. H. N. Johnson. Twenty-five lectures, Sessional (evening).

For LL.B. Part II; B.Sc. (Econ.) Part I—alternative subject 14 *International Law*; B.Sc. (Econ.) Part II—*International Law*, XII 3b or 8e; XIV 3c (third year); M.Sc.—*International Politics*, X 1.

Syllabus.—Foundations of International Law: historical, sociological and ethical background;

Law

characteristics; law-creating processes and law-determining agencies; fundamental principles of International Law; optional principles and standards; International Law and Municipal Law. International Personality: subjects of International Law; sovereignty and state equality; recognition; representation; continuity of international persons.

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; business enterprises; ships; aircraft.

International Transactions: treaties and other international engagements. Responsibility for the Breach of International Obligations.

International Order and Organisation: International Law and the regulation of the use of force; the pacific settlement of international disputes; the legal organisation of international society.

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 Public International Law*; D. P. O'Connell, *International Law* (2 Vols.); L. F. L. Oppenheim, *International Law*, Vol. I (8th edn.), Vol. II (7th edn.), H. Lauterpacht (Ed.); G. Schwarzenberger, *International Law*, Vol. I, *International Law as Applied by International Courts and Tribunals*.

CASEBOOKS: 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. Ro, *International Law Cases and Materials* (revised edn.).

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*.

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*, *Academie de Droit International à la Haye*; *The Year Book of World Affairs*.

421. International Law.

Sessional. This course will not be given in the session 1967–68.

For LL.B. Part II (new regulations).

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 Organisation: Pacific settlement of international disputes; legal and illegal uses of force; regulation of armed conflicts; war and neutrality; legal organisation of international society; patterns for the development of International Law.

Recommended reading.—PRELIMINARY READING: J. L. Brierly, *The Law of Nations* (6th edn. by

Lectures, Classes and Seminars

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.), H. Lauterpacht (Ed.); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals*.

CASE-BOOKS: 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. Ro, *International Law Cases and Materials* (revised edn.).

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*.

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, Academie de Droit International de la Haye*; *The Year Book of World Affairs*.

422. Conflict of Laws.

Mr. Lazar and Dr. Mann. Thirty-five lectures, Sessional.

For LL.B. Part II.

Syllabus.—Part I: Fundamental conceptions. (1) The nature and theories of the conflict of laws. (2) Classification and *renvoi*. (3) Public policy. (4) Domicile and status of individuals. Part II: Choice of Law. (1) Husband and wife. Validity of marriage. Nullity. Divorce. Matrimonial jurisdiction of English courts. Recognition of foreign decrees. Mutual rights of husband and wife. (2) Parent and child. Legitimacy. Legitimation. Adoption. Guardianship. Lunacy. (3) Corporations. (4) Contracts. The proper law doctrine. Formal and essential validity, interpretation, effects and discharge of contracts. (5) Torts. (6) Property, movable and immovable, tangible and intangible. Particular assignments of property. Effect of marriage on property. (7) 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. (1) Jurisdiction of English courts. (2) Recognition and enforcement of foreign judgments. Part IV: Procedure and Proof of Foreign Law.

Recommended reading.—G. C. Cheshire, *Private International Law* (7th edn.); R. H. Graveson, *Conflict of Laws* (5th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.), or P. R. H. Webb and D. J. L. Brown, *A Casebook on the Conflict of Laws*.

FOR PRELIMINARY READING: J. A. C. Thomas, *Private International Law*.

FOR REFERENCE: A. V. Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.).

PERIODICALS: Articles on this subject in *The British Year Book of International Law*; *The Law Quarterly Review*; *The International and Comparative Law Quarterly*; and *The Modern Law Review*.

423. Conflict of Laws.

Sessional. This course will not be given in the session 1967-68.

For LL.B. Part II (new regulations).

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.

Law

(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.

Students are recommended to attend Course No. 441. Introduction to Comparative Law.

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, *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*.

424. Succession, Testate and Intestate.

Dr. Stone and Mr. Whiteman. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus.—Intestate Succession: outline of the history of the rules of inheritance and succession on intestacy; modern rules of succession; family provision; wills: outline of the history of wills and powers of testamentary disposition; nature of wills and codicils; capacity to make wills; making and revocation of Wills; appointment of executors; probate (in outline only); construction of wills.

Devolution of Property on Executors and Administrators: rules as to grant of administration (in outline only); powers of personal representatives. Administration of assets of solvent and insolvent estates.

Note: While candidates must show acquaintance with such practical matters as the making of wills, the elements of probate practice and of the practice governing the grant of letters of administration, emphasis will be laid, in the examination, on the general principles of law governing the subject.

Recommended reading.—

The latest editions of all books should be used.

TEXTBOOKS: D. Hughes Parry, *The Law of Succession*; S. J. Bailey, *The Law of Wills*; F. V. Hawkins and E. C. Ryder, *The Construction of Wills*.

FOR REFERENCE: T. Jarman, *A Treatise on Wills*; E. V. Williams, *A Treatise on the Law of Executors and Administrators*; H. S. Theobald, *The Law of Wills*.

425. The Administration of Estates and Trusts.

Sessional. This course will not be given in the session 1967-68.

For LL.B. Part II (new regulations).

Lectures, Classes and Seminars

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* (except chaps. 2 and 3); 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); B. Pinson, *Revenue Law* (Introduction, chaps. 5, 8, 9, 10, 17–32) 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, chaps. 1, 5, 8, 9, 11 and 17).

Students should consult the latest editions of these books.

426. Mercantile Law—Agency and Sales and Other Dispositions of Goods.

Mr. Downey. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus.—(a) *Agency*. The nature and creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and Agent *vis-à-vis* third parties; passing of property by Agents and the Factors Act, 1889. Rights and duties of Principal and Agent *inter se*. Agent's lien. Agent's commission. Termination of Agency. The Agency of married women.

(b) *Sales and Other Dispositions of Goods*. Nature of goods, property possession and delivery. Special rules relating to the Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales. Gifts *inter vivos* and *donationes mortis causa*. Bills of Sale. Bailments. Hire Purchase Agreements. Pledges. Effect of bankruptcy and liquidation. Doctrine of relation back and reputed ownership.

Recommended reading.—(a) Preliminary Reading: Chapters on Agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*. Main Textbooks: R. Powell, *The Law of Agency*; G. H. L. Fridman, *Law of Agency*; S. J. Stoljar, *The Law of Agency*. For reference: W. Bowstead, *The Law of Agency*.

(b) Preliminary Reading: 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*. Main Textbooks: C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export Publication); P. S. Atiyah, *The Sale of Goods*; J. C. Vaines, *Personal Property*. For reference: M. D. E. S. Chalmers, *Sale of Goods Act, 1893*; C. M. Schmitthoff, *The Export Trade*; G. W. Paton, *Bailment in the Common Law*; Final Report of the Committee on Consumer Protection, 1962 (Cmd. 1781), Parts I and IV. Students should pay particular attention to articles appearing in the legal periodicals especially *The Law Quarterly Review* and *The Modern Law Review*, and should take care to consult the latest editions of recommended textbooks.

Note: Candidates will be supplied in the examination room with Queen's Printer 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, 1938, 1954 and 1964.

427. Mercantile Law—Agency and Sales and Other Dispositions of Goods.

Sessional. This course will not be given in the session 1967–68.

For LL.B. Part II (new regulations).

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

Law

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 (Cmd. 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.

428. Industrial Law.

Professor Grunfeld, Professor Wedderburn, Mrs. Aikin and Mrs. Reid. Twenty-five lectures (day). Mr. Cornish. Twenty lectures of one-and-a-half hours (evening), Michaelmas and Lent Terms. For LL.B. Part II and M.Sc.—Industrial Relations.

Syllabus.—The scope and sources of Industrial Law (Labour Law). The contract of employment, its formation and its effect. Freedom of contract and its restrictions. Contractual obligations of employer and employee. Express and implied terms. The importance of custom. Enforcement of the contract. The Employers and Workmen Act, 1875. Contracts of Employment Act, 1963. Termination of the contract. Redundancy Payments Act, 1965. Covenants in restraint of trade. The meaning of the term "servant" at common law and of the term "workman" under statutes. The master's responsibility for the safety of his servant. Negligence and breach of statutory duty. Collective agreements and their legal framework. The Terms and Conditions of Employment Act, 1959.

Fair Wages Clauses.

Legislation providing for minimum remuneration and for holidays with pay.

Methods to secure the proper payment of wages.

Legislation referring to employment of children, young persons and women. Hours of work.

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.

Combined action by workmen and employers. Freedom to organise. The legal status of trade unions at common law and under statutes. The Trade Union Acts, 1871, 1876 and 1913. The relationship between a trade union and its members. The law governing the organisation and registration of trade unions and the administration of their funds, including the political fund. The doctrine of restraint of trade and its effect on trade union law.

The legal aspect of trade disputes. Freedom of strike and lock-out. Criminal conspiracy at common law and under the Conspiracy and Protection of Property Act, 1875. Criminal liability for acts done in the course of a trade dispute, with special reference to picketing. Civil liability for strikes and lock-outs, and for acts done in the course of a trade dispute. Civil conspiracy,

Lectures, Classes and Seminars

inducing a breach of contract and intimidation, at common law and under the Trade Disputes Acts, 1906 and 1965.

Conciliation, arbitration and inquiry. The Conciliation Act, 1896, and the Industrial Courts Act, 1919. Voluntary and statutory machinery. Whitley Councils. The Industrial Court. The powers and functions of the Minister of Labour in relation to trade disputes.

The influence of the International Labour Office on the development of British Labour Law. Outline of law relating to sickness, unemployment and industrial injuries and disablement benefit.

Recommended reading.—See the bibliography of Course No. 433. Law students should particularly use the following works: K. W. Wedderburn, *The Worker and the Law; Cases and Materials on Labour Law*; U.K. Ministry of Labour, *Evidence to Royal Commission on Trade Unions*, 1965; C. Grunfeld, *Modern Trade Union Law*; W. Mansfield Cooper and J. Wood, *Outlines of Industrial Law*; U.K. Ministry of Labour, 1961, *Industrial Relations Handbook*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; 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*; G. H. L. Fridman, *Modern Law of Employment*; D. C. L. Potter and D. H. Stansfield, *National Insurance*; D. C. L. Potter and D. H. Stansfield, *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*.

Students should always use the latest editions of the above books.

429. Labour Law.

Sessional. This course will not be given in the session 1967-68.
For LL.B. Part II (new regulations).

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.

Law

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. Ministry of Labour, *Industrial Relations Handbook*, 1961; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; 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*; M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration*; 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.

430. Law of Domestic Relations.

Dr. Stone, Mrs. Aikin and Mr. Roberts. Forty lectures, Michaelmas and Lent Terms.
For LL.B. Part II.

Syllabus.—(a) MARRIAGE. Requirements of a valid marriage. Form of marriage (in outline only). Capacity and consent of parties and third persons; consanguinity and affinity. Grounds for nullity. The distinction between void and voidable marriages.

Grounds for divorce. Defences, including absolute and discretionary bars. Grounds for judicial separation; separation by agreement.

(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.

Candidates will not be required to display any knowledge of the rules of conflict of laws or 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; J. S. Mill, *The Subjection of Women*; Report of the Royal Commission on Marriage and Divorce (Morton Commission), 1956, Cmd. 9678.

TEXTBOOKS: P. M. Bromley, *Family Law*; D. Tolstoy, *The Law and Practice of Divorce*; J. Jackson, *The Law Relating to the Formation and Annulment of Marriage*; either L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Courts* or L. M. Pugh,

Lectures, Classes and Seminars

Matrimonial Proceedings before Magistrates; W. Clarke Hall and A. C. L. Morrison, *Law Relating to Children and Young Persons*.

Students should also read articles in *The Modern Law Review* and *The Law Quarterly Review* on recent statutes and court decisions.

REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court of Justice and on Appeal Therefrom*; J. Biggs, *The Concept of Matrimonial Cruelty*; *Report of the Committee on the Care of Children* (Curtis Committee), Cmd. 6922.

431. Law of Domestic Relations.

Sessional. This course will not be given in the session 1967-68.

For LL.B. Part II (new regulations).

Syllabus.—(a) MARRIAGE. Requirements of a valid marriage. Form of marriage (in outline only). Capacity and consent of parties and third persons; consanguinity and affinity. Grounds for nullity. The distinction between void and voidable 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* (Cmd. 3123).

TEXTBOOKS: P. M. Bromley, *Family Law*; D. Tolstoy, *The Law and Practice of Divorce*; J. Jackson, *The Law Relating to the Formation and Annulment of Marriage*; either L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Court*; or L. M. Pugh, *Matrimonial Proceedings before Magistrates*; W. Clarke Hall and A. C. L. Morrison, *Law Relating to Children and Young Persons*.

Students should also read articles on recent statutes and court decisions in *The Modern Law Review*, *The Law Quarterly Review* and *The Conveyancer*.

REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court and on Appeal Therefrom*; J. Biggs, *The Concept of Matrimonial Cruelty*; *Report of the Committee on the Care of Children* (Curtis Committee) (Cmd. 6922).

432. The Law of Business Associations.

Sessional. This course will not be given in the session 1967-68.

For LL.B. Part II (new regulations).

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.

Law

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 and K. W. Wedderburn, *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.

COURSES INTENDED PRIMARILY FOR B.Sc. (ECON.) STUDENTS

433. 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 organisation 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.

434. Elements of Commercial Law A—Contract.

Mr. J. W. Harris. Ten lectures, Michaelmas Term, twice weekly in the first five weeks.

For B.Sc. (Econ.) Part II—*Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 6; *Labour, including Law of Labour and of Social Insurance*, IV 6, 7 and 8e (second year).

Syllabus.—

(1) Formation of a valid contract: intention to create legal relations, offer and acceptance,

Lectures, Classes and Seminars

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.

Recommended reading.—Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*.

FOR REFERENCE: J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; G. C. Cheshire and C. H. Fifoot, *Law of Contract*.

Students should always use the latest editions of the above books.

435. Elements of Commercial Law B—Partnership and Company.

Mr. Downey. Ten lectures, Michaelmas and Lent Terms (day), beginning in the sixth week of the Michaelmas Term. Ten lectures, Michaelmas Term (evening).

For B.Sc. (Econ.) Part II—*Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 6 (third 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 Act, 1948.

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.

436. Elements of Commercial Law C—Consumer Protection.

Mr. Pickering. Ten lectures, Lent Term (day and evening).

For B.Sc. (Econ.) Part II—*Commercial Law*, IV 6, 7 and 8f; optional for I 3f; III 3f (third year).

(Students specialising in Economics, Analytical and Descriptive or in Monetary Economics should take either this course or Course No. 437.)

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*; F. M.

Law

Stevens, *Elements of Mercantile Law*; J. Charlesworth, *Principles of Mercantile Law*.

FOR REFERENCE.—Final Report of the Committee of 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.

437. Elements of Commercial Law D—Income and Capital Taxation of Individuals and Corporations.

Mr. Lazar. Eight lectures, Summer Term (second year). Four lectures, Lent Term (third year). For B.Sc. (Econ.) Part II—*Commercial Law*, V 6; optional for I 3f; III 3f. (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics should take either this course or Course No. 436.)

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.

438. Law of Labour and of Social Insurance.

Professor Grunfeld. Twenty-five lectures (day), Sessional. Mr. Cornish. Sessional (evening).

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and of Social Insurance*, IV 6, 7 and 8e (third year); Dip. Personnel Management.

Syllabus.—1. Collective labour relations:

(1) Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

(2) 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).

(3) Collective bargaining and the national prices and incomes policy: voluntary and compulsory early warning and control systems; the National Prices and Incomes Board.

2. Individual labour relations:

(1) Nature of the contract of employment: structure; employment, a voluntary relationship; servant and independent contractor, employed and self-employed persons.

(2) Wages: Factories Act "Particulars"; checkweighing; non-disciplinary deductions.

(3) Hours and holidays with pay: women and young persons, children and adult male workers.

(4) Sickness: common law rights; sickness benefits.

(5) Disciplinary powers of management: common law duties of employees; employers' sanctions.

(6) Termination of employment: the new law of redundancy; unemployment benefit.

(7) 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*; O. Kahn-Freund, "Legal

Lectures, Classes and Seminars

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*; 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.

439. Constitutional and Administrative Law.

Mr. McAuslan. Thirty lectures.

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*, or O. Hood Phillips, *Leading Cases in Constitutional Law*.

FURTHER READING AND REFERENCE: 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*; 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*; Report of the Committee on Ministers'

Law

Powers (Cmd. 4060, 1932); Report of the Committee on Administrative Tribunals and Enquiries (Cmd. 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.

440. 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, *Justice in the U.S.S.R.*; V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II-V; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; J. N. Hazard, *Settling Disputes in Soviet Society*; J. N. Hazard and I. Shapiro, *The Soviet Legal System*; I. Lapenna, *Conceptions Soviétiques de Droit International Public*; *State and Law: Soviet and Yugoslav Theory*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1, 2, 3 and 9.

CASE BOOK: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*.

Students should consult the latest editions of these books.

Further reading will be given at the beginning of the course.

441. 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 Élémentaire 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,

Lectures, Classes and Seminars

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 Napoleon 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*.

Note: Formal classes in the Law of Banking are no longer held, but students wishing to study it should consult Lord Chorley who will advise and assist them.

Reference should also be made to the following course:
No. 420.—Public International 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
400(A). English Legal System	LL.B. Intermediate
401(A). Public Law I	LL.B. Intermediate
402(A). Law of Contract I	LL.B. Intermediate
403(A). Law of Tort I	LL.B. Intermediate
404(A). Law of Real and Personal Property I	LL.B. Intermediate
405(A). Criminal Law (new regulations)	LL.B. Part I
408(A). Law of Contract and Tort (new regulations)	LL.B. Part I
410(A). Law of Real and Personal Property II (new regulations)	LL.B. Part I
411(A). Public Law II (new regulations)	LL.B. Part I
413(A). Jurisprudence	LL.B. Part II
415(A). Law of Evidence	LL.B. Part I or II
417(A). English Administrative Law	LL.B. Part I or II
418(A). History of English Law	LL.B. Part II
420(A). Public International Law	LL.B. Part II and B.Sc. (Econ.) Parts I and II
422(A). Conflict of Laws	LL.B. Part II
424(A). Succession	LL.B. Part II
426(A). Mercantile Law	LL.B. Part II
428(A). Labour Law	LL.B. Part II
430(A). Law of Domestic Relations	LL.B. Part II
433(A). English Legal Institutions	B.Sc. (Econ.) Part I
434(A). Elements of Commercial Law—Contract	B.Sc. (Econ.) Part II
435(A). Elements of Commercial Law—Partnership and Company	B.Sc. (Econ.) Part II
436(A). Elements of Commercial Law—Sale of Goods	B.Sc. (Econ.) Part II
438(A). Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II
439(A). Constitutional and Administrative Law	B.Sc. (Econ.) Part II
442. African Law	LL.B. Part II

Law

SEMINARS FOR THE LL.M. DEGREE

(a) These seminars are taken by members of the staff of the School. A number of them are run jointly with members of the staff of other colleges.

443. Company Law.

Professor Wedderburn, Dr. Leigh and Mr. Irvine.

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) (Cmd. 1749); J. Charlesworth, *Company Law*.

FOR 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.

444. Constitutional Laws of the Commonwealth, I.

(Canada, Australia, and either India or Pakistan).

Dr. Leigh, Mr. Chesterman (K.C.) and Mr. Irani (S.O.A.S.).

(Candidates who are taking this subject and proceeding by way of Examination with Dissertation shall not be permitted to take also Constitutional Laws of the Commonwealth II.)

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.

Lectures, Classes and Seminars

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; centralisation and decentralisation; 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; centralisation and decentralisation; 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); S. A. de Smith, *The Vocabulary of Commonwealth Relations*; G. Sawyer (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*

Law

of the British Commonwealth of Nations; J. E. S. Fawcett, *The Inter Se Doctrine of Commonwealth Relations*; 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. Schreiser, *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. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; *Australian Government Today*; J. D. B. Miller, *Australian Government and Politics*; R. Else-Mitchell (Ed.), *Essays on the Australian Constitution*; G. Sawyer and others, *Federalism in Australia*.

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. Shafiqat, *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.

445. Law of International Institutions.

Professor D. H. N. Johnson.

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; Organisation; Jurisdiction; Procedure; Awards, Judgments, Advisory Opinions; Execution.

(2) Administrative International Institutions, with special reference to pre-1914 international

Lectures, Classes and Seminars

unions and international river organisations: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(3) Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organisation: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(C) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organisation; Scope of Jurisdiction; Procedure; Powers.

(D) *Hybrid International Institutions*:

(1) Universalist Single-Purpose Institutions, with special reference to the Inter-governmental Organisations related to the United Nations.

(2) Regional Institutions. Multi-purpose Institutions, e.g. Organisation 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); Supra-national 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 Organisations: Functions; Membership; Organisation; Scope of Jurisdiction; Powers.

(E) *Non-Governmental International Organisations*—Arrangements for Consultation with the United Nations under Article 71 of the Charter.

(F) *Legal Aspects of the Co-ordination of International Institutions*.

Note: Candidates taking this subject will not be expected to have a detailed knowledge of specialised agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.

(G) *Constitutional Conditions of World Order*.

Recommended reading.—TEXTBOOKS: L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, Chapter IV—The Legal Organisation 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. Modolski 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*.

Law

446. Legal History.
Professor Milsom.

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. Justices of the Peace. 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*.

Students should consult the latest editions of these books.

The publications of the Seldon 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.

447. 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.

II. For examinations to be held in 1968 and 1969: Contract, including negotiable instruments; tort; movable property (excluding succession to movable property); bankruptcy.

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*

Lectures, Classes and Seminars

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 Élémentaire de Droit International Privé*; P. Arminjon, *Précis de Droit International Privé*; P. Lerebours-Pigéonnière, *Précis de Droit International Privé*; A. F. Schnitzer, *Handbuch des Internationalen Privatrechts*; W. Niederer, *Einführung 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.

448. 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*.

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

Law

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.

449. Constitutional Laws of the Commonwealth, II

(other than Canada, Australia, India and Pakistan).

Mr. Park and Mr. McAuslan.

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*; D. V. Cowen, *The Foundations of Freedom*.

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*; H. V. Wiseman, *The Cabinet 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*;

Lectures, Classes and Seminars

O. I. Odumosu, *The Nigerian Constitution*; B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; H. E. Groves, *The Constitution of Malaysia*.

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* and the *Journal of Commonwealth Political Studies*.

450. The Law of Restitution.

Mr. Goff and Mr. Cornish.

Syllabus.—The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries, etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

Recommended reading.—R. L. A. Goff and G. H. Jones, *The Law of Restitution*; S. J. Stoljar, *The Law of Quasi-Contracts*; American Law Institute, *Restatement of Restitution*; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province and Function of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contract*; D. W. M. Waters, *The Constructive Trust*.

Students should consult the latest editions of these books.

451. Comparative Criminal Law and Procedure.

Mr. Hall Williams and Mr. D. A. Thomas.

Syllabus.—GENERAL PRINCIPLES: A consideration of the main principles of English Criminal Law in comparison with those of the following Penal Codes: The Canadian Code of 1954; The Indian Penal Code of 1860; The Codes of Nigeria, Nyasaland, Uganda; The Danish Criminal Code of 1930; together with the English Draft Criminal Code of 1879 and the American Law Institute, Draft Model Penal Code.

SELECTED ASPECTS: A comparative examination of such selected aspects of English Criminal Law and Procedure as may be prescribed from time to time.

Prescribed Aspects: Session 1967–1968: 1. *Specific crimes:* larceny and kindred offences; offences against public morality.

2. *Procedure:* decision to prosecute; position of accused as a witness; sentencing process.

Recommended reading will be given during the course.

452. The Law of Personal Taxation.

Professor Wheatcroft and 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.

Law

Recommended reading.—TEXTBOOKS: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chaps. 4, 5, 6, 12 and 13). (Alternatively, students may use Vol. I of the *British Tax Encyclopedia* (loose leaf), which contains later revisions of the material.) G. S. A. Wheatcroft and A. E. W. Park, *Wheatcroft on Capital Gains Taxes*.

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*.

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).

453. The Law of Business Taxation.

Professor Wheatcroft and Mr. Park.

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 deduction 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.

Double tax relief in relation to business income and its relation to companies, partnerships and sole traders. The tax treatment of pensions and pension contributions in relation to trades and professions (including S.379 and S.388 schemes).

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: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chaps. 1–3, 7, 9, 10 and 11) and either P. M. B. Rowland and J. E. Talbot, *Corporation Tax* or C. N. Beattie, *Corporation Tax*. Alternatively, students may use Vol. I of the *British Tax Encyclopedia* (loose leaf) which contains later revisions of "The Law of Income Tax, Surtax and Profits Tax" together with a section on Corporation Tax.

GENERAL READING: Latest *Report of Commissioners of Inland Revenue*; C. N. Beattie, *The Elements of the Law of Income and Capital Gains Taxation*.

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).

454. Law of Estate Planning.

Professor Wheatcroft, Mr. Dworkin and Professor Crane (Q.M.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 of 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),

Lectures, Classes and Seminars

(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*); G. S. A. Wheatcroft, *The Taxation of Gifts and Settlements*.

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*.

455. Law of European Institutions.

Dr. Valentine.

Syllabus.—The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the European Defence Community; the European Political Community (all in outline only).

The European Communities: (i) Constitutional Structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.

(ii) Implementation of the Treaties: the creation of a common market; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies. The relationship between community law and municipal law; incorporation; harmonisation of legislation.

The Council of Europe: structure and functioning of: the Committee of Ministers; the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.

Comparison with other European Economic Organisations: (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*

Law

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.

456. Monopoly, Competition and the Law.

Mrs. Korah (U.C.), Professor Guest (K.C.), Professor Yamey and Mr. Whiteman.

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.

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.

457. Problems of Civil Litigation (Seminar).

Professor Wheatcroft and Master Jacob. A graduate evening seminar, fortnightly, Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

Mainly for students attending course No. 464.

The Seminar will discuss current problems in civil litigation. Subjects will be announced in advance.

458. Problems in Taxation (Seminar).

Professor Wheatcroft. Fortnightly (evening), Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

For graduate students in the Law Department and M.Sc.—Public Finance, III 3 (viii) (final year).

Syllabus.—The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

459. Current Legal Developments in the U.S.S.R. and Eastern Europe (Seminar).

Dr. Lapenna. Fortnightly, Sessional.

For graduate students.

460. Advanced International Law (Seminar).

Professor D. H. N. Johnson. Sessional.

For LL.M. (L.S.E. students only.)

461. Labour Law (Seminar).

Professor Wedderburn. Five seminars, Lent Term.

For M.Sc.—Labour Law, VII 2 (iii) and others interested.

Lectures, Classes and Seminars

462. Comparative Family Law.

Dr. Stone and Mr. Whiteman, with Professor M. Freedman. Sessional.
For LL.M.

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.

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.

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. Bromly, *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 1965; Domestic Relations Law as amended 1965, and Family Court Act.

(d) FURTHER READING: Foster and Freed, *Law and the Family*, esp. Vol. 2 (1966).

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; Charnatz 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).

(b) JOURNALS AND ARTICLES: M. Freedman, "Colonial Law and Chinese Society" (80 J. Royal Anthropological Institute, 1950). M. Freedman, *Chinese Family Law in Singapore: The Rout of Custom* (J. N. D. Anderson (Ed.) 1967). 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.

Law

463. Legal Medicine and Forensic Psychiatry (Seminar).

Mr. Hall Williams, Dr. Stone and visiting speakers. Michaelmas and Lent Terms.

For LL.M.—*Criminology*; *Comparative Family Law*; LL.B.—*Law of Domestic Relations*. Other students may attend by permission.

464. The Principles of Civil Litigation.

Master Jacob and Mr. Zander.

(b) The following seminars are taken by members of the staff of other colleges

Subject	Lecturer
465. Jurisprudence and Legal Theory	Professor Lord Lloyd Professor Chloros
466. Comparative Law of Contract in Roman and English Law	Professor Thomas, Mr. Morrison and others
467. Muhammadan Law	Professor Anderson Mr. Coulson
468. Hindu Law	Professor Derrett
469. Law of Landlord and Tenant	Professor Crane Professor Kiralfy
470. Planning Law	Mr. Knight
471. Air Law	Dr. Cheng Mr. Austin
472. International Law of War and Neutrality	Professor Schwarzenberger Mr. Austin
473. African Law	Professor Allott
474. Law of Mortgages and Charities	Professor Keeton Professor Ryder
475. History of International Law	Professor Schwarzenberger Mr. Parkinson
476. Comparative European Law	Professor Kiralfy Professor Chloros
477. Methods and Sources of International Law	Dr. Cheng
478. Sociology of International Law	Dr. Jacobi Mr. Parkinson
479. Carriage of Goods by Sea	Professor Ivamy
480. Marine Insurance	Professor Ivamy
481. Administrative Law	Professor Holland
482. International Law of the Sea	Mr. Brown
483. International Economic Law	Professor Schwarzenberger

Philosophy, Logic and Scientific Method

Philosophy, Logic and Scientific Method

484. Philosophical Problems.

Professor Sir Karl Popper. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Philosophy, XVI (second and third years); B.A. (Phil. and Econ.) (first, second and third years); M.Sc.—Philosophy (Scientific Method and Logic).

485. Introduction to Scientific Method.

Professor Feyerabend (U.C.). 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. Illustrations from the history of science. Logical analysis of explanation. Explanation and deduction. Independent tests of the explicans. Logical analysis of tests, prediction, application. Historical and theoretical explanations. Criteria of scientific progress. Degrees of testability. Role of measurement. Hypotheses about single cases (simple hypotheses) and frequency hypotheses. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Inductive probability v. degree of confirmation. Physical, biological and social sciences.

Recommended reading.—PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations*; J. O. Wisdom, *Foundations of Inference in Natural Science*; K. R. Popper, *The Logic of Scientific Discovery*; N. R. Campbell, *What is Science?*; K. R. Popper, "The Aim of Science" (*Ratio*, 1957). PHILOSOPHY OF SOCIAL SCIENCE: R. Brown, *Explanation in Social Science*; K. R. Popper, *The Poverty of Historicism*; L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*; F. A. Hayek, *The Counter-Revolution of Science*; J. W. N. Watkins, "Historical Explanation in the Social Sciences" (*B.J.P.S.*, 1957).

BACKGROUND READING: A. E. E. McKenzie, *The Major Achievements of Science*; G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science*. HISTORY OF SCIENCE: S. Toulmin and J. Goodfield, *Fabric of the Heavens*; S. Toulmin and J. Goodfield, *The Architecture of Matter*; A. Koyré, *From the Closed World to the Infinite Universe*; A. Einstein and L. Infeld, *The Evolution of Physics*; A. Koestler, *The Sleepwalkers*.

485(a). Introduction to Scientific Method Class.

Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 485.

For B.Sc. (Econ.) Part I.

486. Scientific Method.

Professor Sir Karl Popper and Dr. Lakatos. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j; VIII 3e; *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*, XII (Logic) 2 (v); XII (Scientific Method) 1. For M.Sc.—*Operational Research Methods*, XI 4 (i) (Michaelmas Term only).

Students who have not attended either Course No. 487 *Introduction to Logic*, or Course No 485 *Introduction to Scientific Method*, are advised to attend the latter in preparation for this course.

Syllabus.—The problem of method. The aims of science. Explanation and independent evidence. Falsifiability. Probabilistic hypotheses. Avoidance of the 'paradoxes' of confirmation. Simplicity. The questions of physical, social and historical necessity. Determinism and indeterminism. The nature of scientific revolutions. Reductions in science. Metaphysics and science. Methods of the social sciences. Philosophy of history.

Lectures, Classes and Seminars

Recommended reading.—PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery; Conjectures and Refutations*; E. Nagel, *The Structure of Science*; R. B. Braithwaite, *Scientific Explanation*; H. Poincaré, *Science and Hypothesis; Science and Method; The Value of Science; Last Essays*; M. Bunge, *Scientific Research* (2 vols.); *The Critical Approach to Science and Philosophy*; P. B. Medawar, *The Art of the Soluble*; I. Lakatos, "Proofs and Refutations" (B.J.P.S., 1963-64); N. Goodman, *Fact, Fiction and Forecast*; P. Duhem, *The Aim and Structure of Physical Theory*; P. W. Bridgman, *The Nature of Physical Theory*; J. O. Wisdom, *Foundations of Inference in Natural Science*; N. R. Campbell, *What is Science?*; H. Feigl and M. Brodbeck (Ed.), *Readings in the Philosophy of Science*; M. Mandelbaum, *Philosophy, Science and Sense Perception*. HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe*; A. Koestler, *The Sleepwalkers* (Parts III-V); A. Einstein and L. Infeld, *The Evolution of Physics*; E. M. Rogers, *Physics for the Inquiring Mind*; I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Structure of Scientific Revolutions*. PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences*; T. W. Hutchison, *The Significance and Basic Postulates of Economic Theory*; F. A. Hayek, *Individualism and Economic Order*; F. H. Knight, *On the History and Method of Economics*; J. Robinson, *Economic Philosophy*; C. Menger, *Problems of Economics and Sociology*; R. G. Collingwood, *The Idea of History*; M. Mandelbaum, *The Problem of Historical Knowledge*; K. R. Popper, *The Poverty of Historicism; The Open Society and Its Enemies*; M. Friedman, *Essays in Positive Economics*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*Readings in the Philosophy of Science*, Ed. H. Feigl and M. Brodbeck); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959); W. Eucken, *The Foundations of Economics*.

486(a). Scientific Method Class.

Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 486.
For B.Sc. (Econ.) Part II.

487. Introduction to Logic.

Mr. Musgrave. 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 7g; 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*, XII (Scientific Method) 2 iii.

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 model; relative consistency proofs.

The main problem of logic: validity of 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 formalisation. Example: axiomatized propositional calculus and proofs of its consistency, completeness, and independence. Gödel's incompleteness results.

Recommended reading.—I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc. Supp. Vol.*, 1962); R. Blanché, *Axiomatics*; E. Nagel and J. R. Newman, *Gödel's Proof*; P. H. Nidditch, *The Development of Mathematical Logic*; M. Kline, *Mathematics: A Cultural Approach*; K. R. Popper, "Logic Without Assumptions" (*Proc. Arist. Soc.*, 1946-7);

Philosophy, Logic and Scientific Method

A. Tarski, *Logic, Semantics, Metamathematics*, chap. 16; W. V. Quine, *Elementary Logic*; W. V. Quine, *Methods of Logic*; A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; P. Suppes and A. Hill, *First Course in Mathematical Logic*; P. Suppes, *Introduction to Logic*; A. Copi, *Symbolic Logic*; B. Mates, *Elementary Logic*; K. R. Popper, *Conjectures and Refutations*, chap. 14.

487(a). Logic Class.

Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 487.
For B.Sc. (Econ.) Part I.

488. History of Modern Philosophy.

Professor Watkins. Twenty-five 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*, XII (Logic) 2 (vi); XII (Scientific Method) 2 (i).

Syllabus.—The main problems, theories and arguments of Bacon, Descartes, Locke, Spinoza, Leibniz, Berkeley, Hume and Kant.

Philosophical problems engendered by the rise of seventeenth-century physics: methods of discovery; sensible appearances and physical realities; intellectualist and empiricist views on "abstract ideas" in physics and mathematics; causal determination, human bondage and human freedom; theories of matter and thinghood; theories of causation; body-body interaction and body-mind interaction; perception and the "systematic deception" of the senses. Proofs of the existence of God and justifications for apriorism in physics; innate ideas; the principle of sufficient reason; rationalist and empiricist theories of the origins of ideas; theories of error. Essentialist and instrumentalist interpretations of Copernican and Newtonian physics; absolute and relative motion, space and time. The limits of human knowledge.

The moral and political ideas of some of these philosophies will be discussed in connection with their epistemological and metaphysical ideas.

Recommended reading.—(Students are advised to concentrate their reading around, say, four of the main philosophers.) TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; T. Hobbes, *The Elements of Law* (Ed. F. Toennies), Part I; 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); N. Malebranche, *Dialogues on Metaphysics and on Religion* (trans. M. Ginsberg); B. Spinoza, *Correspondence* (Ed. A. Wolf); *Political Works* (Ed. A. G. Wernham); *Ethics* (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* (both in L. E. Loemker (Ed.), *Philosophical Papers and Letters*, Vol. I); *Selections* (Ed. P. P. Wiener); G. Berkeley, *The Principles of Human Knowledge and Three Dialogues between Hylas and Philonous* in A. A. Luce and T. E. Jessop (Eds.) *Works*, Vol. 2; 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 and Critique of Pure Reason* (trans. N. Kemp Smith).

COLLECTIONS: R. H. Popkin (Ed.), *The Philosophy of the 16th and 17th Centuries*; L. W. Beck (Ed.), *18th-Century Philosophy*.

COMMENTATORS: R. E. Ellis and J. Spedding's Prefaces and Notes in Bacon's *Works*; J. W. N. Watkins, *Hobbes's System of Ideas*; L. Roth, *Descartes' Discourse on Method*; J. Gibson, *Locke's Theory of Knowledge*; S. Hampshire, *Spinoza*; H. A. Wolfson, *The Philosophy of Spinoza*; B. Russell, *The Philosophy of Leibniz*; editorial introductions in A. A. Luce and T. E. Jessop (Eds.), *The Works of George Berkeley*; J. O. Wisdom, *The Unconscious Origin of Berkeley's Philosophy*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 Vols.).

Lectures, Classes and Seminars

BACKGROUND READING: Some of the following may be consulted: E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; H. Butterfield, *The Origins of Modern Science*; A. N. Whitehead, *Science and the Modern World*; E. Meyerson, *Identity and Reality*; A. Koestler, *The Sleepwalkers* (Part Four); R. G. Collingwood, *The Idea of Nature*; Ernst Mach, *Science of Mechanics*, chap. II; A. Koyré, *From the Closed World to the Infinite Universe*; J. H. Randall, Jr., *The Career of Philosophy*; R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; M. Mandelbaum, *Philosophy, Science and Sense-Perception*.

489. Philosophy of Social Knowledge.

Dr. Giedymin. Twenty lectures. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Philosophy of Social Knowledge*, XVI 8a; B.A. Phil. and Econ. (second and third years); M.Sc.—*Methodology of the Social Sciences*, XII (Scientific Method) 2 (vi).

489(a). Philosophy of Social Knowledge Class.

Dr. Giedymin. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Philosophy of Social Knowledge*, XVI 8a; B.A. (Phil. and Econ.) (third year); M.Sc.—*Methodology of the Social Sciences*, XII (Scientific Method) 2(vi).

490. Philosophy of Mathematics.

Dr. Lakatos. Ten lectures, Lent Term.

For M.Sc.—*Mathematical Logic*, XII (Logic) 1; *Elements of Mathematical Logic*, XII (Scientific Method) 2(iii).

491. Science and Metaphysics.

Professor Watkins. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Epistemology and Metaphysics*, XVI 7 (second year); B.A. Phil. and Econ. (second year); optional for M.Sc.—*Advanced Scientific Method*, XII (Logic) 2 (v); XII (Scientific Method) 1; *History of Epistemology*, XII (Logic) 2 (vi); XII (Scientific Method) 2 (i).

Syllabus.—Typical characteristics of metaphysical ideas which have played a role in the history of science. Kant's box and the problem of classifying metaphysical principles. Kant and Positivism. Are there synthetic *a priori* propositions? *Ex nihilo, nihil fit* and the Principle of Sufficient Reason. Presuppositions of science *v.* challenging metaphysical speculations. Can a metaphysical hypothesis be rationally evaluated?

Recommended reading.—A. J. Ayer (Ed.), *Logical Positivism*; R. G. Collingwood, *An Essay on Metaphysics* (Part I); I. Kant, *Prolegomena*; E. Meyerson, *Identity and Reality*; K. R. Popper, *Conjectures and Refutations* (especially chaps. 3, 5, 7, 8 and 11); J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind*, July 1958); "Confirmation, the Paradoxes, and Positivism" in M. Bunge (Ed.), *The Critical Approach to Science and Philosophy*.

492. Incompleteness and Computability.

Professor Kilmister. Eight lectures and eight classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, XVI 4b; optional for X 6 and 7g; XI 2b (third year); M.Sc.—*Elements of Mathematical Logic*, XII (Scientific Method) 2 (iii); *Mathematical Logic*, XII (Logic) 1.

Syllabus.—(First three lectures and classes: brief historical account of elementary logic, Aristotle, Boole and the propositional calculus.) A sketch of the general ideas behind Gödel's incompleteness theorem, followed by a detailed proof of the theorem. The equivalence of decidability and computability, with some consideration of Turing machines.

493. Selected Topics in the History of Science.

Mr. Findlay. 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

Philosophy, Logic and Scientific Method

Econ.) (second and third years); M.Sc.—*Selected Topics in the History of Science*, XII (Logic) 2 (vii); XII (Scientific Method) 2 (v).

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.—Main text: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*. Background reading: (i) historical: E. A. Burtt, *The Metaphysical Foundations of Modern Science*; H. Butterfield, *Origins of Modern Science*; A. Einstein and L. Infeld, *The Evolution of Physics*; A. Koestler, *The Sleepwalkers*; A. Koyré, *From the Closed World to the Infinite Universe*; *Newtonian Studies*; E. Mach, *Science of Mechanics*. (ii) philosophical: P. W. Bridgman, *The Logic of Modern Physics*; P. Duhem, *The Aim and Structure of Physical Theory*; E. Meyerson, *Identity and Reality*; H. Poincaré, *Science and Hypothesis*.

494. Elementary Calculus.

Mr. Findlay. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Philosophy and History of Science*, XVI 3b or 8b (second year); M.Sc.—*Selected Topics in the History of Science*, XII (Scientific Method) 2(v).

Syllabus.—An introduction to the differential and integral calculus intended primarily for students interested in the history of science. The treatment will be largely historical, and some philosophical problems connected with the development of the calculus will be discussed.

495. Completeness and Categoricity.

Dr. Cleave. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7g; XVI 4b (third year); M.Sc.—*Mathematical Logic*, XII (Logic) 1; *Elements of Mathematical Logic*, XII (Scientific Method) 2(iii).

Syllabus.—Hilbert's programme. The Gödel-Henkin completeness theorem for first order theories. The Löwenheim-Skolem theorem. Non-standard arithmetic.

Recommended reading.—R. Stoll, *Set Theory and Logic*, chap. 9.

BACKGROUND READING: E. Nagel and J. R. Newman, *Gödel's Proof*; R. Stoll, *Set Theory and Logic*, chaps. 1-5; I. Lakatos, "Infinite Regress and the Foundation of Mathematics" (*Arist. Soc. Supp. Vol.* 1962).

496. Introduction to Model Theory.

Dr. Cleave. Five lectures, Lent Term.

For M.Sc.—*Mathematical Logic*, XII (Logic) 1.

Syllabus.—Elementary equivalence. Compactness. Ultraproducts.

497. 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.—Moral autonomy and the problem of ethical objectivism. Consent and authority. Freedom and responsibility. Utilitarianism. Tradition. Rational political reform. Democracy.

Recommended reading.—In addition to some of the classic works of Plato, Hobbes, Locke, 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*.

Lectures, Classes and Seminars

SEMINARS

498. Philosophy and Scientific Method.

Professor Sir Karl Popper and other members of the department, Sessional.
For M.Sc. and other graduate students.

499. Scientific Method and History of Epistemology.

Professor Watkins and Mr. Musgrave. Michaelmas and Lent Terms.
For M.Sc. in Logic or Scientific Method.

500. Logic and Probability.

Dr. Lakatos. Fortnightly, Michaelmas and Lent Terms.
For M.Sc. in Logic or Scientific Method.

501. Philosophical Problems.

Professor Watkins and Mr. Musgrave. Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—special subject Philosophy; B.A. (Phil. and Econ.) (third year).

502. Philosophy of the Social Sciences.

Dr. Corry, Mr. Klappholz and Mr. Musgrave. Fifteen seminars, Michaelmas and Lent Terms.
For B.A. (Phil. and Econ.); B.Sc. (Econ.) Part II, *Philosophy of Social Knowledge*, XVI 8a (second and third years); *Scientific Method*, I 3a (third year); M.Sc.—*Methodology of the Social Sciences*, XII (Scientific Method) 2 (vi).

503. Political Philosophy.

Professor Watkins. Fortnightly, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Moral and Political Philosophy*, XVI 4a; B.A. (Phil. and Econ.) (third year).

CLASSES

504. Philosophical Issues.

Professor Watkins. Fifteen meetings, Lent and Summer Terms.
For B.Sc. (Econ.)—Part II—*Epistemology and Metaphysics*, XVI 7; B.A. (Phil. and Econ.) (second year).

505. Philosophy.

Sessional.
For B.A. (Phil. and Econ.) (first year).

506. Logic and Scientific Method.

Sessional.
For B.A. (Phil. and Econ.) (second year).

507. Mathematical Logic.

Mr. Gillies and Dr. Lakatos. Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7g; XI 2b; XVI 4b (second and third years).

508. Philosophy and History of Science.

Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Philosophy and History of Science*, XVI 3b or 8b.

Philosophy, Logic and Scientific Method

Students are also referred to:

Foundations of Mathematics.

Mr. Sluga. Lent Term. At University College.
For B.A. (Phil. and Econ.) (third year).

and

No. 587.—**Political Thought (Texts).**

Political Studies

	Page
International Relations	415
Politics and Public Administration	426

International Relations

510. 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.); J. L. Brierly, *The Outlook for International Law*; 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*; 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*; M. Wight, *Power Politics*; G. Barraclough, *An Introduction to Contemporary History*.

510(a). Structure of International Society (Class).

Members of the Department. Sessional.

For B.Sc. (Econ.) Part I—alternative subject 7, *Structure of International Society*.

511. The International Political System.

Dr. Northedge. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject International Relations; *International Politics*, XIV 3b (second year); M.Sc.—*International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 7 and other graduate students.

Syllabus.—The emergence and organisation 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*.

511(a). International Politics (Class).

Dr. Northedge, Mr. James, Dr. Lyon, Mr. Mayall and Mr. G. H. Stern. Weekly, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

Lectures, Classes and Seminars

For B.Sc. (Econ.) Part II—special subject International Relations; *International Politics*, XIV 3b (second year).

512. 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*, X 1; *The Foreign Policies of the Powers*, X 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*; K. London and K. Ives, *How Foreign Policy is Made*; J. L. MacCamy, *The Administration of American Foreign Affairs*; C. V. Crabb, *Bipartisan Foreign Policy*; M. Beloff, *Foreign Policy and the Democratic Process*; B. C. Cohen, *The Influence of Non-governmental Groups on Foreign Policy*; H. B. Westerfield, *Foreign Policy and Party Politics*.

513. 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 of an Approved Region*, X 7; *The Foreign Policies of the Powers*, X 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 1967-68.

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: G. Kennan, *Russia and the West Under Lenin and Stalin*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*; R. Pethybridge, *A Key to Soviet Politics*.

(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: A. D. Barnett, *Communist China and Asia*; G. Wint, *Communist China's Crusade*; J. Ch'en, *Mao and the Chinese Revolution*; D. S. Zagoria, *The Sino-Soviet Dispute*.

(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

International Relations

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*.

513(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.

514. New States in World Politics.

Dr. Lyon. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—special subject International Relations; *International Politics*, XIV 3b (second year); M.Sc.—*International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 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 19th 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.—P. Calvocoressi, *New States and World Order*; R. Emerson, *From Empire to Nation*; G. H. Jansen, *Afro-Asian and Non-Alignment*; E. Kedourie, *Nationalism*; P. Lyon, *Neutrality*; J. D. B. Miller, *The Politics of the Third World*; S. E. Finer, *The Man on Horseback*; M. Brecher, *The New States of Asia*; L. W. Martin (Ed.), *Neutrality and Non-Alignment*; P. Worsley, *The Third World*; J. Rippy, *Latin America: A Modern History*; G. A. Almond and J. S. Coleman (Eds.), *The Politics of the Developing Areas*; K. W. Deutsch and W. J. Foltz (Eds.), *Nation-Building*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*.

515. The International Relations of Southern Asia.

Dr. Lyon. Ten lectures, Michaelmas Term.

For M.Sc.—*International Politics of Southern Asia*, X 7; *The Foreign Policies of the Powers*, X 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 warfare. The influence of outside powers. The role of international organisations 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*; S. Rose (Ed.), *Politics in Southern Asia*; J. F. Cady, *Southeast Asia: its Historical Development*; C. A. Fisher, *South-East Asia: a Social*

Lectures, Classes and Seminars

Economic and Political Geography; D. E. Kennedy, *The Security of Southern Asia*; A. Buchan (Ed.), *China and the Peace of Asia*; M. Brecher, *The New States of Asia*.

516. International Institutions.

Professor Goodwin. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c; XII 7 (third year); XIV 8a (third year); M.Sc.—*International Politics*, X 1; *International Institutions*, X 3 and other graduate students.

Syllabus.—An analysis of the differing forms of international institutional co-operation; and of the growth, activities and limitations of international institutions, whether quasi-universal (e.g. the League of Nations, the United Nations and the “specialised agencies”) or regional (e.g. European institutions) in scope. An assessment of the impact of these institutions on the content and conduct of the foreign policies of their members. An examination of the principal schools of thought on the institutional basis of world order.

Recommended reading.—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*; A. Wolfers, *Discord and Collaboration*; Royal Institute of International Affairs, *International Sanctions*; 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*; A. Shonfield, *The Attack on World Poverty*; H. L. Ismay, *NATO, The First Five Years*; R. E. Osgood, *NATO, The Entangling Alliance*; M. Beloff, *Europe and the Europeans*; P.E.P., *European Organisations*; E. B. Haas, *The Uniting of Europe*; U. W. Kitzinger, *The Challenge of the Common Market*; M. Camps, *Britain and the European Community*; L. N. Lindberg, *The Political Dynamics of European Economic Integration*; F. Borkenau, *The Third International*; and the relevant constitutional documents.

517. Theories of International Institutional Co-operation.

Mr. Taylor. Ten lectures, Lent and Summer Terms.

For M.Sc.—*International Institutions*, X 3; *European Institutions*, X 4 and other undergraduate and graduate students.

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 516 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*.

518. International Institutions (Class).

Professor Goodwin, Miss Strange, Mr. James, Mr. Taylor and Mr. Hunter. Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term. For B.Sc. (Econ.) Part II—*International Institutions*, VIII 3c (second year); XII 7; XIV 8a (third year).

519. Diplomatic Methods and Procedures.

Lecturer to be announced. Five lectures, Summer Term.

For undergraduates and graduate students interested.

International Relations

Syllabus.—The origin and growth of the methods and procedures for the conduct of foreign relations. Theories and assumptions underlying the traditional system; diplomatic agents: their status and privileges; forms of diplomatic intercourse; congresses and conferences; treaties and other international compacts; their negotiation and characteristic forms; ratification; twentieth-century developments; the “New Diplomacy”; present-day foreign office and foreign service organisation.

Recommended reading.—E. M. Satow, *A Guide to Diplomatic Practice* (4th edn.); Lord Strang, *The Foreign Office*; Lord Strang, “Inside the Foreign Office” (*International Relations*, Vol. II, No. 1, April 1960); H. Nicolson, *Evolution of Diplomatic Method*; K. M. Pannikar, *The Principles and Practice of Diplomacy*; E. Plischke, *International Relations: Basic Documents*; T. M. Jones, *Full Powers and Ratification*; H. Blix, *The Treaty-Making Power*; C. K. Webster, *The Art and Practice of Diplomacy*; F. C. Iklé, *How Nations Negotiate*; *Report of the Committee on Representational Services Overseas (Plowden Report)* (Cmnd. 2276, 1964).

520. International Communism.

Mr. G. H. Stern. Fifteen lectures, 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 (second or third year); M.Sc.—*International Institutions*, X 3 and other graduate students.

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 interrelations 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 organisations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Recommended reading.—F. Borkenau, *World Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919–1939*; J. C. Clews, *Communist Propaganda Techniques*; 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*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*; G. Nollau, *International Communism and World Revolution*; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; A. D. Warth, *Soviet Russia in World Politics*; D. S. Zagoria, *The Sino-Soviet Conflict*; K. Grzybowski, *The Socialist Commonwealth of Nations*; M. Kaser, *Comecon*; L. Labeledz and G. R. Urban (Eds.), *The Sino-Soviet Conflict*; G. H. Stern, *Fifty Years of Communism*; G. Wint, *Communist China's Crusade*.

Note: Courses 521–532 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.

521. 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*, X 1 and other graduate students.

Syllabus.—An analysis of (i) the sources and organisation 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 political aspects of some of the central economic and social problems of contemporary international society.

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 Prepara-*

Lectures, Classes and Seminars

tions for War; K. E. Knorr, *The War Potential of Nations*; H. G. Aubrey, *Coexistence: Economic Challenge and Response*; J. S. Berliner, *Soviet Economic Aid*; B. Shwadran, *The Middle East, Oil and the Great Powers*; Yuan-Li Wu, *Economic Warfare*; I. D. M. Little and J. Clifford, *International Aid*; G. Curzon, *Multilateral Commercial Diplomacy*.

521(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).

522. War and Military Organisation in the West from 1815 to the Present.

Professor Howard and Mr. Bond (King's College). Twenty-five lectures, Sessional.

For M.Sc.—*Strategic Studies*, X 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.

522(a). Strategic Thought from Clausewitz to Douhet (Class).

Professor Howard and Mr. Bond (King's College), Michaelmas Term.

For M.Sc.—*Strategic Studies*, X 6 and M.A. (War Studies).

523. Contemporary Strategic Problems.

Mr. Windsor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Strategic Studies*, XII 8c (third year). M.Sc.—*Strategic Studies*, X 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 guerilla warfare. The problems of disarmament and arms control.

Recommended reading.—B. Brodie, *Strategy in the Missile Age*; A. Wolfers (Ed.), *Alliance Policy in the Cold War*; K. Knorr (Ed.), *NATO and American Security*; H. Bull, *The Control of the Arms Race*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; P. J. Noel-Baker, *The Arms Race*; E. W. Lefever (Ed.), *Arms and Arms Control*; H. A. Kissinger, *The Necessity for Choice*; R. Osgood, *NATO: The Entangling Alliance*; S. Huntingdon, *The Common Defense*; K. Knorr and W. T. Read (Eds.), *Limited Strategic War*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*.

524. War and Crisis in International Relations.

Dr. Bell. Ten lectures, Michaelmas Term.

For M.Sc.—*International Politics*, X 1; *Strategic Studies*, X 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. Noguee, *The Politics of Disarmament*; H. S. Dinerstein

International Relations

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*; E. Aron, *Peace and War Among Nations*; R. Tucker, *The Just War*.

525. The Defence Policy of the Western Alliance.

Professor Howard (King's College). Ten lectures, Michaelmas Term.

For M.Sc.—*Strategic Studies*, X 6 and other graduate students interested.

Syllabus.—The reorganisation 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 organisation and doctrine. The reorientation of policy under MacNamara, 1960.

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

526. Problems of Disarmament and Arms Control.

Mr. Windsor. Five lectures, Lent Term.

For M.Sc.—*Strategic Studies*, X 6 and undergraduate and graduate students interested.

Syllabus.—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 will be given at the beginning of the course.

527. Civil-Military Relations.

Dr. Mendl (King's College). Ten lectures, Michaelmas Term.

For M.Sc.—*Strategic Studies*, X 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 organisation and defence expenditure and the national economy.

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

527(a). Civil-Military Relations (Class).

Dr. Mendl (King's College). Lent Term.

For M.Sc.—*Strategic Studies*, X 6.

528. The Strategic Aspects of International Affairs (Class).

Mr. Windsor and Mr. Hunter. Lent Term.

For B.Sc. (Econ.) Part II—*Strategic Studies*, XII 8c (third year).

529. Theories of International Behaviour.

Mr. Banks. Ten lectures, Michaelmas Term.

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*, X 5 and for others interested.

Syllabus.—Problems of methodology and of the applicability of scientific method to the study of international politics. The distinction between philosophical and empirical theory. General and partial theories: systems analysis, decision-making theory, cybernetics, theories of integrative processes, game theory. The contributions of some disciplines of behavioural science to the theory

Lectures, Classes and Seminars

of international society; political science, sociology, social psychology. Conflict research. Experimental and research techniques: crisis gaming, computer simulation, content analysis and factor analysis.

Recommended reading.—M. H. Banks, "Two Meanings of 'Theory' in International Relations" (*Yearbook of World Affairs* 1966); B. M. Russett et al., *World Handbook of Political and Social Indicators*; J. D. Singer (Ed.), *Human Behaviour and International Politics*; H. C. Kelman (Ed.), *International Behaviour*; E. B. Haas, *Beyond the Nation-State*; K. E. Boulding, *Conflict and Defense*; K. W. Deutsch, *International Relations; The Nerves of Government*; J. W. Burton, *International Relations: A General Theory*; S. H. Hoffmann, *Contemporary Theory in International Relations*; M. A. Kaplan, *System and Process in International Politics*; R. N. Rosecrance, *Action and Reaction in World Politics*; T. C. Schelling, *The Strategy of Conflict*; R. C. Snyder et al. (Eds.), *Foreign Policy Decision-Making*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*; R. D. Fisher (Ed.), *International Conflict and Behavioral Science*; A. de Reuck (Ed.) for CIBA, *Conflict in Society*; J. N. Rosenau (Ed.), *International Aspects of Civil Strife*; C. A. McClelland, *Theory and the International System*; *The Journal of Conflict Resolution*; *World Politics*.

530. Theories of International Politics.

Dr. Lyon. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Theories of International Politics*, XII 8a (third year); M.Sc.—*Theories of International Politics*, X 5.

Syllabus.—The principal theories concerning international politics, considered by way of a discussion of the classical writings.

Recommended reading.—Dante, *De Monarchia*; Machiavelli, *The Prince*; F. de Victoria, *De Indis et De Jure Belli Relectiones*; Grotius, *De Jure Belli ac Pacis, Prolegomena*; E. de Vattel, *The Law of Nations*; E. Burke, *Letters on a Regicide Peace*, Nos. 1 and 2; Kant, *Perpetual Peace*; R. Cobden, *The Political Writings of Richard Cobden*, Vol. I; H. von Treitschke, *Politics*; F. Meinecke, *Machiavellism*; W. Schiffer, *The Legal Community of Mankind*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; F. H. Hinsley, *Power and the Pursuit of Peace*; N. Ørvik, *The Decline of Neutrality*; A. V. W. Thomas and A. J. Thomas, *Non-Intervention: the Law and Its Impact in the Americas*.

530(a). Theories of International Politics (Class).

Dr. Lyon and Mr. Taylor. Lent Term.

For B.Sc. (Econ.) Part II—*Theories of International Politics*, XII 8a (third year).

531. Philosophical Aspects of International Affairs.

Professor Manning. Five 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. Hoffmann, *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*.

International Relations

532. Psychological Aspects of International Affairs.

Dr. Northedge. Ten lectures, 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. Crawshaw-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; 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, *Sykeswar*; 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*.

533. 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); M.Sc.—*International Politics*, X 1 and other interested graduate students and undergraduates.

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 and Society in the Relations of States*; *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*; H. Lauterpacht, *The Function of Law in the International Community*; 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*.

533(a). The Sociology of International Law (Class).

Mr. James. Michaelmas Term.

For B.Sc. (Econ.) Part II—*Sociology of International Law*, XII 8d (third year).

534. Current Issues in International Relations (Class).

Dr. Northedge and Mr. Hunter. Lent and Summer Terms.

For interested students. Admission by permission of Dr. Northedge.

Lectures, Classes and Seminars

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

535. Research Methods (Seminar).

Professor Goodwin and Dr. Northedge. Michaelmas Term.
For M.Phil., and Ph.D. students in International Relations.

536. International Politics.

Dr. Northedge and Mr. G. H. Stern. Michaelmas Term.
For M.Sc.—*International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 7 and first-year graduate students.

537. Foreign Policy Analysis.

The following four seminars will be held:

(a) Foreign Policy Analysis.

Mr. Donelan and Dr. Bell. Lent Term (first five weeks).
For M.Sc.—*International Politics*, X 1; *The Foreign Policies of the Powers*, X 2.

(b) United States Foreign Policy.

Mr. Donelan. Lent Term (second five weeks).
For M.Sc.—*The Foreign Policies of the Powers*, X 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*, X 2, and other graduate students.

(d) National Attitudes and Foreign Policy.

Dr. Northedge, Dr. Tint and Mr. G. H. Stern. Summer Term.
For M.Sc.—*The Foreign Policies of the Powers*, X 2, and other graduate students. Also open to third-year undergraduates.

538. Problems of International Control.

Professor Goodwin. Lent Term.
For M.Phil. and Ph.D. students in the field of International Institutions. Open to other graduate students by invitation.

539. International Institutions.

Professor Goodwin and Mr. James. Michaelmas Term.
For M.Sc.—*International Politics*, X 1; *International Institutions*, X 3.

540. European Studies Seminar.

Professor Goodwin, Mr. Windsor and Professor Schapiro. Fortnightly, Sessional.
For staff and graduate students by invitation.

541. European Institutions.

Professor Goodwin, Mr. Pickles and Mr. Taylor. Lent and Summer Terms.
For M.Sc.—*European Institutions*, X 4 and other graduate students.

542. International Communism.

Mr. G. H. Stern. Fortnightly, Lent Term.
For M.Sc.—*The Foreign Policies of the Powers*, X 2; *International Institutions*, X 3; *International Politics of Europe*, X 7, and other graduate students.

International Relations

543. Asia and the Pacific in International Relations.

Dr. Bell and Dr. Lyon. Lent and Summer Terms.
For M.Sc.—*The Foreign Policies of the Powers*, X 2; *International Politics of Southern Asia*, X 7, and other graduate students.

544. Foreign Relations of African States.

Mr. Panter-Brick, Mr. Mayall and Mr. P. F. Dawson. Michaelmas Term.
For M.Sc.—*The Foreign Policies of the Powers*, X 2; *International Politics of Africa*, X 7, and other graduate students.

545. Strategic Studies.

Professor Howard, Dr. Mendl, Mr. Windsor and Mr. Hunter. Sessional.
For M.Sc.—*Strategic Studies*, X 6 and other graduate students.

546. War and Crisis in International Relations.

Dr. Bell. Lent Term.
For M.Sc.—*International Politics*, X 1, *Strategic Studies*, X 6; M.A. (War Studies) and other graduate students.

547. Political Aspects of International Economic Relations.

Mr. Donelan and Mr. Mayall. Lent Term.
For staff and graduate students by invitation.

548. Theories of International Politics.

Dr. Lyon and Mr. Taylor. Lent Term.
For staff and M.Sc.—*Theories of International Politics*, X 5, and other graduate students.

549. Theories of International Institutional Co-operation.

Professor Goodwin and Mr. Taylor. Summer Term (in the first half of the Term).
For M.Sc.—*International Institutions*, X 3 and *European Institutions*, X 4 and other graduate students.

550. Violent and Non-Violent Resistance to Aggression.

Mr. A. Roberts. Michaelmas and Lent Terms.
For M.Sc.—*Strategic Studies*, X 6 and other graduate students.

Note: The attention of graduate students is drawn to the following related courses:

614. Pan-Africanism and the Foreign Relations of African States.

The Military Policy and Organization of the Powers since 1815. A seminar will be held weekly throughout the session at the Institute of Historical Research by Professor Howard and Mr. Watt. Reference should also be made to the following sections and courses:

International Economics

International History

No. 420.—**Public International Law**

No. 445.—**Law of International Institutions**

No. 455.—**Law of European Institutions**

No. 625.—**Politics and Government of the Middle East**
and especially

No. 624.—**The Politics of European Integration**

Politics and Public Administration

560. British Government: an Introduction to Politics.

Professor Greaves (day). Dr. Donoghue, Mr. Barnes, Mr. Beattie, Mr. Plowden and Mr. Regan (evening). 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, decentralisation, 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.

561. Political Thought.

Professor Kedourie (day), Mr. Minogue (evening). Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2a; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (second year); B.A. Phil. and Econ. (first year).

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

562. 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 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2a; XII 2; XIII 2a; XIV 2; XV 2a; 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.

563. 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 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2a; XII 2; XIII 2a; XIV 2; XV 2a; 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*; A. G. Wernham (Ed.), *Spinoza: The Political Works*; J. Locke, *Second Treatise on Government*; D. Hume, *Theory of Politics* (Ed. F. Watkins); J. J. Rousseau, *The Social Contract*; J. Bentham, *A Fragment on Government; The Theory of Legislation*, Pt I; E. Burke, *Works* (6 Vols. World's Classics Edition); *Reflections on the Revolution in France*.

Politics and Public Administration

564. Moral and Political Liberty in Rousseau and J. S. Mill.

Mr. Charvet. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2a; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (third year); *Contemporary Political Thought*, VIII 8b.

Syllabus.—The lectures will involve an examination of the moral assumptions of Rousseau and J. S. Mill and the problems thereby posed for them in their discussions of the nature of political relations.

Texts.—J. J. Rousseau, *Emile; Discourse on Inequality; Social Contract*; J. S. Mill, *Essay on Liberty; Utilitarianism*.

565. 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 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 2; XI 2a; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (fourth year).

566. 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 18th century. The problem of the succession. The Hanoverians. The King and the Heir Apparent and the Cabinet. Whigs and Tories. Walpole, the premierships 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 premierships and party in the late 18th 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 organisation. The monarchy, the premierships and the cabinet in the 19th 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

567. History of British Politics in the Twentieth Century.

Mr. Beattie and Mr. Barnes. Ten lectures of one-and-a-half hours, Michaelmas 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.

568. History of British Politics in the Twentieth Century (continued).

Dr. Donoghue. Five 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).

569. The British Parliament.

Mr. Plowden. Five lectures, Lent Term.

Lectures, Classes and Seminars

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*.

570. 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).

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 organisation 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*.

571. British Political Parties and the Electorate.

Mr. Pickles and 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.

572. Politics and Government of the United Kingdom (Second-Year Class).

Mr. Beattie, Dr. Donoghue and Mr. Barnes, Michaelmas Term. Mr. Barnes, Mr. G. F. D. Dawson and Mrs. Bennett, Lent Term. Professor Self, Mr. Plowden and Mr. Regan, Summer Term.

Politics and Public Administration

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

573. Politics and Government of the United Kingdom (Third-Year Class).

Mr. Barnes, Mr. G. F. D. Dawson and Mrs. Bennett, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6.

574. The Political Sociology of British Government.

Dr. Miliband. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VIII 6 (third year). Recommended for students taking M.Sc.—*Political Sociology*, XIV 4; M.Sc.—*Theories and Concepts of Political Sociology*, XVIII 12; *Political Stability and Change*, XVIII 13; *The Study of Political Behaviour*, XVIII 14.

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.

575. 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*, XIII 2. Recommended for 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 organisation; 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. S. 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*.

575(a). Class.

Dr. G. W. Jones and Mr. Regan. Lent and Summer Terms in connection with Course No. 575. For B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VIII 3g (second year).

576. Aspects of Comparative Local Government.

Dr. G. W. Jones. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VIII 3(g) (second year); Overseas Service Officers; Dip. Development Admin.; M.Sc.—*Theory and Practice of Public Administration*, XIV 5. Optional for M.Sc.—*Administration in Regional and Urban Planning*, XIII 2. Recommended for other graduate students.

Lectures, Classes and Seminars

Syllabus.—A study of the local government systems of a number of countries both developed and underdeveloped. The organisation, functions and areas of local authorities: their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning—metropolitan and big-city government.

Recommended reading.—S. Humes and E. M. Martin, *The Structure of Local 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*; The Royal Institute of Public Administration, *New Sources of Local Revenue*; 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.

576(a). Comparative Local Government.

Dr. G. W. Jones. Ten classes, Michaelmas Term.

For M.Sc.—*Administration in Regional and Urban Planning*, XIII 2; *Theory and Practice of Public Administration*, XIV 5.

577(i). Comparative Political Institutions.

Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Two lectures and two classes of one-and-a-half hours for the first four weeks of the Michaelmas Term.

577(ii). Introduction to Political Institutions: U.S.A.

Dr. Letwin. Five lectures of one-and-a-half hours, Michaelmas Term (beginning in the fifth week).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

578. Introduction to Political Institutions: France.

Mr. Pickles. Five lectures of one-and-a-half hours, Lent Term (for the first five weeks of term).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (second year).

579. Introduction to Political Institutions: U.S.S.R.

Mr. Reddaway. Five lectures, Lent Term (for the last five weeks of term).

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

580. Comparative Political Institutions (Second Year).

Professor Schapiro, Mr. Pickles, Mr. Wolf-Phillips and Mr. Ionescu. Eight lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

580(a). Comparative Political Institutions (Second-Year Classes).

Professor Schapiro, Mr. G. F. D. Dawson, Mr. Pickles and Mr. Wolf-Phillips. Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (second year).

580(b). Comparative Political Institutions (Third-Year Classes).

Professor Schapiro, Mr. G. F. D. Dawson, Dr. Letwin, Mr. Pickles and Mr. Wolf-Phillips. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VIII 7 (third year).

Politics and Public Administration

581. Comparative Politics and Administration in New States (with special reference to Africa).

Mr. Panter-Brick. Twenty lectures, Michaelmas and Lent Terms.

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); M.Sc.—*The Politics and Government of Africa*, XIV 6; *International Politics of an Approved Region*, X 7; *Political Sociology*, XIV 4; *Political Stability and Change*, XVIII 13; Dip. Development Admin.

Syllabus.—The concept of political development and modernisation. Description and analysis of changes in political and administrative behaviour in relation to rapid cultural, social and economic change. Relative importance of and interaction between traditional rulers, modern élites, politicians, administrators and the military. Character and functions of nationalist movements, political parties, representative institutions, interest groups and private associations. The authority and functions of central government and relations with local authorities. Critical examination of the concepts of tribalism, communalism, plural societies, democracy and autocracy in the new states.

Recommended reading.—L. P. Mair, *New Nations*; R. Emerson, *From Empire to Nation*; A. R. Zolberg, *One-Party Government in the Ivory Coast*; 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 Derghe, *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*; F. B. Welbourn, *East African Rebels*; G. Hunter, *The New Societies of Tropical Africa*; 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*.

582. Politics and Government of New and Emergent States (Third-Year Class).

Mr. Panter-Brick. Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of New and Emergent States in former British and French Africa*, VIII 8c.

583. 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.

583(a). Class.

Mr. Pickles. Fortnightly, Michaelmas and Lent Terms, in connection with course No. 583.

For *third-year* students.

584. 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.

584(a). Class.

Dr. Letwin. Fortnightly, Michaelmas Term, in connection with Course No. 584.

For *third-year* students.

585. Politics and Government of Russia.

Professor Schapiro and Mr. Reddaway. Twenty lectures, Lent and Summer Terms.

Lectures, Classes and Seminars

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.

585(a). Class.

Mr. Rosta. Fortnightly, Lent and Summer Terms in connection with Course No. 585.
For *second-year* students.

585(b). Class.

Professor Schapiro and Mr. Reddaway. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 585.
For *third-year* students.

586. Politics and Government of Scandinavia (Denmark, Norway and Sweden).

Mr. G. F. D. Dawson. 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.

586(a). Class.

Mr. G. F. D. Dawson. Fortnightly, Summer Term, in connection with Course No. 586.
For *second-year* students.

586(b). Class.

Mr. G. F. D. Dawson. Fortnightly, Michaelmas Term, in connection with Course No. 586.
For *third-year* students.

587. 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—Mr. Cranston.

Rousseau—Mr. Charvet.

Hegel—Professor Kedourie.

Mill—Mr. Thorp.

588. Political Philosophy.

Mr. Cranston and Dr. Orr. Sixteen 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 and third years).

Syllabus.—Philosophy: its nature and methods and its place in the study of politics. The origins and grounds of moral judgments. Authority and power. Compulsion, persuasion and consent. Responsibility and punishment. Political obligation. Organic and individualistic theories of political society. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom. Social change and the problem of determinism. Positive and normative laws in political science. Property and distributive justice. The idea of equality. The nature of ideology. Theoretical foundations of democratic and non-democratic political orders.

Recommended reading.—C. G. Field, *Political Theory*; J. L. Lucas, *The Principles of Politics*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; J. D. Mabbott, *The State and the Citizen*; B. 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 Public Administration

Politics and Vision; M. Cranston, *Freedom*; E. F. Carr, *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*.

588(a). Class.

Mr. Cranston and Dr. Orr. Fortnightly, Lent and Summer Terms, in connection with Course No. 588.

For *second-year* students.

588(b). Class.

Mr. Cranston and Dr. Orr. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 588.

For *third-year* students.

589. 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. Soltan, *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).

589(a). Class.

Professor Greaves, Dr. Miliband and Mr. Thorp. Fortnightly, Lent and Summer Terms, in connection with Course No. 589.

For *second-year* students.

589(b). Class.

Professor Greaves, Dr. Miliband and Mr. Thorp. Fortnightly, Michaelmas Term, in connection with Course No. 589.

For *third-year* students.

Lectures, Classes and Seminars

590. Marxism.

Dr. Miliband. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VIII 8b (third year); M.Sc.—*Political Sociology*, XIV 4. Recommended for graduate students and M.Sc.—Sociology, 14 and 15.

Syllabus.—An examination of Marx's thought and of some revisions and adaptations of Marxism, notably German Revisionism and Leninism.

A reading list will be provided at the beginning of the course.

GRADUATE COURSES

599. History of Political Thought (Seminar).

Professor Oakeshott, Professor Kedourie, Mr. Cranston, Mr. Minogue, Dr. Orr and Mr. Charvet. Sessional.

For M.Sc.—*History of Political Thought*, XIV 1.

600. Politics and Government of the United Kingdom (Seminar).

Mr. Thorp, Mr. Beattie, Dr. Donoghue, Mr. Barnes and Mr. Plowden. Sessional.

For M.Sc.—*Politics and Government of the U.K.*, XIV 2.

601. Comparative Government (Seminar).

Professor Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Sessional.

For M.Sc.—*Comparative Government*, XIV 3.

602. Marxism after Lenin (Class).

Mr. Madian. Fortnightly, Lent Term.

For M.Sc.—*Political Sociology*, XIV 4. Recommended for M.Sc.—*Theories and Concepts of Political Sociology*, XVIII 12; *Political Stability and Change*, XVIII 13.

603. Political Stability and Change.

Mr. Madian and Mr. Stewart. Ten lectures, Lent and Summer Terms.

For M.Sc.—*Theories and Concepts of Political Sociology*, XIV 4; XVIII 12; *Political Stability and Change*, XIV 4; XVIII 13 and other graduate students.

Syllabus.—Classical and 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*; N. Birnbaum, *Ideology*; 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*; T. Parsons and N. Smelser, *Economy and Society*; G. Almond and J. S. Coleman, *The Politics of the Developing Areas*.

604. Theories and Concepts of Political Sociology (Seminar).

Dr. Miliband. Michaelmas Term.

For M.Sc.—*Theories and Concepts of Political Sociology*, XIV 4; XVIII 12; *Political Stability and Change*, XIV 4; XVIII 13.

605. Political Stability and Change (Seminar).

Mr. Madian, Dr. B. B. Schaffer and Mr. Stewart. Twenty meetings, Lent and Summer Terms.

For M.Sc.—*Theories and Concepts of Political Sociology*, XIV 4; XVIII 12; *Political Stability and Change*, XIV 4, XVIII 13.

(Students should also attend Course No. 603.)

Politics and Public Administration

606. The State and Society.

Dr. Miliband. Ten lectures, Michaelmas Term.

For M.Sc.—*Theories and Concepts of Political Sociology*, XIV 4; XVIII 12; *Political Stability and Change*, XIV 4 XVIII 13 and other graduate students. Open to undergraduates and recommended for B.Sc. (Econ.) Part II—special subject Government (third year).

Syllabus.—An examination of the nature and role of the state in contemporary society and of the main factors which influence its operation.

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

607. The Aims and Methods of Governmental Planning.

Professor Self. Eight lectures, Summer Term.

For M.Sc.—*Theory and Practice of Public Administration*, XIV 5; *Administration in Regional and Urban Planning*, XIII 2 and other graduate students; Dip. Development Admin. Optional for B.Sc. (Econ.) Part II—special subject Government (second year); Dip. Soc. Admin., including Overseas Option (second and 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 organisation 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.

607(a). The Machinery of Governmental Planning (Seminar).

Professor Self and Dr. G. W. Jones. Summer Term, in conjunction with Course No. 607.

For Dip. Development Admin.; M.Sc.—*Theory and Practice of Public Administration*, XIV 5; *Administration in Regional and Urban Planning*, XIII 2.

Syllabus.—The seminar will discuss the organisation of governmental planning in a number of countries developed and developing.

608. An Introduction to Administrative Theories.

Mr. Regan. Six lectures, Michaelmas Term.

For M.Sc.—*Theory and Practice of Public Administration*, XIV 5 and other graduate and undergraduate students interested.

Syllabus.—An introduction to the theoretical approach to public administration, including concepts of scientific management, organisation theories and administrative sociology. Administrative issues considered in the light of theories.

Recommended reading will be given during the course.

609. Urban and Regional Planning: Policies and Administration.

Professor Self, Professor Donnison and Mr. Regan. Fifteen lectures, followed by discussion, Lent and Summer Terms.

For M.Sc.—*Administration in Regional and Urban Planning*, XIII 2; *Housing and Town Planning*, XV 2 (iv).

Syllabus.—(a) The history and development of urban and regional planning. The evolution of public policies, legislation and government organisation.

(b) The present system of planning administration, including plan making and implementation, and central-local relations.

(c) The politics of urbanisation and of the planning process.

(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.

Lectures, Classes and Seminars

(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.

609(a). Urban and Regional Planning: Policies and Administration (Seminar).

Mr. Regan and Dr. G. W. Jones. Michaelmas Term.
For M.Sc.—*Administration in Regional and Urban Planning*, XIII 2.

610. Public Enterprise.

Professor Robson. Eight lectures, Michaelmas Term.
For M.Sc.—*Theory and Practice of Public Administration*, XIV 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. Factors determining the extent and scope of public enterprise in different countries. The principal spheres of public undertakings. The motives of State action in this sphere. The role of public enterprise in a mixed economy. The several types of institution used for administering public enterprises. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board. Comparison with joint stock companies, Government Departments, municipal corporations, etc. The theory and practice of public corporations. Mixed enterprise. International co-operation involving public enterprise. The organisation and management of public undertakings. Relations with Parliament, Ministers, the Courts, etc. Consumers and Consumer Councils. Labour Relations and Joint Consultation. Competition 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.

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*.

611. Problems of Public Enterprise (Seminar).

Professor Robson. Michaelmas Term.
For M.Sc.—*Theory and Practice of Public Administration*, XIV 5.
Undergraduates may be admitted by permission.

Politics and Public Administration

612. Public Administration (Seminar).

Professor Self, Professor Griffith, Dr. G. W. Jones and Mr. Regan. Sessional.
For M.Sc.—*Theory and Practice of Public Administration*, XIV 5.

613. The British Civil Service (Seminar).

Professor Self. Lent Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II—special subject Government (third year). The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

614. Pan-Africanism and the Foreign Relations of African States.

Mr. Panter-Brick and Mr. Mayall. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc.—*International Politics of Africa*, X 7; *Politics and Government of Africa*, XIV 6.

Syllabus.—The origin and character of the Pan-African movement and of African nationalism. 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. Attitudes towards South Africa, South-West Africa, Rhodesia, the Portuguese territories. 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*; American Society of African Culture, *Pan-Africanism Reconsidered*; Ali Mazrui, *Towards a Pax Africana*; I. W. Zartman, *International Relations in the New Africa*.

615. Comparative Politics and Administration in New States (with special reference to Africa) (Seminar).

Mr. Panter-Brick. Lent Term.
For M.Sc.—*Politics and Government of Africa*, XIV 6.

Students attending the seminar should attend the following courses:
No. 581. *Comparative Politics and Administration in New States with special reference to Africa*.
No. 867(i). *Sociology of Development*.
No. 544. *Foreign Relations of African States*.

616. Government and Politics of Nigeria (Seminar).

Mr. Panter-Brick and Mr. P. F. Dawson. Summer Term.
For M.Sc.—*International Politics of Africa*, X 7; *Politics and Government of Africa*, XIV 6.

617. Politics and Government of Scandinavia (Seminar).

Mr. G. F. D. Dawson. Fortnightly, Sessional.
For M.Sc.—*Politics and Government of an Approved Country*, XIV 6.

Students may have difficulty without at least some knowledge of one of the Scandinavian languages.

Lectures, Classes and Seminars

618. 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.

619. Russian Political Thought.

Mrs. de Kadt. Ten lectures, Lent Term.
For graduate students; open to undergraduates.

Syllabus and recommended reading will be given at the beginning of the course.

620. Russian Politics and Political Thought (Seminar).

Mr. Reddaway and Mrs. de Kadt. Fortnightly, Sessional.
For M.Sc.—*Politics and Government of an Approved Country*, XIV 6 and other graduate students.
The seminar will be concerned mainly with the syllabus for M.Sc.—*The Politics and Government of Russia*, but will also cover wider fields to accommodate other interested graduate students.

621. Problems of Contemporary Socialism (Seminar).

Dr. Miliband. Lent Term. This course will not be given in the session 1967-68.
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".

622. The History of Continental Socialist Thought.

Mr. Pickles. Fifteen lectures, Michaelmas and Lent Terms.
For graduate students; open to undergraduates.

Syllabus.—The approach to Socialism in the seventeenth and eighteenth centuries. Babeuf, Saint-Simon and Saint-Simoniens. Fourier, Considérant and the Fouriéristes. French Christian collectivism culminating in Louis Blanc; Colins. Derivative character of German Socialism; Weitling, Young Germany, Grün, Hess. Proudhon. Proletarian Socialism in France; Blanqui. Marx. The impact of Marxism in Germany, France. From Lassalle to Bernstein; phases of the revisionist controversy; Landauer. Belgium. Guesde and Jaurès in France; reformism v. revolution. Neo-socialism, Blum and the evolution of the Jaurès tradition.

Recommended reading.—T. Kirkup, *A History of Socialism*; F. Mehring, *Die deutsche Sozialdemokratie*; B. Malon, *Histoire du Socialisme*; A. Gray, *The Socialist Tradition*; G. D. H. Cole, *History of Socialism*, Vols. I and II. In preference to the many studies of individual socialist writers, read rather some of the principal works of the authors named above, especially P. Buonarroti, *Conspiration pour l'Égalité, dite de Babeuf*; *Doctrine de Saint-Simon* (Rivière edition); V. Considérant, *Manifeste de l'École Sociétaire*; J. J. L. Blanc, *Organisation du Travail*; P. J. Proudhon, *Le Principe Fédératif*; K. Marx and F. Engels, *Manifesto of the Communist Party*; E. Bernstein, *Die Voraussetzungen des Sozialismus*; D. Ligou, *Histoire du Socialisme en France 1871-1961*; G. Lefranc, *Le Mouvement Socialiste sous la Troisième République (1875-1940)*; J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Être Socialiste; A l'Échelle Humaine*.

623. Seminar.

Professor Greaves. Michaelmas and Lent Terms, on a subject to be arranged.
For graduate students.

624. The Politics of European Integration.

Mr. Pickles. Nine lectures, Michaelmas Term.
For graduate students; open to undergraduates.

438

Politics and Public Administration

Syllabus.—History and pre-history of the movement and the problems they reveal: What is Europe? Does it exist? Successive phases and the modern movement: integration through pressure of public opinion, through functional technocracy, through political pseudo-federalism, through economic quasi-federalism. Analysis and critique of the political assumptions, explicit and implicit, of each of these phases. The distribution of political power in the E.E.C.

Recommended reading.—M. C. Hollis, *Europe Unites* (for the European Movement); M. Beloff *Europe and the Europeans*; European Coal and Steel Community, Ad Hoc Assembly . . . Draft Treaty . . . European Political Community (*Draft Treaty embodying the Statute of the European Community presented to the Assembly (Document 12) 1953*); Comité Intergouvernemental créé par la Conférence de Messine, 1956, *Rapport des Chefs de Délégation aux Ministres des Affaires Étrangères*; R. Regul, *Die Montan-Gemeinschaft und das Problem der Teilintegration*; *Revue d'Economie Politique*, Jan.-Feb. 1958 (special number on the Common Market); Groupe d'Étude de l'Institut des Relations Internationales de Bruxelles, *La Communauté Européenne du Charbon et de l'Acier (Cahiers de la Fondation Nationale des Sciences Politiques, No. 41)*; J. de Soto, *La C.E.C.A.*; J. Deniau, *Le Marché Commun*; U. W. Kitzinger, *The Challenge of the Common Market*; W. Pickles, *Not with Europe; How Much Has Changed?*; Alan Campbell and Dennis Thompson, *The Law of the Common Market*; M. Camps, *Britain and the European Community, 1955-63*; *What Kind of Europe?*

625. Politics and Government of the Middle East.

Professor Kedourie. Ten lectures, Lent Term.
For graduate students and others interested in the subject.

Syllabus.—Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and The Young Turk Revolution, 1908-9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Panarabism 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. Karpas, *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).

626. Comparative Politics (Seminar).

Mr. Ionescu and Mr. Wolf-Phillips. Sessional.
The process of institutionalisation in non-parliamentary states.

627. The Government and Politics of Canada—Selected Topics (Seminar).

This course will not be given in the session 1967-68.

439

Lectures, Classes and Seminars

628. The Political Development of Latin America.

Mr. Madian. Fifteen meetings, fortnightly, Sessional.

For M.A. (Area Studies) and other graduate students by permission of Mr. Madian. Students may have difficulty unless they have a reading knowledge of Spanish or Portuguese.

Syllabus.—The course will survey the major trends in political development from the colonial period to the present. The development patterns of Argentina, Chile, Mexico, Brazil and Cuba will be analysed in an attempt to isolate key variables affecting development patterns since 1945.

629. Recent British History and Politics (Seminar).

Dr. Donoghue, Mr. Watt, Mr. Barnes and Mr. Beattie. Ten seminars, Lent Term.

Graduates may attend on recommendation of supervisors or by permission of the participating staff.

630. Nationalism in Asia and Africa.

Professor Kedourie. Ten lectures, Michaelmas Term.

For M.Sc.—*International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 7; also suitable for undergraduate students and other graduate students.

Sociological Studies

	Page
(a) Anthropology	443-9
(b) Demography	450-2
(c) Psychology	453-6
(d) Social Science and Administration	457-74
Personnel Management	466
Course for Social Workers in Mental Health	466-70
Applied Social Studies	471-4
(e) Sociology	475-88

Anthropology

Note: For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.

B.Sc. (Econ.)	pp. 178-9, 188
B.Sc. (Social Anthropology)	p. 195-7
B.A. Honours in Anthropology or B.Sc. (Special) Anthropology	p. 195
B.A./B.Sc. (Sociology)	pp. 206-9

(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.), Branches I and II (first year); B.Sc. (Econ.) Part I—alternative subject 9, *Principles and Methods of Social Anthropology*; for students taking Social Anthropology as a subsidiary or ancillary subject to a first degree; B.Sc. (Geog.) new regulations (first or second year); Dip. Soc. Anth. (first year); Dip. Soc. Admin., Overseas Option only (one 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, organisation of production, gift. Religious and magical beliefs and practices. Social stratification.

Recommended reading.—L. P. Mair, *An Introduction to Social Anthropology*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; B. Malinowski, *Argonauts of the Western Pacific*; *The Sexual Life of Savages*; *Crime and Custom in Savage Society*; *Magic, Science and Religion*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; R. Firth, *We, The Tikopia*; *Primitive Polynesian Economy*; L. P. Mair, *Primitive Government*; I. Schapera, *Government and Politics in Tribal Societies*; *Native Land Tenure in Bechuanaland Protectorate*; E. A. Hoebel, *The Law of Primitive Man*; P. H. Gulliver, *Social Control in an African Society*; M. J. Herskovits, *Economic Anthropology*; M. Gluckman, *Politics, Law and Ritual in Tribal Society*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; E. E. Evans-Pritchard, *The Nuer*; *Kinship and Marriage among the Nuer*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture*; "The Iban of Western Borneo" in G. P. Murdock (Ed.), *Social Structure in Southeast Asia*; F. R. Fortune, *Manus Religion*; E. Colson, *Marriage and Family among the Plateau Tonga of Northern Rhodesia*.

640(a). Classes.

In connection with Course No. 640.

For B.Sc. (Soc. Anth.) (first year); B.Sc. (Geog.) (first or second year).

641. Outlines of Ethnography.

Professor Schapera and other members of the Department. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Soc. Anth.) Part I; B.A./B.Sc. (Soc.) Branch II (first and second years); B.Sc. (Econ.) Part II (second year)—special subject, Social Anthropology; Dip. Soc. Anth. (first year).

Syllabus.—Ethnography and social anthropology. Development of field work methods. Survey of representative field studies. Common characteristics of simple societies. Problems of cultural and regional variation.

Lectures, Classes and Seminars

Recommended reading.—R. Firth, *Human Types*; C. D. Forde, *Habitat, Economy and Society*; Fei Hsiao-tung, *Peasant Life in China*; E. J. and J. D. Krige, *The Realm of a Rain Queen*; D. Maybury-Lewis, *Akwe-Shavante Society*; C. G. Seligmann, *The Melanians of British New Guinea* (chaps. on the Northern Massim); B. Malinowski, *Argonauts of the Western Pacific*; P. Spencer, *The Samburu*.

641(a). Classes.

In connection with Course No. 641.
For B.Sc. (Soc. Anth.) (first year).

642. Man, Race and Culture.

Dr. Benedict. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) new regulations (first or second year); for students taking Social Anthropology as a subsidiary or ancillary subject to a first degree.

Syllabus.—An outline of human evolution in the context of the study of animal (especially primate) social behaviour. The nature, origin and development of culture. The significance of racial differences. Introduction to human ecology.

Recommended reading.—S. L. Washburn (Ed.), *The Social Life of Early Man*; G. A. Harrison, J. S. Weiner, J. M. Tanner and N. A. Barnicot, *Human Biology*; W. C. Boyd and I. Asimov, *Races and People*; UNESCO, *The Race Question in Modern Science*; N. Tinbergen, *Social Behaviour in Animals*; I. de Vore (Ed.), *Primate Behavior*; G. G. Simpson, *The Meaning of Evolution*; Sol Tax (Ed.), *Horizons of Anthropology*; A. Leeds and A. P. Vayda (Eds.), *Man, Culture and Animals*; A. L. Kroeber and C. K. M. Kluckhohn, *Culture: A Review of Concepts and Definitions*; V. Gordon Childe, *Man Makes Himself; What Happened in History*; R. Redfield, *The Primitive World and its Transformations*; L. A. White, *The Science of Culture*; B. Malinowski, *A Scientific Theory of Culture*.

Further reading will be given during the course.

642(a). Classes will be arranged in connection with Course No. 642.

For B.Sc. (Soc. Anth.) and B.Sc. (Geog.) (first or second year).

643. Family and Kinship.

Dr. Woodburn. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II; B.A. (Anth.); B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II (second and third years)—special subject Social Anthropology; Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus.—The analysis of institutions of kinship, marriage and the family.

Recommended reading.—M. Banton (Ed.), *The Relevance of Models for Social Anthropology*; 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); R. F. Gray and P. H. Gulliver (Eds.), *The Family Estate in Africa*; G. Homans and D. M. Schneider, *Marriage, Authority and Final Causes*; E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *Les Structures Élémentaires de la Parenté; Structural Anthropology*; G. P. Murdock, *Social Structure*; G. P. Murdock (Ed.), *Social Structure in Southeast Asia*; R. Needham, *Structure and Sentiment*; A. Phillips (Ed.), *Survey of African Marriage and Family Life*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; I. Schapera (Ed.), *Studies in Kinship and Marriage*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*.

Further reading will be given during the course.

643(a). Classes.

In connection with Course No. 643.
For B.Sc. (Soc. Anth.) (second year).

Anthropology

644(i). Political Institutions.

Professor Schapera. Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part II; B.A. (Anth.) (third year); B.A./B.Sc. (Soc.), Branch II (second year); B.Sc. (Econ.) Part II—special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus.—Political communities; modes of political organisation. Social control: persuasive and coercive mechanisms. Governments and their activities. Composition and work of tribal courts. Relations between rulers and subjects.

Recommended 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*; 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. de Ortiz. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part II; B.A. (Anth.) (second year); B.A./B.Sc. (Soc.), Branch II; B.Sc. (Econ.) Part II—special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus.—The aim of these lectures is to give an anthropological analysis of the economic systems of primitive and peasant societies. The reaction of these systems to Western and industrial influences will also be examined. Topics discussed will include: economic relations as part of social relations; economics and ritual; economic structure and political structure; land tenure; trade, exchange and markets; the transition from subsistence to cash economies; systems of saving and credit.

Recommended reading.—R. Firth, *Economics of the New Zealand Maori*; L. Pospisil, *Kapauku, Papuan Economy*; G. Dalton, "Primitive Money" (*American Anthropologist*, Vol. 67, 1965); M. Mauss, *The Gift*; P. Bohannon, "Tiv Exchange and Investment" (*American Anthropologist*, Vol. 57, 1955); C. S. Belshaw, *Traditional Exchange and Modern Markets*; R. F. Salisbury, *From Stone to Steel*; R. Firth, *Malay Fishermen: their Peasant Economy*; R. Firth and B. S. Yamey, *Capital, Saving and Credit in Peasant Societies*; R. Firth, "Money, Work and Social Change in Indo-Pacific Economic Systems" (*International Social Science Bulletin*, 6, 1954); T. S. Epstein, *Economic Development and Social Change in South India*; C. S. Belshaw, *Under the Ivi Tree*; M. Nash, *Primitive and Peasant Economic Systems*.

644(a). Classes.

In connection with Course No. 644 for B.Sc. (Soc. Anth.) (second year).

645. Magic, Religion and Morals.

Professor Freedman. Twenty lectures.

This course will not be given in the session 1967–68; it will be given in the session 1968–69.

Syllabus.—Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism; ancestor worship. Religion and the structure of society. Religion and morals.

Recommended reading.—M. Banton (Ed.), *Anthropological Approaches to the Study of Religion*; T. A. Sebeok, *Myth: A Symposium*; C. Lévi-Strauss, *Totemism; La pensée sauvage*; B. Malinowski, *Magic, Science and Religion*; A. R. Radcliffe-Brown, *The Andaman Islanders; Structure and*

Lectures, Classes and Seminars

Function in Primitive Society; F. Steiner, *Taboo*; 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*; C. D. Forde (Ed.), *African Worlds*; R. Firth, *Essays on Social Organization and Values*; M. Ginsberg, *On the Diversity of Morals*; M. Gluckman, *Politics, Law and Ritual in Tribal Societies*.

646. History of Social Anthropology.

Dr. H. S. Morris. Ten lectures.

This course will not be given in the session 1967-68; it will be given in the session 1968-69.

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.

Recommended reading.—R. H. Lowie, *The History of Ethnological 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.

647. Current Trends in Economic Anthropology and the Study of Ritual.

Professor Firth. Eight lectures, Michaelmas Term.

For B.A. (Anth.) (third year); B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II (second and third years)—special subject Social Anthropology; Dip Soc. Anth. Also recommended for graduate students.

Syllabus.—A critical appreciation of theories and methods, aims and achievements in recent anthropological studies of economic, ritual and religious institutions.

Recommended reading.—(a) Economic Anthropology: W. Y. Adams, *Shonto: A Study of the Role of the Trader in a Modern Navaho Community* (Bureau Amer. Ethnol. Bull. 188); Association of Social Anthropologists, *Themes in Economic Anthropology*; F. Barth, *The Role of the Entrepreneur in Social Change in Northern Norway*; C. S. Belshaw, *Under the Ivi Tree: Society and Economic Growth in Rural Fiji*; *Traditional Exchange and Modern Markets*; F. Cancian, *Economics and Prestige in a Maya Community*; S. Epstein, *Economic Development and Social Change in South India*; R. Firth and B. S. Yamey, *Capital, Saving and Credit in Peasant Societies*; C. Geertz, *Peddlers and Princes: Social Development and Economic Change in Two Indonesian Towns*; M. Nash, *Primitive and Peasant Economic Systems*; R. F. Salisbury, *From Stone to Steel*. (b) Ritual: Association of Social Anthropologists, *Anthropological Approaches to the Study of Religion*; Mary Douglas, *Purity and Danger*; E. E. Evans-Pritchard, *Theories of Primitive Religion*; R. Firth, *The Work of the Gods in Tikopia*; *Tikopia Ritual and Belief*; M. Gluckman (Ed.), *Essays on the Ritual of Social Relations*; V. Lanternari, *The Religions of the Oppressed*; P. Lawrence, *Road Belong Cargo*.

Further reading will be given during the course.

648. Social Anthropology (Classes).

Sessional.

For B.A. (Anth.); 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; Dip. Soc. Anth.

Anthropology

(ii) Regional

649(i). Ethnography of South Africa.

Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.

For B.A. (Anth.) (third year); 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: Southern Africa); students taking Social Anthropology (Southern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal mainly with the traditional systems of social and political organisation among the Bushmen, Bergdama, Hottentots and Bantu (Nguni, Tsonga, Venda and Sotho groups).

Recommended reading.—Introductory: I. Schapera, *The Khoisan Peoples of South Africa*; *Government and Politics in Tribal Societies*; I. Schapera (Ed.), *The Bantu-Speaking Tribes of South Africa*.

Supplementary: E. H. Ashton, *The Basuto*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems* (chaps. on Zulu and Ngwato); M. Hunter, *Reaction to Conquest*; E. J. and J. D. Krige, *The Realm of a Rain Queen*; H. Kuper, *An African Aristocracy*; H. Kuper, *The Swazi*; A. R. Radcliffe-Brown and D. Forde (Eds.), *African Systems of Kinship and Marriage* (chaps. on Swazi, Tswana, Zulu); I. Schapera, *The Tswana*.

649(ii). Ethnography of Melanesia with special reference to New Guinea.

Mr. Forge. Twenty lectures, Michaelmas and Lent Terms.

For B.A. (Anth.) (third year); 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.; students taking Social Anthropology (Melanesia) as part of a subsidiary or two-year ancillary subject to a first degree.

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.

Recommended reading.—D. L. Oliver, *A Solomon Island Society*; M. Mead, *The Mountain Arapesh*; *Growing up in New Guinea*; R. F. Fortune, *Manus Religion*; *Sorcerers of Dobu*; H. I. Hogbin, *Transformation Scene*; *Kinship and Marriage in a New Guinea Village*; *Experiments in Civilisation*; *A Guadalcanal Society*; B. Malinowski, *Argonauts of the Western Pacific*; *Coral Gardens and their Magic*, Vol. I; *The Sexual Life of Savages*; F. E. Williams, *Orokaiva Society*; *Drama of Oroko*; C. S. Belshaw, *Changing Melanesia*; *The Great Village*; P. M. Worsley, *The Trumpet Shall Sound*; G. Landtman, *The Kiwai Papuans of British New Guinea*; G. J. Held, *The Papuas of Waropen*; L. Pospisil, *The Kapauku Papuans*; G. Bateson, *Naven*; K. O. L. Burridge, *Mambu*; P. Lawrence, *Land Tenure Among the Garia*; *Road Belong Cargo*; M. O. Reay, *The Kuma*; H. C. Brookfield and P. Brown, *The Struggle for Land*; R. F. Salisbury, *From Stone to Steel*; "New Guinea: The Central Highlands" (*American Anthropologist*, Vol. 66, No. 4, Part 2). Students should also consult *Oceania*.

(iii) Applied

650. Social Implications of Technological Change.

Dr. Benedict. Ten lectures, Michaelmas Term.

For B.A. (Anth.) (third year); B.Sc. (Econ.) Part II (second and third years)—*Social Aspects of Political and Economic Development*, VI 8k; XIII 2b; optional for B.Sc. (Soc.) Branch III, 7b (third year); Special Course for Overseas Administrators; Dip. Soc. Admin., Overseas Option only (second year and one-year); Dip. Soc. Anth. (second year).

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.

Lectures, Classes and Seminars

Recommended reading.—R. P. Dore, *City Life in Japan* (Section III); F. G. Bailey, *Caste and the Economic Frontier*; I. Schapera, *Christianity and the Tswana*; L. P. Mair, *Studies in Applied Anthropology*; *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*; B. Benedict, "Education Without Opportunity" (*Human Relations*, Vol. XI, No. 4, 1958); 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.

Dr. Benedict. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year)—*Social Aspects of Political and Economic Development*, VI 8k; XIII 2b; Dip. Soc. Admin., Overseas Option only (second year).

Syllabus.—This course deals with the social problems arising from technological change and development in such fields as public health, nutrition, agricultural extension, education, labour relations, community development and social welfare.

Recommended reading will be given during the course.

651(b). Applied Anthropology and Social Development in Low-Income Countries.

Mr. Forge. Twenty classes, Michaelmas and Lent Terms.

For Dip. Soc. Admin., Overseas Option only (one year).

(iv) Special

652. Themes in Tikopia Religion.

Professor Firth. Six lectures, Lent Term.

653. Witchcraft Beliefs and Accusations.

Professor Mair. Four lectures, Michaelmas Term.

654. The Analysis of Culture in American Anthropology.

Professor Sharp. Six lectures, Michaelmas Term.

FOR GRADUATE STUDENTS

655. Seminar on Anthropological Theory.

Professor Firth. Sessional. For senior graduate students. Admission only by permission of Professor Firth. This seminar is not open to students taking qualifying examinations.

656. Seminar on Current Anthropological Themes.

Professor Freedman and Dr. de Ortiz. Fortnightly, Michaelmas and Lent Terms. For graduate students taking qualifying examinations.

657. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).

Professor Freedman and Professor Schapera. Sessional. For graduate students of Anthropology and Sociology.

658. Seminar on Field Methods.

Dr. H. S. Morris and Dr. Woodburn. Fortnightly, Lent and Summer Terms. For graduate students preparing for field work.

Anthropology

659. Regional Seminars.

Seminars on the anthropological study of (i) South-East Asia, (ii) Melanesia, (iii) Africa and (iv) China may be arranged.

660. Graduates' Class.

For graduate students taking qualifying examinations.

Reference should also be made to the following course:

No. 714.—**Language and Society (Seminar).**

Demography

680. Introduction to Demography.

Mr. Carrier. Eighteen lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Demography II*, X 6 and 7b; XI 5, 6 and 7h (second year); M.Sc.—*Demography II*, II 2; *Demography III*, XIX 11; *Social Statistics*, XIX 5.

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*; A. J. Jaffe, *Handbook of Statistical Methods for Demographers* (1951, U.S.A. Government Publications); 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 specialised interest will be given in the lectures.

681. Mathematics of Population Growth.

Mr. Carrier. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Demography II*, X 6 and 7b; XI 5, 6 and 7h (third year); M.Sc.—*Demography III*, XIX 11; optional for M.Sc.—*Demography II*, II 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.

Syllabus.—A study of certain aspects of stationary and stable populations with practical applications. Application of Matrix Algebra.

Recommended reading.—A. J. Lotka, *Analyse Démographique*; 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 (Second Year).

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.) new regulations (first or second year); M.Sc.—*Demography I*, II 1; XVIII 10.

Demography

Syllabus.—Sources and reliability of population statistics. The life table and its applications. Elements of standardisation. 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, *Elements of Vital Statistics*; General Register Office, *Matters of Life and Death*; *Census of England and Wales, 1951, General Report*; *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 (Third Year).

Mr. Hajnal and Dr. Thapar. Ten hours, Lent Term.

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.) new regulations (first or second year).

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 7h (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10e and Branch II, 10b (second year); B.Sc. (Geog.) new regulations (first or second year); M.Sc.—*Demography I*, II 1; XVIII 10. 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 7h (third year); M.Sc.—*Demography III*, XIX 11; optional for M.Sc.—*Demography II*, II 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 7h (third year); M.Sc.—*Demography III*, XIX 11.

FOR GRADUATE STUDENTS

687. The Collection and Analysis of Demographic Data on Underdeveloped Countries.

Lecturer to be announced. Thirty lectures and twenty classes, Sessional.

Michaelmas Term: For M.Sc.—*Demography I*, II 1; XVIII 10.

Lent and Summer Terms: For M.Sc.—*Demography II*, II 2.

Lectures, Classes and Seminars

Syllabus.—The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organisation. 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*.

688. The Detection and Reduction of Errors in Demographic Data.

Mr. Carrier and others. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.
For M.Sc.—*Demography II*, II 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.

689. Population Trends and Policies (Seminar).

Professor Glass and others. Fortnightly, Sessional.
For M.Sc.—*Demography I*, II 1; XVIII 10.

Syllabus.—Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

690. Design and Analysis of Investigations relating to Fertility and Birth Control.

Professor Glass, Mr. Langford, Dr. Thapar and others. Fortnightly, Lent and Summer Terms.
For M.Sc.—*Demography I*, II 1; XVIII 10.

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.

Psychology

700. General Introduction to Psychology.

Dr. A. P. Sealy and Mrs. Geber. Twenty-two lectures, Sessional.

For B.A./B.Sc. (Soc.) Branches I 5, II 10a, III (first year); Dip. Soc. Admin. incl. Overseas Option (first year and one-year); B.Sc. (Econ.) Part I—alternative subject 10, *Introduction to Psychology*. Selected lectures for B.Sc. (Econ.) Part II—*Psychology*, IX 8b (second year).

Syllabus.—The genetic, biological and cultural origins of behaviour are described, followed by an examination of learned and unlearned patterns of behaviour in man and animals.

The development by the individual of stability in the representation of the environment through the processes of learning and perception.

Consideration will be given to the special problems arising from the development of language systems of categorisation, and from processes of internalisation. Attention will be paid to the development of a concept of the self, the differentiation of the personality, the interaction between individuals in small groups and the formation of attitudes and value systems. This will lead to a brief discussion of the effects of social and cultural variables on individual behaviour.

Recommended reading.—N. L. Munn, *Fundamentals of Human Adjustment*; E. R. Hilgard, *Introduction to Psychology*; C. L. Morgan, *Introduction to Psychology*; J. Whittaker, *Introduction to Psychology*; D. O. Hebb, *Textbook of Psychology*; D. E. Broadbent, *Behaviour*; O. L. Zangwill, *Introduction to Psychology*; M. D. Vernon, *Perception*; R. L. Gregory, *The Eye and the Brain*; I. M. L. Hunter, *Memory*; F. C. Bartlett, *Remembering; Thinking*; C. Hall, *Primer of Freudian Psychology*; E. H. Erikson, *Childhood and Society*; G. H. George, *Cognition*; W. Slukin, *Imprinting*; H. W. Maier, *Three Theories of Child Development*; P. H. Mussen, J. Kagan and J. J. Conger, *Child Development and Personality; Readings in Child Development and Personality*; D. Krech and R. S. Crutchfield, *Individual in Society; Elements of Psychology*; M. Argyle, *The Scientific Study of Human Behaviour*; R. Brown, *Social Psychology*; J. H. Flavell, *The Development Theories of Jean Piaget*; S. Freud, *New Introductory Lectures*.

701. Psychoanalytic Theory.

Mr. Hotopf. Eight lectures, Lent Term.

Optional for B.A./B.Sc. (Soc.), Branch I, 5 and Branch II, 10a (first year); Dip. Soc. Admin., incl. Overseas Option (second year). Optional for B.Sc. (Econ.) Part I—alternative subject 10, *Introduction to Psychology*; B.Sc. (Econ.) Part II—*Psychology*, IX 8b (second year); Dip. Soc. Admin., incl. Overseas Option (one-year).

Recommended reading will be given during the course.

702. Methods and Measurements in Psychology.

Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I—alternative subject 10, *Introduction to Psychology*; B.Sc. (Econ.) Part II—*Psychology*, IX 8b (second year); B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (first year); B.Sc. (Soc.) Branch III (second year); Dip. Soc. Admin., incl. Overseas Option (second year and optional for one year).

Syllabus.—(a) Methods: the role of experimentation and measurement in psychological theory. Methods of research in psychology: experimental, clinical and survey methods; animal studies. Idiographic and nomothetic approaches.

(b) Psychological measurement: the assessment and measurement of psychological attributes: intelligence, creativity, personality, attitudes. The nature of intelligence and personality: theories and operational definitions. Classification and review of psychological tests. Criteria for evaluating tests; reliability and validity. Factors influencing test scores: heredity and environment: social context, transitory physiological and psychological states.

Description and evaluation of selected tests. Practical introduction to selected tests.

Lectures, Classes and Seminars

Recommended reading.—R. Hyman, *The Nature of Psychological Inquiry*; L. Tyler, *Tests and Measurements*; P. Vernon, *The Structure of Human Abilities*; L. J. Cronbach, *Essentials of Psychological Testing*; P. Vernon, *Personality Assessment: A Critical Review*; A. Anastasi and J. P. Foley, *Differential Psychology*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; L. Festinger and D. Katz, *Research Methods in the Behavioural Sciences*, Part I.

703. General Course in Social Psychology.

Dr. Oppenheim and Mr. A. D. Jones. Twenty lectures, Sessional.

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 determinants of perception; perception of people.

The process of judgment formation.

Socialisation: theories of social learning and reference group behaviour. Interpersonal relations in the family, peer group, in school and at work. The psychology of social class membership. The concepts of role and status.

Formation of attitudes and values: stereotypes; prejudice; the development of a self concept. Political attitudes.

Factors involved in attitude change: laboratory and field studies. The role of education, propaganda, the mass media. Advertising research. Innovation and social change.

The individual and the group; multiple group membership. The functioning of groups: experimental and field studies. Situational and personality dimensions of formal and informal leadership.

Selected topics in social psychology: communication research; national character; leadership, industrial relations.

Recommended reading.—GENERAL TEXTBOOKS: D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society*; T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three edns.); E. P. Hollander and R. G. Hunt (Eds.), *Current Perspectives in Social Psychology*; G. Lindzey, *Handbook of Social Psychology* (selected chaps.); R. Brown, *Social Psychology*; P. F. Secord and C. W. Backman, *Social Psychology*; T. M. Newcomb, R. Turner and Converse, *Social Psychology*.

OTHER BOOKS: R. K. Merton et al. (Eds.), *Sociology Today: Problems and Prospects*; G. C. Homans, *Social Behaviour*; T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; G. W. Allport, *The Nature of Prejudice*; C. I. Hovland and others, *Communication and Persuasion*; D. Cartwright and A. Zander (Eds.), *Group Dynamics: Research and Theory* (revised edn.); H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; W. Schramm, *The Process and Effects of Mass Communication*; J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society*.

704. Language and Thought.

Mr. Hotopf. Seven lectures, Michaelmas Term.

For M.Sc.—*Psychology of Language*, XVII 3 (ii). 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. Five lectures, Lent Term.

For M.Sc.—*Communication, Attitude Change and Innovation*, XVII 3 (vi); *Social Psychology of Education and Work*, XVII 3 (vii). Optional for B.A./B.Sc. (Soc.) (third year).

Psychology

706. Industrial Psychology.

Mr. Holmes. Ten lectures and ten classes, Michaelmas Term.

For M.Sc.—*Operational Research Methods*, XI 4i.

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 organisational 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.

707. Psychology Classes.

Fortnightly, 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).

708. Social Psychology Classes.

Michaelmas and Lent Terms.

(a) For B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a and for B.Sc. (Econ.) Part II—*Psychology*, IX 8b (second year).

(b) For B.Sc. (Econ.) Part II—*Psychology*, IX 8b (third year) and for B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (third year).

709. Social Psychology (Class).

Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II, 3d (second year).

FOR GRADUATE STUDENTS

710. Selected Issues in Social Psychology (Seminar).

Professor Himmelweit. Fortnightly, Sessional.

For M.Sc.—*Theories and Concepts of Social Psychology*, XVII 1.

711. Theories and Concepts in Social Psychology (Seminar).

(i) **Socialisation and the Development of Attitudes.**

Dr. Oppenheim, Michaelmas Term.

(ii) **Role, Self and Interpersonal Perception.**

Mr. Hotopf and Mrs. Geber. Michaelmas Term.

For M.Sc.—*Theories and Methods of Social Psychology*, XVII 1.

712. Communication, Attitude Change and Innovation (Seminar).

Mr. Fishbein. Lent and Summer Terms.

For M.Sc.—*Communication, Attitude Change and Innovation*, XVII 3 (vi) and other graduate students.

713. Language, Thought and Communication (Seminar).

Mr. Hotopf. Lent and Summer Terms.

For M.Sc.—*Psychology of Language*, XVII 3 (ii).

Lectures, Classes and Seminars

714. Language and Society (Seminar).

Mr. Hotopf, Dr. Denison and Professor M. Freedman. Summer Term.

For M.Sc.—*Psychology of Language*, XVII 3 (ii) and other graduate students. Admission will be by permission of the teachers concerned.

715. Research Problems (Seminar).

Professor Himmelweit and other members of the Department.

For M.Sc.—*Social Psychological Methods of Research*, XVII 2.

716. Social Psychology of Industrial and other Organisations.

(i) Mr. Holmes. Eight lectures, Michaelmas Term.

(ii) Mr. A. D. Jones. Seminar, Lent and Summer Terms.

For M.Sc.—*Social Psychology of Industrial and Other Organisations*, XVII 3 (iv).

717. Personality and Child Development (Seminar).

Dr. A. P. Sealy. Lent and Summer Terms.

For M.Sc.—*Personality and Child Development*, XVII 3 (i).

718. Groups and Group Functions (Seminar).

For M.Sc.—*Groups and Group Functioning*, XVII 3 (iii).

719. Social Psychology of Education and Work.

Professor Himmelweit and Dr. A. P. Sealy. Lent and Summer Terms.

For M.Sc.—*Social Psychology of Education and Work*, XVII 3 (vii).

Note: Students are also referred to courses on Psychology listed in the section on Social Science and Administration.

Social Science and Administration

720. Development of Social Administration.

Professor Donnison. 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.A. (Geog.) (first year)—subsidiary subject Sociology or two-year ancillary subject to a first degree.

Syllabus.—An introduction (7 lectures) to the subject of Social Administration, and the main fields it deals with—income redistribution, education, the housing market, medical care and the personal social services—followed by a historical survey (14 lectures) of the development of social services in Britain since 1830, and a concluding discussion (4 lectures) 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. Woodroffe, *From Charity to Social Work*; R. M. Titmuss, *Problems of Social Policy and 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.

720(a). Development of Social Administration (Classes).

Fortnightly, in connection with Course No. 720.

721. Social Policy.

Professor Titmuss. Ten lectures, Michaelmas 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., incl. Overseas Option (second year and one-year); B.A. (Geog.) (second year)—subsidiary subject Sociology or two-year ancillary subject to a first degree.

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.—M. 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, *Income Distribution and Social Change*; 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*.

721(a). Social Policy (Classes).

Fortnightly, in connection with Course No. 721.

722. Sociology of Medical Care.

Professor Titmuss. 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., incl. Overseas Option (second year and one-year).

Lectures, Classes and Seminars

Syllabus.—The meaning of health and disease. The concept of prevention. The relationship between developments in medical care and trends in national health. The evolution of ideas in systems of medical care. The role of the doctor in society. The doctor-patient relationship. The influence of culture. The impact of science on medicine. Specialisation and the division of labour in the organisation of medical care. Economic aspects of medical care.

Recommended reading.—H. E. Sigerist, *Civilisation and Disease*; R. M. Titmuss, *Birth, Poverty and Wealth*; E. Simon, *English Sanitary Institutions; Annual Reports of the Ministry of Health; A National Health Service* (B.P.P. 1943-44, Vol. VIII, Cmd. 6502); Lyle Saunders, *Cultural Difference and Medical Care*; H. Eckstein, *The English Health Service*; J. M. Mackintosh, *Trends of Opinion about the Public Health, 1901-51*; B. Abel-Smith and R. M. Titmuss, *The Cost of the National Health Service; Report of the Committee of Enquiry into the Cost of the National Health Service (Guillebaud Report)*, Cmnd. 9663; E. Gartly Jaco, *Patients, Physicians and Illness*; A. Lindsey, *Socialized Medicine in England and Wales: The National Health Service, 1948-1961*; R. M. Titmuss et al., *The Health Services of Tanganyika: a Report to the Government*; B. Abel-Smith, *The Hospitals, 1800-1948*; J. Enoch Powell, *A New Look at Medicine and Politics*; R. Stevens, *Medical Practice in Modern England*.

723. Aspects of Social Policy.

Members of the Department. Twenty-five lectures, Sessional.

For Dip. Soc. Admin. (second year and one-year); optional for B.Sc. (Soc.) Branch III, 4 (second and third years).

The lectures will deal with topics such as: old age, local health and welfare services, child care, social problems of employment, the mental health services, the voluntary services and current research on aspects of social policy.

724. British Social Policy and Administration (Classes).

Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III, 4 (third year).

725. Evolution of Community Development.

Mr. Hodge. Six lectures, Michaelmas Term.

For Dip. Soc. Admin., Overseas Option only (first year and one-year); M.Sc.—*Community Development*, XV 2(v); optional for Dip. Development Admin.

Syllabus.—Terminology and definitions; the concept of non-terminal process; community development theory. The British contribution: the origins of policy and practice in community education, and the work of the missions and churches. The American contribution: the concept of extension. The Indian contribution: the concept of the Block and the Block Team of specialist officers; the evolution of the front-line, generalist worker at village level as agent of the extension team. Community development as an international movement. Community development in Ghana, a case-study.

Recommended reading.—W. W. Biddle with L. J. Biddle, *The Community Development Process*; T. R. Batten, *Communities and their Development*; Central Office of Information, *Community Development: The British Contribution*; F. C. Swezey and J. J. Honigmann, *American Origins of Community Development (International Review of Community Development, No. 10, 1962)*; Government of India, *Evolution of Community Development Programme in India*; U.N. Bureau of Social Affairs, *Social Progress through Community Development (1955)*; Carl C. Taylor et al., *India's Roots of Democracy*; P. du Sautoy, *Community Development in Ghana*.

Journals: *International Review of Community Development*; *The Community Development Journal*.

726. Community Development Methods.

Mr. Hodge. Six lectures, Lent Term.

For Dip. Soc. Admin., incl. Overseas Option (second year and Overseas Option only, one-year); optional for M.Sc.—*Community Development*, XV 2 (v); optional for Dip. Development Admin.

Social Science and Administration

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 Human Factor in Community Work*; T. R. Batten, *Training for Community Development*; R. P. Lynton, *The Tide of Learning: the Aloka Experience*; U.N., *Community Development in Urban Areas* (Report by the Secretary-General, 1961); Clarence King, *Working with People in Small Communities*; W. H. Goodenough, *Cooperation in Change: an Anthropological Approach to Community Development*; U.N., *Report of the European Seminar on Training for Community Development* (Athens, 1961 (SOA/ESWP/1961/2)).

Journals: *International Review of Community Development*; *The Community Development Journal*; *Human Organization*; *Ekistics*.

727. Community Organisation.

Mr. Hodge. Seven lectures, Michaelmas Term.

For Dip. Soc. Admin., Overseas Option only (second year and one-year); optional for Dip. Development Admin.

Syllabus.—Community Organisation process in social work; the concept of community participation; values in community organisation; practice: the focus upon a geographical base, the focus upon relationships; community organisation and physical planning; the tools of community organisation: groups, committees, records; training for community organisation.

Recommended reading.—M. G. Ross, *Community Organization, Theory and Principles*; 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*; Jane Jacobs, *The Death and Life of Great American Cities*; M. B. Clinard, *Slums and Community Development*.

728. Social Policy in Developing Countries.

Mr. Hodge, Mrs. Hardiman and others.

(a) Classes.

For Dip. Development Admin.; Dip. Soc. Admin. (first year); Overseas Option only (one-year).

(b) Seminar.

Sessional.

For Dip. Soc. Admin., Overseas Option only (second and one-year). Optional for B.Sc. (Soc.) Branch III 7b (third year).

729. Introduction to Social Work.

For Dip. Soc. Admin. (first year and incl. overseas option, one-year).

(a) Community Work.

Miss Booker. Four lectures, Lent Term.

(b) Group Work.

Miss Matthews. Three lectures, Lent Term.

(c) Case Work.

Miss Butrym. Three lectures, Lent Term.

Lectures, Classes and Seminars

730. Aspects of Social Work.

Various lecturers. Ten lectures, Lent Term.
For Dip. Soc. Admin. (first year and incl. overseas option, one-year).

731. Social History.

Professor McGregor. Sessional. At Bedford College.
For B.Sc. (Soc.) Branch III, 1 (first year).

731(a). Social History (Classes).

Sessional, in connection with Course No. 731.

732. British Social History (Seminar).

Professor McGregor. Sessional. At Bedford College.
For B.Sc. (Soc.) Branch III, 1 (first year).
A syllabus and recommended reading will be given during the course.

733. Elements of Government.

Dr. Burton. Eight lectures, Lent and Summer Terms. At Bedford College.
For B.Sc. (Soc.) Branch III, 2 (first year).

Syllabus.—The context in which government operates; central and local administration.

Recommended reading.—W. J. M. Mackenzie and J. W. Grove, *Central Administration in Britain*; J. P. Mackintosh, *The British Cabinet*; W. E. Jackson, *Local Government in England and Wales*; L. S. Amery, *Thoughts on the Constitution*; H. Morrison, *Government and Parliament*; Eric Taylor, *The House of Commons at Work*; P. Archer, *The Queen's Courts*.

733(a). Elements of Government (Classes).

Fortnightly, Sessional.
For B.Sc. (Soc.) Branch III, 2 (first year).

734. 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*.

734(a). British Political, Administrative and Legal Institutions (Classes).

Fortnightly, Sessional, in connection with Course No. 734.

Social Science and Administration

735. British Political, Administrative and Legal Institutions (Seminar).

Professor Griffith.
For B.Sc. (Soc.) Branch III, 2 (third year).

A syllabus and recommended reading will be given during the course.

736. 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 judgements. 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*.

736(a). Ethics and Social Philosophy (Classes).

Sessional, in connection with Course No. 736.

737. 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, 7(d) (third year).

A syllabus and recommended reading will be given during the course.

737(a). The Family in Law and in Society (Classes)

At Bedford College, in connection with Course No. 737.

738. Introduction to Economic Theory.

This course will not be given during the session 1967–68.

739. The Financing of the Social Services.

Mr. B. P. Davies. 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.—The tax system and its social implications; the rationale of the National Insurance Fund; historical trends in the costs of social services; the effects of population change; the use made of social services by different income groups; the problems of allocating money to different services; the effects of systems of local government finance on expenditure patterns.

Recommended reading.—*National Income and Expenditure*, 1967; Economic Trends, No. 154, August, 1966; B. Abel-Smith, "Social Security" in M. Ginsberg (Ed.), *Law and Opinion in the Twentieth Century*; A. T. Peacock, *The Economics of National Insurance*; JEBS, *Personal Taxation* (Fabian Society, 1966); Labour Party, *National Superannuation* (1956); A. Seldon, *Pensions in a Free Society* (I.E.A., 1957); W. Hagenbuch, *Social Economics*; D. S. Lees, *Health through Choice* (I.E.A., 1961); A. Peacock and J. Wiseman, *Education for Democrats*; Tony Lynes,

Lectures, Classes and Seminars

Pension Rights and Wrongs (Fabian Society, 1963); A. Peacock, "Political Economy of Social Welfare" (*Three Banks Review*, Dec., 1964); B. Abel-Smith, *Freedom in the Welfare State* (Fabian Society, 1964); R. H. Cassen and S. D. Gervasi, "Social Priorities and Economic Policy" (*Political Quarterly*, 1964).

740. Social Economics: Public Finance.

Professor Ilersic. Ten lectures, Michaelmas 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).

(b) Weekly, Sessional.
For Dip. Soc. Admin., Overseas Option (second year and one-year).

(c) Fortnightly, Michaelmas and Lent Terms.
For B.Sc. (Soc.), Branch III, 3 (first, second and third years).

742. Personality and Abnormal Psychology.

Mr. Gwynne Jones. Six lectures, Lent Term.
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.—H. G. Jones and H. L. Freeman, *Progress in Mental Health* (Office of Health Economics pamphlet, 1966); D. Stafford-Clark, *Psychiatry Today* (Penguin); H. J. Eysenck, *Fact and Fiction in Psychology* (Penguin); D. Stafford-Clark, *Psychiatry for Students*; A. D. B. Clarke, *Recent Advances in the Study of Subnormality* (N.A.M.H., 1966); C. Hall and G. Lindzey, *Theories of Personality*; B. Semeonoff, *Personality Assessment* (Penguin).

743. Psychology in Social Administration.

Mr. Plowman. Five lectures, Summer Term.
For Dip. Soc. Admin., incl. Overseas Option (second year and one-year); B.Sc. (Soc.) Branch III (second year).

A syllabus and recommended reading will be given during the course.

744. Psychology (Classes).

(a) Fortnightly, Sessional.
For B.Sc. (Soc.), Branch III (first and second years).

(b) Fortnightly, Sessional.
For Dip. Soc. Admin. (first year, second year and one-year), incl. Overseas Option (second year and one-year).

Social Science and Administration

745. Social Structure (Classes).

(a) Fortnightly, Sessional.
For Dip. Soc. Admin. (second and one-year).

(b) Weekly, Lent and Summer Terms.
For Dip. Soc. Admin., Overseas Option (second year and one-year).

(c) Fortnightly, Sessional.
For B.Sc. (Soc.), Branch III, 6 (first, second and third years).

746. Seminars in Social Administration.

Lecturers to be announced. Sessional.
For B.Sc. (Soc.), Branch III (first, second and third years).

FOR GRADUATE STUDENTS

M.Sc.—SOCIAL ADMINISTRATION AND SOCIAL WORK STUDIES

747. Social Policy and Administration (Seminar).

Professor Titmuss.
For M.Sc.—*Social Policy and Administration*, XV 1; other students may attend only with the consent of the lecturer.

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 uses and applicability of welfare models. The effects of industrialisation, the division of labour and technological change.

The contributions made by political, professional, administrative 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.

Recommended reading.—M. Bruce, *The Coming of the Welfare State*; D. V. Donnison and others, *Social Policy and Administration*; T. H. Marshall, *Social Policy*; S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; 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*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; K. M. Slack, *Social Administration and the Citizen*; E. Burns, *Social Security and Public Policy*.

748. Medical Care (Seminar).

Lecturer to be announced.
For M.Sc.—*Medical Care*, XV 2 (i); other students may attend only with the consent of the lecturer.

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; man-power 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

Lectures, Classes and Seminars

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*.

749. Social Security (Seminar).

Lecturer to be announced.

For M.Sc.—*Social Security*, XV 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* (Cmd. 538, 1958); T. Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Seldon, *Pensions in a Free Society*.

750. Welfare Services (Seminar).

Miss Slack.

For M.Sc.—*Welfare Services*, XV 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*; Julia Parker, *Local Health and Welfare Services*; T. H. Marshall, *Social Policy*; M. P. Hall, *The Social Services of Modern England* (6th edn.); D. Paige and K. Jones (National Institute of Economic and Social Research), *Health and Welfare Services in Britain in 1975*; 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*

Social Science and Administration

Deficiency, 1954–57 (Cmd. 1169); 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 Cross Road*, chap. 16.

751. Housing and Town Planning (Seminar).

Miss Nevitt and others. Michaelmas and Lent Terms.

For M.Sc.—*Housing and Town Planning*, XV 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 since 1945. 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*; P. A. Stone, *Building Economy*; 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*.

752. Community Development (Seminar).

Mr. Hodge.

For M.Sc.—*Community Development*, XV 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*; F. L. Brayne, *Better Villages*; 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*; U.N., *Public Administration Aspects of Community Development Programmes* (1959); *Community Development and National Development* (1963).

OTHER GRADUATE COURSES

753. Seminar in Social Administration.

Professor Donnison. Sessional.

For graduate students.

Lectures, Classes and Seminars

Diploma in Personnel Management

760. Principles and Practice of Personnel Management.

Miss Seear 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 organisations. The main aspects of personnel policy are discussed and the developing practices of different organisations are studied. The topics include: recruitment and selection; training and education; promotion; the working environment and relationships within the organisation; 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. Holmes. Ten lectures, Michaelmas Term.
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 organisational 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. Zalesnik and others, *The Motivation, Productivity and Satisfaction of Workers*.

762. Industrial Psychology (Class).

Mr. Holmes. In connection with Course No. 761.

763. 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.

Diploma for Social Workers in Mental Health

Note: Lectures and seminars numbered 770, 772 and 774-783 are restricted to students registered for this course.

770. The Mental Health Services.

Mrs. McDougall. Ten lectures, Michaelmas Term.

Syllabus.—The aim of these lectures is to give an idea of the growth of the mental health services, supplying a background and a perspective against which the present services, statutory and voluntary, can be seen. The course includes an outline account of the development of attitudes

Social Science and Administration

and philosophies as they have a bearing on legislation and methods of treatment. The development of child guidance clinics and their present organisation will be covered and the law and administration as it affects the mentally ill, the mentally subnormal and educationally subnormal child.

Recommended reading.—D. H. Tuke, *Chapters in the History of the Insane in the British Isles*; G. Zilboorg and G. W. Henry, *A History of Medical Psychology*; K. Jones, *Lunacy, Law and Conscience; Mental Health and Social Policy, 1845-1959*; C. Morris, *Social Case Work in Great Britain* (chap. on Psychiatric Social Work); A. M. and A. D. B. Clarke, *Mental Deficiency*; 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, 1957* (Cmd. 169); U.K. Board of Education and Board of Control, *Report of the Mental Deficiency Committee* (Wood Report), 1929; *Report of the Committee on Maladjusted Children* (Underwood Report), 1955.

771. The Social Context of Behaviour.

Mr. Plowman and Mr. Timms. Twelve lectures, Michaelmas and Lent Terms.
Also for students attending the course in Applied Social Studies.

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. Ten lectures, Michaelmas Term.

This course may be attended by one-year students reading for the Diploma in Social Administration.

Syllabus.—Inter-relation 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*; M. Middlemore, *The Nursing Couple*; S. Fraiberg, *The Magic Years*; L. M. Ruben, *Parent Guidance in the Nursery School*; 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; The Children We Teach; Childhood and After*; D. W. Winnicott, *The Child and the Family; The Child and the Outside World; The Family and Individual Development; The Maturation Processes and the Facilitating Environ-*

Lectures, Classes and Seminars

ment; L. B. Murphy et al., *The Widening World of Childhood*; I. M. Josselyn, *Psychosocial Development of Children; The Adolescent and his World*; J. Piaget, *The Origins of Intelligence in Children*; I. Bennett, *Delinquent and Neurotic Children*; P. Blos, *On Adolescence*; R. J. Havighurst and H. Taba, *Adolescent Character and Personality*; D. Miller, *Growth to Freedom*; M. A. Sechehayne, *Renée: Diary of a Schizophrenic Girl*; S. Escalona and G. M. Heider, *Prediction and Outcome*; A. Solnit and S. Provence, *Modern Perspectives in Child Development*; A. Freud, *Normality and Pathology in Childhood*; S. Freud, *Analysis of a Phobia in a Five-Year-Old Boy (Little Hans)* in *Collected Papers*, Vol. 3; M. Klein, *Psychoanalysis of Children*; F. Allen, *Psychotherapy with Children*; M. Wolfenstein and G. Kliman, *Children and the Death of a President*; Published Annually: *The Psychoanalytic Study of the Child*; *Journal of Child Psychotherapy*.

774. Clinical Aspects of Child Development.

Dr. Winnicott. Fourteen lectures, Michaelmas and Lent Terms.

Syllabus.—Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case. Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique.

Etiology 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. (a) Psychiatry.

Dr. Kräupl Taylor. Twelve lectures, Michaelmas and Lent Terms. Demonstrations will be held weekly at the Maudsley Hospital.

Syllabus.—Introduction. Aetiological factors. Classification. Hysterical, obsessional and anxiety states. Affective disorders. Schizophrenia. Psychopathic states. Epilepsy. Organic conditions. Pre-senile and senile psychoses. Causation and treatment. Place of the social worker in investigation, prevention and treatment.

Recommended reading.—D. Stafford-Clark, *Psychiatry To-day*; W. Mayer-Gross, E. Slater and M. Roth, *Clinical Psychiatry*; R. D. Curran and M. Partridge, *Psychological Medicine*; E. W. Anderson, *Psychiatry*; F. Kräupl Taylor, *Psychopathology*.

(b) Special Problems in Psychiatry.

Various Lecturers. Five lectures, Lent Term.

776. Social and Psychological Aspects of Mental Subnormality.

Mr. Mittler. Five lectures, Lent Term.

Syllabus.—The nature, classification and social problem of mental subnormality.

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* (Cmd. 1602, 1962); *Health and Welfare: The Development of Community Care* (Cmd. 1973, 1963) (Revision to 1974).

Social Science and Administration

777. Psychology of Family Relations.

Mr. Woodhouse. Six lectures, Summer Term.

Syllabus.—The nature of marital choice; marriage as conscious and unconscious drive towards solving emotional problems from past; gratification and frustration; role-playing and adaptation in developing family; 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. Huneus, "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. The Study of Personality.

Mr. Gwynne Jones. Eight lectures, Lent and Summer Terms.

Syllabus.—An examination of the cognitive and orectic aspects of personality:

- (a) Intelligence: its nature and measurement. Discussion of different types of intelligence tests. Growth and decline of intelligence. Intellectual deterioration. Intelligence and heredity.
- (b) Personality: concepts of personality: its measurement in the clinical situation by means of interviews, questionnaires, objective and projective personality tests.
- (c) Personality disorders: reactions to stress; neurosis from the behaviourist standpoint; behaviour therapy.

Recommended reading.—A bibliography will be given at the beginning of the course.

779. Principles and Practice of Social Casework.

Miss Bell, Miss Butrym, Miss Elkan, Mr. Gregory and Miss Parsloe. Weekly seminars, Sessional, jointly with the Applied Social Studies Course.

Syllabus.—Principles underlying the practice of social casework are studied throughout, primarily through the medium of detailed case records.

In the first term the emphasis is on the professional role of the caseworker in a social welfare agency and on the understanding and assessment of the client's problem.

In the second term greater attention is paid to the emotional factor in the client situation and to the ways in which the caseworker helps.

In the third term consideration is given to casework with clients presenting special difficulties. An attempt is made throughout to help students to integrate the material, both with their experience in the various training centres and with the other lectures in the course.

Lectures, Classes and Seminars

780. Social Work in Psychiatric Settings (Seminar).

Mrs. McDougall, Miss Parsloe and Mr. Gregory. Michaelmas Term.

Syllabus.—Characteristics of the hospital, child guidance clinic and local authority health department as social institutions in which professional groups work together for a common purpose. The psychiatric social worker's special contribution in these settings. The principles and problems of relating social work service to medical care.

781. Social Work in Organisations (Seminar).

Miss Bell, Miss Butrym, Miss Parsloe, Mrs. Thomas and Mr. Timms. Lent Term, jointly with Applied Social Studies students.

Syllabus.—A consideration of problems of social work in large-scale organisations: power and authority, the impact of institutional life.

782. Introduction to Social Casework.

Miss Butrym. Six lectures, Michaelmas Term.

783. Introduction to Community Work.

Mr. Hodge, Michaelmas Term.

Field Work Supervisors to the Mental Health Course

Miss I. Bergman	} Maudsley Hospital, Denmark Hill, S.E.5. (Adults)
Miss M. Eden	
Miss J. Lambourn	
Miss M. Malherbe	
Mrs. L. Harvey	} Maudsley Hospital, Denmark Hill, S.E.5. (Children)
Mrs. F. Sussenwein	
Miss I. Tamblyn	} Child Guidance Training Centre, 33, Daleham Gardens, N.W.3.
Miss M. Turnbull, B.A.	
Miss M. Weiss, B.A.	
Miss I. Westheimer	
Mrs. B. Knock	Cane Hill Hospital, Surrey.
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, London, W.1.
Miss J. Ford	Child Guidance Clinic, Monoux Building, High Street, E.17.
Miss J. Barton	} Belgrave Hospital for Children, 1, Clapham Road, S.W.9.
Miss D. Perry	
Mrs. B. Litauer	Wimbledon Child Guidance Clinic, All Saints Road, S.W.19.
Mrs. M. O'Neill	Department of Psychological Medicine, St. Bartholomew's Hospital, E.C.1.
Miss M. M. Bailey	Academic Department of Psychiatry, Middlesex Hospital Medical School, W.1.

Social Science and Administration

Diploma in Applied Social Studies

Note: Lectures and seminars numbered 801 to 810 are restricted to students registered for this course.

801. Principles and Practice of Social Casework.

Miss Bell, Miss Butrym, Miss Elkan, Mr. Gregory and Miss Parsloe. 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.—In this course an effort is made to trace in detail the developmental steps, psychological and biological, of the individual from conception, through maturity, into old age. Firstly the main epochs in human development are surveyed briefly, to provide a temporal framework. Then, after discussion of the interplay of psychological and biological influences and of heredity and environment, the serial stages of child growth and development are surveyed in detail.

The phenomena of adolescence, maturity, the climacteric and senescence are dealt with similarly. The emphasis is upon the normal processes of growth, with attention to points of special strain and resultant abnormalities at each period.

Modern theories of personality development are discussed critically, special attention being given to the systems of psycho-analysis and analytical psychology; deviations from the normal are also dealt with here, as are the influence on development of the mother-child relationship, the family constellation and various adverse experiences such as emotional deprivation, illness and placement in abnormal environments.

The differential patterns of development in man and woman are outlined to provide a framework for the discussion of the relationship between the sexes, courtship, marriage and the problems of parenthood. This leads to description of anomalous psychosexual development.

The development of the special senses, of speech and language and of intelligence is studied in some detail.

Throughout, the theoretical material is related as closely as possible to clinical usage and discussed in its practical application to the casework situation.

803. A Clinical Approach to Family Problems.

Dr. Winnicott. Ten lectures, Lent and Summer Terms.

Syllabus.—The family in relation to infants and children at various stages of their development. A survey of the emotional development of the child in health and the various distortions in emotional development that result in psychiatric disorder. The clinical picture in health and in ill-health illustrated by case descriptions. Evaluation of the environmental factor. Special problems of adolescence. The family's relationship with society. The concept of health as emotional maturity at age.

804. Psychiatric Problems in Social Work.

Mrs. McDougall. Six lectures, Michaelmas Term.

Syllabus.—This course deals with the mental health services and typical problems of mental illness and mental subnormality which the social worker has to meet.

Recommended reading.—D. Stafford-Clark, *Psychiatry To-day*; R. D. Curran and M. Partridge, *Psychological Medicine*; K. Jones, *Mental Health and Social Policy*; Margaret Adams (Ed.), *The Mentally Subnormal: A Social Casework Approach*.

Lectures, Classes and Seminars

805. Problems of Health and Disease.

I. Dr. Davis. Eight lectures, Michaelmas Term.

Syllabus.—The course begins with two introductory lectures on the nature of disease and on the history and present organisation of the medical profession. Six lectures then follow on physical growth and development and on some of the more common childhood diseases.

II. Dr. Horder. Seven lectures, Lent Term.

Syllabus.—The course deals with the functions of the various body systems and with the disease processes of these systems in adults. Problems of diagnosis and treatment are presented from the general practitioner's viewpoint.

III. 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.

806. Social Administration and Social Policy.

Professor Donnison, Dr. Parker and Mr. Plowman. Lent and Summer Terms.

Syllabus.—The relation between social policy and administrative structure. The nature and process of administration, with particular reference to the organisation and functions of agencies in which students do their field work. The part played by social workers in administration. Psychology and administration: communication, perception, role and status.

Recommended reading.—L. Urwick and L. H. Gulick (Eds.), *Papers on the Science of Administration*; M. P. Follett, *Dynamic Administration*; H. Stein (Ed.), *Public Administration and Policy Development*; H. A. Simon, *Administrative Behaviour*; K. C. Wheare, *Government by Committee*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; A. H. Birch, *Small Town Politics*; F. M. G. Willson, *Administrators in Action*.

807. The Law and Court Procedure.

Mrs. Aikin. Michaelmas Term.

Syllabus.—This course deals with the general principles of law and practice (including rules of evidence) in Courts, with particular reference to the constitution, jurisdiction and powers of Magistrates' Courts in dealing with children and young persons, in domestic proceedings, and in the making of affiliation orders. Reference is made to the Statutes and statutory instruments from which the powers of Courts are derived and in particular to the relevant parts of the following Acts as amended and to Rules made under them:

Criminal Justice Act, 1948, and Criminal Justice Act, 1961
Children Acts, 1948 and 1958
Children and Young Persons Acts, 1933 to 1963
Education Act, 1944
Magistrates' Courts Act, 1952
Adoption Acts, 1958 and 1960
Matrimonial Proceedings (Children) Act, 1958
Mental Health Act, 1959
Matrimonial Proceedings (Magistrates' Courts) Act, 1960
and other statutes dealing with domestic proceedings and the making of affiliation orders.

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.).

Social Science and Administration

808. Social Work and Medical Settings (Seminar).

Miss Butrym. Summer Term.

Syllabus.—Characteristics of the hospital as a social institution in which professional groups work together for a common purpose. The medical social worker's contribution in relation to the hospital's function. The principles and problems of relating the social work service to medical care, both in hospitals and in the community.

809. Social Work and the Child Care Service (Seminar).

Mrs. Thomas. Summer Term.

Syllabus.—The structure and methods of operation of the Child Care Services. Recent developments and present trends, including a discussion of the casework problem of meeting needs within the administrative framework of the service as it is today. Case discussion to illustrate these points. Some of the family problems behind applications for reception into care. Methods of care available today and their relative values in relation to the problems presented by children and their parents. Placement and all the factors influencing it, including parental attitudes. Adoption: current practice and thinking. Selection of adoptive parents: their motives and attitudes. Problems of illegitimacy. Conclusion and summing up. The focus throughout is on the place of social casework in the Child Care Services.

810. Social Work in the Probation and After-Care Service (Seminar).

Miss Parsloe. Summer Term.

Syllabus.—In this course various aspects and problems of the Probation Officer's work will be discussed, with special reference to the legal framework.

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.—**The Social Context of Behaviour.**

No. 777.—**Psychology of Family Relations.**

No. 782.—**Introduction to Social Casework.**

GRADUATE COURSES

811. Social Work Education.

Mrs. McDougall, Miss Butrym and others. Weekly seminars, Sessional.

812. Research in Social Welfare.

Mr. Timms, Mr. 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.

Lectures, Classes and Seminars

814. Social Administration.

Miss Bell, Professor Donnison and Dr. R. A. 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.
Mr. H. Bordeleau	} Senior Child Care Officers, Children's Department, London Borough of Tower Hamlets.
Miss F. E. Ney	
Miss J. Edmonds	} Senior Child Care Officers, Children's Department, London Borough of Wandsworth.
Miss S. M. Poupard	
Miss U. Behr	Senior Child Care Officer, Children's Department, Essex.
Mrs. H. M. Clare	Senior Child Care Officer, Children's Department, London Borough of Bromley.
Miss J. W. Browning	} Medical Social Workers, Middlesex Hospital.
Miss L. Weiss	
Miss J. Wilson	Unit Supervisor, Department of Medical Social Work, Hammer-smith Hospital.
Mrs. G. M. Bridge	Medical Social Worker, St. George's Hospital.
Mrs. P. Thomas	} Family Caseworkers, Family Welfare Association, London.
Miss L. Morris	
Mrs. R. M. C. Welldon	
Miss B. Gormly	Psychiatric Social Worker, Ealing Child Guidance Clinic.
Miss A. B. Lloyd Davies	Psychiatric Social Worker, Invalid Children's Aid Association.

Sociology

830. Introduction to Sociology (Theories of Society).

Mr. Hopper. Nineteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc.) Branch III 6 (first year); B.Sc. (Soc. Anth.) Part II, 3c (second year). Students reading for the B.A./B.Sc. (Soc.), Branch I or II, or the Dip. Personnel Management attend the first twelve lectures.

Recommended reading.—D. Mitchell, *Sociology*; H. H. Gerth and C. W. Mills, *Character and Social Structure*; M. Ginsberg, *On the Diversity of Morals* (Part II); D. G. MacRae, *Ideology and Society* (Chapters 1-3 and Part II); R. C. Hinkle and G. J. Hinkle, *The Development of Modern Sociology*; W. B. Cameron, *Informal Sociology*; M. Ginsberg, *On Justice in Society*; J. Klein, *Samples from English Cultures* (Vol. I); A. Inkeles, *What is Sociology? An Introduction to the Discipline and Profession*; H. Stuart Hughes, *Consciousness and Society*.

831. Mathematics for Sociologists (An Introductory Course).

Mr. Steuer. Twenty lectures and classes.

Optional for B.A./B.Sc. Soc. Branches I and II (first and second years).

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*.

832. 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); B.Sc. (Soc. Anth.) Part II, 3c (second year). Dip. Soc. Anth. (second year). Recommended for M.Sc.—*Political Sociology*, XIV 4; *Sociological Theory*, XVIII 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 of Group 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*

Lectures, Classes and Seminars

Social Sciences; P. Winch, *The Idea of a Social Science and its Relation to Philosophy*; R. Fletcher, *A. 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*.

832(a). Theories and Methods of Sociology (Class).

Sessional.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, IX 4.

833. Sociology of Religion.

Professor Gellner, Mr. de Kadt, Dr. D. A. Martin and Mrs. Scharf. Thirty-five lectures, Sessional. 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); Dip. Soc. Anth. (first year).

Syllabus.—MICHAELMAS TERM: Dr. D. A. Martin. 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.

LENT TERM: Professor Gellner, Mrs. Scharf, Mr. de Kadt and Dr. D. A. Martin. Sociology of Islam, Judaism and Early Christianity. Religious Belief and Political Ideology. Religion in Advanced Industrial Societies.

SUMMER TERM: Mr. de Kadt. Religion in Developing Societies; the case of Latin America.

Recommended reading will be given during the course.

833(a). Sociology of Religion (Class).

Dr. D. A. Martin and Mrs. Scharf. Michaelmas and Lent Terms. In connection with Course No. 833.

834. Elements of Social Structure.

Mr. de Kadt and others. 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.) Branches I and II, 1 (first year); B.Sc. (Geog.) new regulations (first or second year); B.Sc. (Soc.) Branch III, 6 (second year); students taking Sociology as a subsidiary subject to a first degree; Dip. Personnel Management; Dip. Soc. Admin. Overseas Option (second year and one-year); Dip. Soc. Admin. (first year; optional for one-year).

Syllabus.—The nature of sociological analysis. Social change: the process of industrialisation. Urbanisation and population growth. The impact of industrialisation on social structure; stratification; political, religious and familial institutions; problems of social control. Bureaucracy and large organisations. Stability and conflict in society.

Recommended reading.—United Nations, *Report on the World Social Situation*; W. E. Moore and B. F. Hoselitz (Eds.), *Industrialisation and Society*; J. S. Slotkin, *From Field to Factory*; E. E. Hagen, *On the Theory of Social Change*; E. A. Gellner, *Thought and Change*; F. Lorimer and others *Culture and Human Fertility*; L. P. Mair, *New Nations*; E. Kedourie, *Nationalism*; S. E. Finer, *The Man on Horseback*; R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; A. M. Ross and P. T. Hartmann, *Changing Pattern of Industrial Conflict*; J. C. Abegglen, *The Japanese Factory*; S. M. Lipset, *The First New Nation*.

The following books are published as paperbacks: E. Chinoy, *Sociological Perspective*; A. Inkeles, *What is Sociology?*; W. E. Moore, *Social Change*; M. Mead (Ed.), *Cultural Patterns and Technical Change*; D. Wrong, *Population*; A. F. Havighurst (Ed.), *The Pirenne Thesis*; W. E. Moore, *Economy and Society*; N. J. Smelser, *The Sociology of Economic Life*; W. W. Rostow, *The Stages of Economic Growth*; M. M. Tumin, *Social Stratification: The Forms and Functions of Inequality*;

Sociology

K. B. Mayer, *Class and Society*; W. J. Goode, *The Family*; K. Nottingham, *Religion and Society*; K. Samuelsson, *Religion and Economic Action*; P. M. Blau, *Bureaucracy in Modern Society*; A. Etzioni, *Modern Organisations*; B. R. Clark, *Educating the Expert Society*; V. L. Griffiths, *Educational Planning*.

834(a). Elements of Social Structure I (Classes).

Sessional, beginning in the fifth week of the Michaelmas Term.

For B.Sc. (Econ.) Part I; B.A./B.Sc. (Soc.) Branches I and II (first year).

835. 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) Further classes will be held in the Michaelmas and Lent Terms for students in their third year.

836. Social Structure and Social Change.

Professor Dore. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a, Branch II 10d (second year); M.Sc.—Sociology (preliminary year); *Social Structure and Social Change*, II 3 (ii); XVIII 7 (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. 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. Geertz, *Old Societies and New States*; 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*.

837. 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 social institutions of pre-industrial societies, both simple and complex: their political and economic structure, bureaucratic organisation, military organisation, social stratification, systems of social control, kinship, religion and magic.

An analysis of the interrelation of institutions and their structural differentiation; an analysis of the different conceptualisations of society and of institutions and views of social time.

Social persistence and social change, with particular reference to industrialisation.

Recommended reading.—(i) General: K. A. Wittfogel, *Oriental Despotism*; S. N. Eisenstadt, *The Political Systems of Empires*; R. Firth, *Human Types*.

(ii) Simple Societies: A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage* (Introduction); R. Firth, *Economics of the New Zealand Maori* (Introduction); M. Mauss, *The Gift*; L. P. Mair, *An Introduction to Social Anthropology*.

(iii) Caste Society: A. L. Basham, *The Wonder that was India*; J. H. Hutton, *Caste in India*; F. G. Bailey, *Caste and the Economic Frontier*; M. N. Srinivas, *Caste in Modern India and Other Essays*.

Lectures, Classes and Seminars

(iv) Feudal Societies: F. L. Ganshof, *Feudalism*; M. Bloch, *Feudal Society*; R. Coulborn (Ed.), *Feudalism in History*; J. W. Hall, "Feudalism in Japan—a Reassessment" (*Comparative Studies in Society and History*, Vol. V, 1962–63).

(v) Complex Pre-Industrial States: P. T. Ho, *The Ladder of Success in Imperial China*; R. M. Marsh, *The Mandarins*; S. E. Finer, *The Man on Horseback*; M. J. Levy, *The Family Revolution in Modern China*; M. Freedman, *Lineage Organization in Southeastern China*; S. M. Elkins, *Slavery*.

(vi) Industrialising Societies: B. F. Hoselitz and W. E. Moore (Eds.), *Industrialization and Society* (UNESCO 1963); C. Kerr et al., *Industrialism and Industrial Man*; R. Bendix, *Work and Authority in Industry*; N. J. Smelser, *Social Change in the Industrial Revolution*; E. E. Hagen, *On the Theory of Social Change*.

838. Political Sociology.

Professor McKenzie and Mr. Stewart. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political Sociology*, IX 8e (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10f. Recommended for M.Sc.—*Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*, XVIII 12; *Political Stability and Change*, XVIII 13; *The Study of Political Behaviour*, XVIII 14; 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*; R. Lipset, *Political Man*; H. Hyman, *Political Socialization*; R. Bendix and S. Lipset, "Political Sociology" (*Current Sociology* Vol. VI, No. 2, 1957); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); S. Neumann (Ed.), *Modern Political Parties*; S. Eldersveld, *Political Parties*; R. H. Lowie, *The Origin of the State*; M. Weber, "Politics as a Vocation" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties: the Distribution of Power within the Conservative and Labour 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, *The Prince*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; V. Pareto, *Sociological Writings*; H. D. Lasswell and others, *The Comparative Study of Elites*; C. W. Mills, *The Power Elite*; W. L. Guttsman, *The British Political Elite*; T. B. Bottomore, *Elites and Society*; R. E. Lane, *Political Ideology*; F. Oppenheimer, *The State*; 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*, Nov., 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*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; H. D. Lasswell, *Politics*; *Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; D. E. Butler and A. King, *The British General Election of 1964*; R. Rose, *Politics in England*; *Studies in British Politics*; M. Abrams et al., *Must Labour Lose?*; A. J. Allen, *The English Voter*; 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*

Sociology

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*; M. Benney, P. Gray and R. H. Pear, *How People Vote*; 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*; *Political Quarterly*, January–March, 1958: Special number on Pressure Groups; P. Potter, *Organized Groups in British National Politics*; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. B. Truman, *The Governmental Process*; J. Towster, *Political Power in the U.S.S.R., 1917–1947*; L. Trotsky, *The Revolution Betrayed*; D. R. Matthews, *The Social Background of Political Decision-Makers*; G. A. Almond and S. Verba, *The Civic Culture*; I. de S. Pool et al., *Candidates, Issues and Strategies*; E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; J. T. Klapper, *The Effects of Mass Communication*.

839. Graeco-Roman Society.

Mr. Pincott. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (second year).

Syllabus.—A brief outline of the major political, social and economic developments in the Graeco-Roman world.

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*.

839(a). Graeco-Roman Society (Class).

Twenty classes, Michaelmas and Lent Terms.

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.

Syllabus.—Special attention will be given to Greek and Roman religion, early Christianity, bureaucracy and the status of women.

840. 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.) Branches I and II (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.

841. The Social Structure of Modern Britain.

Mr. Westergaard and Mr. Burrage. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6; B.A./B.Sc. (Soc.), Branch I, 7 and 8a; B.Sc. (Soc.), Branch III, 6 (second year); B.Sc. (Geog.) new regulations (first or 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.

Lectures, Classes and Seminars

Changes in industrial structure, including forms of ownership and control; changes in occupational structure and in the nature and distribution of skills; the system of industrial relations. The religious and moral codes; church family and school as agencies of social control. The institutions of public justice. Communication and mass media. 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.

Recommended reading.—G. M. Young, *Victorian England*; E. J. Hobsbawm, *Labouring Men*; A. M. Carr-Saunders and others, *A Survey of Social Conditions in England and Wales*; *Report of the Royal Commission on Population* (Cmd. 7695); J. A. Banks, *Prosperity and Parenthood*; T. H. Hollingsworth, *The Demography of the British Peerage*; 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*; A. D. Rees, *Life in a Welsh Countryside*; 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*; C. Clark and D. Stovel (Eds.), *Income and Wealth, Series X*; P. Sargant Florence, *The Logic of British and American Industry; Ownership, Control and Success of Large Companies*; Royal Commission on Trade Unions, *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); T. H. Marshall, *Citizenship and Social Class*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; R. K. Kelsall, *Higher Civil Servants in Britain*; A. Tropp, *The School Teachers*; D. Lockwood, *The Blackcoated Worker*; W. G. Runciman, *Relative Deprivation and Social Justice*; O. Banks, *Parity and Prestige in English Secondary Education*; J. W. B. Douglas, *The Home and the School*; Committee on Higher Education, *Report* (Cmd. 2154); W. Guttsman, *The British Political Elite*; R. T. McKenzie, *British Political Parties*; M. Harrison, *Trade Unions and the Labour Party*; R. Miliband, *Parliamentary Socialism*; S. Beer, *Modern British Politics*; J. Blondel, *Voters, Parties and Leaders*; M. Benney, A. P. Gray and R. H. Pear, *How People Vote; Report of the Royal Commission on the Press* (Cmd. 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, *Néwcomers*; P. Foot, *Immigration and Race in British Politics*; M. Freedman, *A Minority in Britain*.

Additional reading lists will be given for class work.

841(a). The Social Structure of Modern Britain (Classes).

For B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, IX 6 (third year); B.A./B.Sc. (Soc.), Branch I, 7 and 8a (second and third years); B.Sc. (Geog.) new regulations (second year).

842. The Social Structure of Modern Britain: Selected Topics.

Professor Glass, Professor McKenzie, Dr. D. A. Martin and Mr. Westergaard. Twelve lectures, 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 (third year).

A syllabus will be given at the beginning of the course.

Sociology

843. Criminology.

Dr. T. P. Morris. Twenty lectures, Michaelmas and Lent Terms.

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, 7f (third year); optional for Dip. Soc. Admin. (including Overseas Option first year and one-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*

Lectures, Classes and Seminars

Capital Punishment, 1953 (Cmd. 8932); *Royal Commission on the Law Relating to Mental Illness and Mental Deficiency*, 1957 (Cmd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmd. 247); *Penal Practice in a Changing Society*, 1959 (Cmd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmd. 1191); *Committee on the Probation Service*, 1962 (Cmd. 1650); *Interdepartmental Committee on the Business of the Criminal Courts*, 1961 (Cmd. 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, 1961.

844. Introductory Criminology (Class).

Dr. T. P. Morris and Mrs. Heidensohn. Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year), or B.Sc. (Econ.) Part II—*Criminology*, IX 8c (second year).

845. 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. 843.

Recommended reading.—As for Course No. 843 above. Further literature will be recommended during the course.

846. The Causes and Treatment of Crime (Seminar).

Dr. T. P. Morris and Mrs. Heidensohn. Fortnightly, Michaelmas and Lent Terms.

For students taking B.A./B.Sc. (Soc.) Branch I, 9 and 10d (third year), or B.Sc. (Econ.) Part II—*Criminology*, IX 8c (third year).

Note on Social Philosophy Courses: Courses Nos. 847-851 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 recognise these problems and to relate them both to major philosophies and to their own more concrete work in sociology.

Recommended reading.—Certain obviously relevant works listed under Course No. 832. The Theories and Methods of Sociology have not been repeated here. Nor are journal articles 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*, *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*; J. H. Plumb (Ed.), *Crisis in the Humanities*; J. Wilson, *Thinking with Concepts*.

(ii) WORKS WRITTEN AS OR USABLE AS TEXTBOOKS: S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; C. D. Broad, *Five Types of Ethical Theory*; E. A. Gellner, *Thought and Change*; J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics*; A. C. MacIntyre, *A Short History of Ethics*; A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy*.

(iii) BOOKS OF READINGS: R. B. Brandt (Ed.), *Social Justice*; W. H. Dray (Ed.), *Philosophical*

Sociology

Analysis and History; P. L. Gardiner (Ed.), *Theories of History*; 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); A. I. Melden (Ed.), *Ethical Theories: A Book of Readings*; H. Meyerhoff (Ed.), *The Philosophy of History in Our Time*; F. A. Olafson (Ed.), *Society, Law and Morality: Readings in Social Philosophy*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*.

(iv) RECENT COMMENTARIES AND SURVEYS: P. Corbett, *Ideologies*; M. W. Cranston, *Freedom—A New Analysis*; A. P. D'Entrèves, *Natural Law*; 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) COLLECTED ESSAYS: M. Ginsberg, *On the Diversity of Morals*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; C. L. Stevenson, *Facts and Values*.

(vi) 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. 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); J. S. Mill, *Utilitarianism*; J. S. Mill, *Liberty*; Plato, *The Republic*; E. A. Westermarck, *Ethical Relativity*.

(vii) RECENT WORKS: A. J. Ayer, *Language, Truth and Logic*; B. M. Barry, *Political Argument*; P. L. Berger, *Invitation to Sociology: A Humanistic Perspective*; I. Berlin, *Historical Inevitability*; I. Berlin, *Two Concepts of Liberty*; J. W. Burrow, *Evolution and Society*; M. J. Cowling, *Mill and Liberalism*; B. R. Crick, *In Defence of Politics* (Pelican edn.); C. A. R. Crosland, *The Future of Socialism*; A. C. Danto, *Analytical Philosophy of History*; P. A. Devlin, *The Enforcement of Morals*; D. Emmet, *Rules, Roles and Relations*; L. S. Feuer, *Psychoanalysis and Ethics*; J. C. Flugel, *Man, Morals and Society*; S. Freud, *Civilisation and its Discontents*; E. Fromm, *Sigmund Freud's Mission*; W. B. Gallie, *Philosophy and the Historical Understanding*; M. Ginsberg, *On Justice in Society*; M. J. Gregor, *Laws of Freedom*; R. M. Hare, *The Language of Morals*; H. L. A. Hart, *The Concept of Law*; H. L. A. Hart, *Law, Liberty and Morality*; H. L. A. Hart, *The Morality of the Criminal Law*; L. T. Hobhouse, *The Metaphysical Theory of the State*; E. Kamenka, *The Ethical Foundations of Marxism*; E. Kedourie, *Nationalism*; G. Lichtheim, *Marxism*; A. Macbeath, *Experiments in Living*; A. C. MacIntyre, *The Unconscious: A Conceptual Analysis*; C. B. Macpherson, *The Political Theory of Possessive Individualism*; H. Marcuse, *One-Dimensional Man*; K. R. Minogue, *The Liberal Mind*; R. E. Money-Kyrle, *Man's Picture of the World*; R. E. Money-Kyrle, *Psychoanalysis and Politics*; 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, *Existentialism and Humanism*; W. J. H. Sprott, *Science and Social Action*; 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*.

847. 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 and Branch II, 3 (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 pages 482-3. Further references for reading will be given during the course.

Lectures, Classes and Seminars

848. Structure of Ethical Theories.

Professor Gellner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8I; 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).

Syllabus.—Selected recent or contemporary social philosophies will be discussed.

Recommended reading.—See Note on pages 482–3. Further references for reading will be given during the course.

849. Concepts of Society.

Professor Gellner. Ten lectures, Michaelmas Term.

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); M.Sc.—*Theories and Concepts of Political Sociology*, XVIII 12; *Political Stability and Change*, XVIII 13; *The Study of Political Behaviour*, XVIII 14; *Political Sociology*, XIV 4.

Syllabus.—Alternative general views of society and man's place in it will be discussed, with special reference to their methodological and ethical implications. Some of the material on Ideology and Conservatism (Course No. 850) will be included.

Recommended reading.—See Note on pages 482–3. Further references for reading will be given during the course.

850. Ideology and Conservatism.

Professor Gellner. Ten lectures, Lent Term. (Not being given in the session 1967–68. Some material will be included in Course No. 849.)

For B.A./B.Sc. (Soc.), Branch I, 1 and Branch II, 1 (third year); M.Sc.—*Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*; XVIII 12; *Political Stability and Change*, XVIII 13; *The Study of Political Behaviour*, XVIII 14.

Recommended reading.—See Note on pages 482–3. Further references for reading will be given during the course.

851. Social Philosophy Classes.

(a) Fortnightly, Sessional.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8I; IX 5 (second year); B.A./B.Sc. (Soc.), Branch I, 4 and Branch II, 3 (first year).

(b) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Social Philosophy*, VI 8f; VII 7 and 8I; IX 5 (third year); B.A./B.Sc. (Soc.), Branch I, 4 and Branch II, 3 (second year).

852. General Sociology Classes.

Sessional.

For B.A./B.Sc. (Soc.) Branches I and II (second and third years).

853. Social Research Classes.

Lent and Summer Terms.

For B.A./B.Sc. (Soc.) Branch I, 2 and Branch II, 10c (first year).

FOR GRADUATE STUDENTS

M.Sc.—Sociology, Preliminary Year

860. Sociological Theory and Social Institutions (Class).

Dr. D. A. Martin.

Sociology

For first-year graduate students of sociology preparing to take the departmental qualifying examination.

Students should also attend the following courses: 832, 836, 837, 909, 910, 931.

M.Sc.—Sociology, Final Year and other Graduate Courses

861. Sociological Theory.

Dr. Cohen, Dr. D. A. Martin and Mr. Newfield.

For M.Sc.—*Sociological Theory*, XVIII 1.

(i) Seminars, Sessional.

(ii) Ten lectures, Summer Term.

862. Design and Analysis of Social Investigations.

Miss Gales, Mr. Lewis, Dr. Oppenheim and Mr. Westergaard. Sessional.

For M.Sc.—*Methods of Sociological Study*, II 3(i); XVIII 2; *Survey Theory and Methods*, XIX 8. 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*; W. J. Goode and P. K. Hatt, *Methods in Social Research*; E. Greenwood, *Experimental Sociology*; C. Seltiz and others, *Research Methods in Social Relations*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser, *Survey Methods in Social Investigation*; S. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

863. Design and Analysis of Social Investigations: Project Class.

Mr. Lewis and Mr. Westergaard. One-and-a-half hours per week, Lent and Summer Terms.

Optional for M.Sc.—*Methods of Sociological Study*, II 3i; XVIII 2. Students should attend either this course or course No. 977 or 979.

864. Sociology of Deviant Behaviour (Seminar).

Dr. T. P. Morris. Michaelmas and Lent Terms.

For M.Sc.—*Sociology of Deviant Behaviour*, XVIII 5.

Syllabus.—Concepts of social deviance and social disorganisation. The social dimensions of crime. Psychological and sociological theories of crime causation. Specific aspects of deviant behaviour; suicide, homicide, alcoholism and narcotic addiction; the sociology of mental abnormality.

Recommended reading will be given during the course.

865. Social Structure and Social Change (Graduate Course).

For M.Sc.—*Social Structure and Social Change*, II 3(ii); V 3(ii); XVIII 7.

866. Sociology of Education.

Dr. Clifford-Vaughan. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.—*Sociology of Education*, XVIII 4; M.Phil.

Syllabus.—Education as a selection and training device in Western European societies. The influence of social structure upon the forms and content of education.

Recommended reading will be given during the course.

866(a). Sociology of Education (Class).

Dr. Clifford-Vaughan. Fifteen classes, Michaelmas and Lent Terms.

For M.Sc.—*Sociology of Education*, XVIII 4; M.Phil.

Lectures, Classes and Seminars

867. Sociology of Development.

(i) Professor Dore. Ten lectures, Michaelmas Term.
For B.A./B.Sc. (Soc.) Branch I, 9 and 10a; B.Sc. (Soc.) Branch III, 7b (third year). M.Sc.—*Sociology of Development*, XVIII 9.
(ii) Professor Dore, Professor Gellner, Mr. de Kadt and others. Seminar.
For M.Sc.—*Sociology of Development*, XVIII 9.

868. Race Relations.

(Not being given in the session 1967–68.)

869. Political Behaviour (Seminar).

Professor McKenzie. Lent and Summer Terms.
For M.Sc.—*The Study of Political Behaviour*, XIV 4, XVIII 14.

Note. For Theories and Concepts of Political Sociology (M.Sc.—XIV 4) see Course No. 604.
For Political Stability and Change (M.Sc.—XIV 4; XVIII 13) see Course No. 605.

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. Six lectures, Lent Term.
For M.Sc.—*Problems of Public Health and Sociomedical Research*, II 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.

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 Time 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 Organisation, *Trends in the Study of Morbidity and Mortality*.

872(i). Social Structure and Social Change in Latin America.

Mr. de Kadt. Fifteen lectures, Michaelmas and Lent Terms.
For M.Sc.—*Sociology of Development*, XVIII 9; M.A. (Area Studies) 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. Industrialisation and urbanisation: 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.

Sociology

Recommended reading.—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*; Bertram Hutchinson, “The Patron-Dependant Relationship in Brazil” (*Sociologia Ruralis*, VI:1. 1966); J. J. Johnson (Ed.), *Continuity and Change in Latin America*; J. Lambert, *Amérique Latine: Structures Sociales et Institutions Politiques*; J. Maier and R. W. Weatherhead, *Politics of Change in Latin America*; R. M. Morse, “The Heritage of Latin America” in L. Hartz, *The Founding of New Societies*; U.N. Dept. of Econ. and Social Affairs, *Progress in Land Reform*, Fourth Report; C. Veliz (Ed.), *Obstacles to Change in Latin America*; E. de Vries and J. Medina Echavarría, *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).

Mr. de Kadt. Fortnightly, Sessional.
For M.Sc.—*Sociology of Development*, XVIII 9; M.A. (Area Studies.)

873. The Social Structure of Modern Japan.

Professor Dore. Ten lectures, Lent Term.
For third-year undergraduate and graduate students of Sociology and Anthropology.

Syllabus.—Tokugawa feudalism. The modern family, village organisation, employment practices and trade unions, social stratification, social mobility, the educational system, political attitudes and organisation. The emphasis will be on the process of change over the last century.

Recommended reading.—W. W. Lockwood, *The Economic Development of Japan*; I. B. Taeuber, *The Population of Japan*; R. K. Beardsley and others, *Village Japan*; R. P. Dore, *City Life in Japan*; Y. S. Matsumoto, *Contemporary Japan*; G. R. Storry, *A History of Modern Japan*; R. A. Scalapino and J. Masumi, *Parties and Politics in Contemporary Japan*; N. Ike, *Japanese Politics*; J. C. Abbeglen, *The Japanese Factory*; S. B. Levine, *Industrial Relations in Postwar Japan*; G. C. Allen, *Japan's Economic Recovery*; E. Vogel, *Japan's New Middle Class*; M. B. Jansen, *Changing Japanese Attitudes to Modernization*; W. W. Lockwood, *The State and Economic Enterprise in Japan*; J. W. Hall, *Twelve Doors to Japan*; E. H. Norman, *Japan's Emergence as a Modern State*; R. Bellam, *Tokugawa Religion*.

874. Japanese Development (Seminar).

Professor Dore.
A seminar in the Lent Term on selected aspects of social change in Japan.
For M.Sc.—*Sociology of Development*, XVIII 9.

875. Sociology of Religion (Seminar).

Dr. D. A. Martin, Mrs. Scharf and Mr. de Kadt. Fortnightly, Sessional.

876. Sociology of Islam.

Professor Gellner, Dr. Cohen and Dr. Lewis. Fortnightly, Sessional.
Intercollegiate course.
For M.Sc.—*Sociology of Development*, XVIII 9.

Lectures, Classes and Seminars

Reference should also be made to the following sections and courses:—

Anthropology.

Demography.

Psychology.

Social Science and Administration.

No. 234.—Regional Problems in Latin America (Seminar).

No. 657.—Seminar on Comparative Social Institutions (Western, Oriental and Primitive).

No. 910.—Statistical Methods (Sociology, Branches I and II).

No. 930.—The Nature and Sources of Social Statistics.

No. 931.—Survey Methods in Social Investigation.

**Statistics, Mathematics, Computing and
Operational Research**

	Page
(a) Mathematics	491-3
(b) Statistical Theory and Method	493-7
(c) Applied Statistics	497-500
(d) Computing and Operational Research	500-3
(e) Graduate Courses	503-9

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; XI 3a; XVI 2b (second year); B.Sc. (Geog.) (new regulations) (first or second year); M.Sc.—*Introduction to Modern Mathematics*, XII (Logic) 2 (iii). 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.

Mr. T. M. F. Smith, Dr. Scott and others. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part I—alternative subject 1 (a) *Basic Mathematics*; B.Sc. (Geog.) (new regulations) (first or second year).

900(b). Basic Mathematics, Second-Year Class.

Mr. Steuer. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Introduction to Modern Mathematics*, I 2b; III 3i; XI 3a; XVI 2b (second year).

900(c). Basic Mathematics, Third-Year Class.

Mr. Steuer. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II.—*Introduction to Modern Mathematics*, I 2b; III 3i; XI 3a; XVI 2b (third year).

901. Algebra and Methods of Analysis.

Dr. H. Freedman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—alternative subject 1(b) *Algebra and Methods of Analysis*; B.Sc. Mathematics Part I; B.Sc. (Geog.) new regulations (first or second year).

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*.

901(a). Algebra and Methods of Analysis Class.

Dr. H. Freedman. 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.) new regulations (first or second year).

Lectures, Classes and Seminars

902. Analysis and Set Theory.

Professor Offord. Sixty lectures, Sessional.

For B.Sc. Mathematics Part I; B.Sc. (Econ.) Part I, alternative subject 15 *Analysis and Set Theory*.

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. Continuous functions. Rolle's theorem. The mean value theorem.

Recommended reading.—T. M. Apostol, *Mathematical Analysis*.

903. Further Algebra and Theory of Probability.

Professor Offord and Dr. H. Freedman. Forty lectures, Sessional.

For B.Sc. Mathematics Part I.

Syllabus.—The numbers system and the rules of Algebra. Fields. Integers and polynomials over a field. Fundamental theorem of algebra. Polynomials in several indeterminates, symmetric polynomials determinants. The theory for discrete sample spaces. Independence. The main distributions. Sums of independent random variables.

904. Analysis and Set Theory Class.

Arranged by Professor Offord. Twenty-five classes, Sessional, beginning in the second week of the Michaelmas Term, in conjunction with Courses Nos. 902 and 903.

For B.Sc. Mathematics Part I.

905. Algebra Class.

Dr. H. Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term, in conjunction with Courses Nos. 901 and 903.

For B.Sc. Mathematics Part I.

906. Mathematics A.

Professor Sargan, Mr. J. J. Thomas, Miss Phillips and others.

(i) Second Year: three hours per week, Michaelmas and Lent Terms.

(ii) Third Year: one hour per week, Lent Term.

For B.Sc. (Econ.) Part II.—*Mathematics A*, I 2c; II 2a; III 3h; IV 6, 7 and 8j; V 2c; XI 3b.

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*.

907. Mathematics B (Second Year).

For B.Sc. (Econ.). Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (second year).

(i) **Linear Algebra.**

Dr. Knott. Sixteen lectures, Michaelmas Term (two lectures per week for the first eight weeks of term).

Syllabus.—Determinants and linear equations. Vectors and vector spaces. Matrices and quadratic forms. Characteristic roots and vectors.

Recommended reading.—G. Hadley, *Linear Algebra*. A useful summary of matrix algebra is contained in J. Johnston, *Econometric Methods*.

(ii) **Calculus of Several Variables.**

Mr. Brackstone. Fourteen lectures, Michaelmas and Lent Terms (two lectures per week beginning in the ninth week of the Michaelmas Term).

Statistics, Mathematics and Computing

Syllabus.—Multiple integrals. Jacobians. Change of variable. Taylor's Theorem. Extreme values. Lagrange multipliers.

Recommended reading.—W. L. Ferrar, *Differential Calculus*, W. L. Ferrar, *Integral Calculus*; E. A. Maxwell, *An Analytical Calculus*, Vol. III. For supplementary study, R. Courant, *Differential and Integral Calculus*; J. M. H. Olmsted, *Real Variables*.

(iii) **Differential Equations and Numerical Methods.**

Dr. Wallis. Fourteen lectures, Lent and Summer Terms (two lectures per week beginning in the sixth week of the Lent Term).

Syllabus.—Differential equations. Finite differences; interpolation and numerical integration. Difference equations.

Recommended reading.—H. T. H. Piaggio, *Differential Equations*; S. Goldberg, *Introduction to Difference Equations*; H. Freeman, *Mathematics for Actuarial Students*, Part II.

(iv) **Functions of a Complex Variable and Related Topics.**

Mr. Hajnal. Sixteen lectures, Summer Term (two lectures per week beginning in the third week of the Summer Term).

Syllabus.—Differentiation and integration of functions of a complex variable. Series expansions. Evaluation of real integrals. Fourier series. Laplace and Fourier transforms.

Recommended reading.—B. H. Chirgwin and C. Plumpton. *A Course of Mathematics*, Vol. V; E. G. Phillips, *Functions of a Complex Variable*; R. L. Goodstein, *Complex Functions*.

907(a). Mathematics B (Second Year) Class.

Mr. Hajnal and others. Twenty-seven classes, Sessional, beginning in the third week of the Michaelmas Term.

908. Mathematics B (Third Year).

Mr. Hajnal and others. Six lectures and classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (third year).

908(a). Mathematics B (Third Year) Class.

Mr. Hajnal and others. Six classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Mathematics B*, I 2d; II 2b; IV 6, 7 and 8j; V 2d; X 3; XI 3c (third year).

908(b). Mathematics B (Third Year) Revision Class.

Mr. Hajnal and others. Ten classes, Lent Term.

(b) **STATISTICAL THEORY AND METHOD.**

909. Elementary Statistical Methods.

Miss Gales and Dr. Maunder (day), Mr. Gattoni (evening). Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—alternative subject 8 *Methods of Social Investigation*; B.Sc. (Econ.) Part II (second year)—*Economic Statistics and Business Accounts*, V 3 (first part); *Elements of Management Mathematics*, IV 6, 7 and 8i; V 2g (whole course); B.Sc. (Soc. Anth.) 3a (second year); B.Sc. (Geog.) new regulations (first or second year); M.Sc.—*Management Mathematics*, I 2 (iv) (second part); M.Sc.—Sociology (preliminary year). Optional for Dip. Personnel Management; Dip. Soc. Admin. (second year and one-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.

Lectures, Classes and Seminars

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; A. R. Iiersic, *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*.

909(a). Elementary Statistical Methods Class.

Dr. Maunder, Mr. Gattoni and others. Fifteen classes, Michaelmas and Lent Terms.

910. Statistical Methods (Sociology, Branches I and II).

For B.A./B.Sc. (Soc.) Branch I, 2; Branch II, 10c; M.Sc.—Sociology (preliminary year).

(a) First year.

Mr. Kalton and Miss Phillips. Fifteen hours, Lent and Summer Terms.

(b) Second year.

Miss Gales and Mr. Gattoni. Ten hours, Michaelmas Term.

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. Iiersic, *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*; P. J. McCarthy, *Introduction to Statistical Reasoning*.

911. Statistical Methods (Sociology, Branch III).

For B.A./B.Sc. (Soc.) Branch III, 5.

(a) First year.

Mr. Lewis and Mr. Gattoni. Twenty-five hours. Sessional.

(b) Second year.

Mr. Lewis. Fifteen hours, Michaelmas and Lent Terms.

(c) Third year.

Mr. Lewis. Ten hours, Lent Term.

Syllabus.—(a) The analysis and presentation of statistical data. Attributes and variables and the types of summary measures suitable for each. Averages and measures of dispersion. The analysis of frequency distributions generally.

Statistical inference. The background of sampling theory. The normal distribution. Sampling errors. Testing relationships between variables. Significance tests. Correlation and regression analysis.

(b) As for Course 931.

Recommended reading.—(a) as for Course No. 910. (b) as for Course No. 931.

912. Elementary Statistical Theory—I.

Mr. T. M. F. Smith. Twenty-three lectures, Sessional (day). Mr. Brackstone. Twenty lectures, Michaelmas and Lent Terms (evening).

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 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c (second year); B.Sc. (Mathematics) Part I, 5a; B.Sc. (Geog.) new regulations (first or second year).

Syllabus.—Probability and distribution theory. Statistical relationship. Sampling. Estimation and tests of hypotheses. Time series and index numbers.

Statistics, Mathematics and Computing

Recommended reading.—J. L. Hodges and E. L. Lehmann, *Basic Concepts of Probability and Statistics*; P. G. Hoel, *Introduction to Mathematical Statistics* (2nd or 3rd edn.); T. Yamane, *Statistics: an Introductory Analysis*; J. E. Freund, *Modern Elementary Statistics*; J. Neter and W. Wasserman, *Fundamental Statistics for Business and Economics*.

912(a). Elementary Statistical Theory—I, Class.

Mr. T. M. F. Smith and others. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

913. 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 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c; *Econometrics*, II 8; X 6 and 7c (second year).

Syllabus.—Theory of the general linear regression model. Partial and multiple correlations. A familiarity with matrix algebra will be assumed.

Recommended reading.—C. E. Weatherburn, *A First Course in Mathematical Statistics*, chap. 12; J. Johnston, *Econometric Methods*.

914. Elementary Statistical Theory—II, Third-Year Revision Class.

Dr. Desai. Ten classes, Lent Term.

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).

915. Introduction to Probability.

Professor Stuart. Fifteen lectures, Michaelmas Term (two lectures per week in the first five weeks of the term).

For M.Sc.—*Statistical Theory I*, XI 1a; B.Sc. (Econ.) Part II (second year)—*Statistical Theory*, II 3b; *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Management Mathematics*, II 3c; X 6 and 7e; XI 5, 6 and 7b; M.Sc.—*Foundations of Probability and Statistics*, XII (Logic and Scientific Method) 2 iv; *Stochastic Processes and Applications*, XI 2a.

Syllabus.—Discrete sample spaces. Definitions and rules of probability. Elements of combinatorial analysis. Random variables and calculus of expectations. Generating functions. Binomial, Poisson, Hypergeometric, Multinomial, Negative Binomial distributions. Poisson process. Random walks. Markov chains.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I).

916. Theory of Statistical Distributions.

Professor Stuart. Fifteen lectures, Lent Term. (Two lectures per week in the first five weeks of term.)

For M.Sc.—*Statistical Theory I*, XIa; B.Sc. (Econ.) Part II.—*Statistical Theory*, II 3b; *Probability Distribution and Sampling Theory*, X 4, XI 5, 6 and 7d (second year).

Syllabus.—Distribution and frequency functions of the binomial, Poisson, normal, Gamma and Beta types. Moments, cumulants, and their generating functions. Characteristic functions. Distribution of sums. Law of large numbers and Central Limit theorem. Change of variables technique. 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. Expectations. 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.

Lectures, Classes and Seminars

917. Statistical Methods and Theory (Second Year).

Dr. Knott. Twenty lectures, Lent and Summer Terms.

For M.Sc.—*Statistical Theory I*, XI 1a; B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5 (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.—R. A. Fisher, *Statistical Methods for Research Workers*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (chaps. 19, 26, 27 and 28); O. L. Davies, *Statistical Methods in Research and Production*; R. L. Anderson and T. A. Bancroft, *Statistical Theory in Research*.

918. Statistics Practical Class (Second Year).

Dr. Knott. Twenty classes of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—special subject Statistics.

919. Statistical Methods and Theory (Third Year).

Dr. Scott. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, X 5 (third year).

Syllabus.—Further analysis of variance and experimental design. Non-parametric methods. Time series.

Recommended reading.—D. A. S. Fraser, *Statistics: An Introduction*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III.

919(a). Statistical Methods and Theory (Third Year) Class.

Dr. Scott. Five classes, Lent Term.

920. Statistics Practical Class (Third Year).

Mr. T. M. F. Smith. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—special subject Statistics.

921. Sample Survey Theory.

Mr. Lewis. Ten lectures, Michaelmas Term.

Optional for M.Sc.—*Design and Analysis of Statistical Investigation*, II 3vi; XI 1b; XVIII 3.

Further treatment of sample survey theory is provided in Course No. 958.

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*.

922. Estimation and Bayesian Inference Methods.

Professor Durbin. 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).

Syllabus.—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Least squares. Maximum likelihood. Elementary notions of the theory of tests of significance.

Statistics, Mathematics and Computing

Bayes theorem. Prior distributions. Bayesian tests of significance and confidence intervals. Application to standard statistical problems based on the binomial, Poisson, normal and multinomial distributions.

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.

923. Statistical Theory Problems Class.

Professor Stuart. Fifteen 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).

924. Statistical Theory Class.

Dr. Wallis. 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

925. 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 treatments of statistical sources and applications are provided in Courses Nos. 930, 934(ii) and 935.

For B.Sc. (Econ.) Part II (second year)—*Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7h; XV 2b; *Economic Statistics and Business Accounts*, V 3; *General Statistics and Computing*, X 8; XI 8.

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*; *Annual Abstract of Statistics*; *Ministry of Labour Gazette*; *Board of Trade Journal* 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*.

926. Economic Statistics.

Professor Sir Roy Allen and Dr. Maunder.

(a) Fifteen 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 6; III 8c; IV 3b; VI 8h; X 6 and 7h; XV 2b (second year); M.Sc.—*Economic Statistics*, IV 2(iii); XIX 4. The classes will be divided into several groups, some mainly non-mathematical, others more mathematical.

(b) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, V 3 (third year).

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 international trade, national income and the balance of payments.

All students are expected to have attended Course No. 925.

Lectures, Classes and Seminars

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*; and the main U.K. official statistical publications.

927. 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 7h; XV 2b (third year).
These classes supplement Course No. 926(a).

928. General Statistics.

Miss Gales and Mr. Gattoni. Twenty classes, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8 (second year).

929. General Statistics and Computing.

Professor Sir Roy Allen and Mr. Garside.
(a) Second year: nine meetings, Summer Term.
(b) Third year: twenty meetings, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8.

930. The Nature and Sources of Social Statistics.

Miss Gales, Mr. Lewis and others. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7f (second year); XI 5, 6 and 7e (second year); B.A./B.Sc. (Soc.) Branch I, 2; Branch II, 10c (second year); M.Sc.—*Social Statistics*, XVIII 5.

Syllabus.—An introduction to the sources and nature of statistics in various fields, including: population and vital statistics; households and families; standards and levels of living; cost of living; health; social security; nutrition; education; crime; housing; labour; income and property.

Recommended reading.—References will be given in the course of the lectures.

931. Survey Methods in Social Investigation.

Miss Gales. Ten lectures, Lent Term.
For B.A./B.Sc. (Soc.) Branch I, 2; Branch II, 10c (first year); B.Sc. (Econ.) Part I, alternative subject 8 *Methods of Social Investigation*; B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8 (second year); Dip. Soc. Admin. (second and one-year); B.Sc. (Soc.) Branch III, 5 (second year); B.Sc. (Soc. Anth.) 3a (second year); B.Sc. (Geog.) new regulations (first or second year); M.Sc.—*Methods of Sociological Study*, XVIII 2 (preliminary year); *Survey Theory and Methods*, XIX 8 (preliminary year). 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. Seltiz 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*.

Statistics, Mathematics and Computing

931(a). Survey Methods in Social Investigation Class.

Mr. Lewis and others. Five classes, Lent Term, beginning in the sixth week of the term.
For B.Sc. (Econ.) Part I—alternative subject 8 *Methods of Social Investigation*.

932. Social Statistics and Survey Methodology Class.

Professor Grebenik and others. Twenty-five classes, Sessional.
For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7f; XI 5, 6 and 7e (third year); M.Sc.—*Social Statistics*, XIX 5; *Survey Theory and Methods*, XIX 8 (preliminary year).

933. Statistical Aspects of Educational Planning.

Dr. Blaug, Mr. Layard and others. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, X 6 and 7f; XI 5, 6 and 7e (third year); M.Sc.—*Social Statistics*, XVIII 5. Recommended for graduate students.

Syllabus.—Educational planning in advanced and developing countries. Criteria for priorities. Methods of estimating trends in pupil and student enrolments (at all levels of education). Teacher supply and demand calculations. Computable educational models. Techniques for forecasting manpower needs.

Recommended reading will be given during the course.

934(i). National Income.

Mr. Crossley, Dr. Maunder and others. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7h; XV 2b (second or third year); M.Sc.—*Economic Statistics*, IV 2(iii); XVIII 4.

Syllabus.—The concept of the national income and capital. The system of national accounts. Measurements in money and real terms. Capital formation, capital consumption and the measurement of the stock of capital; stock appreciation. Inter-industry relations. The use of national accounting data in short-term economic forecasting. Sources of information and the reliability of estimates: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

Recommended reading.—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. Stuvell, *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 Income Statistics: Sources and Methods* (H.M.S.O., 1956); United Nations, *A System of National Accounts and Supporting Tables* (revised 1960); R. Stone, *Quantity and Price Indexes in National Accounts* (O.E.E.C., 1956); M. Gilbert and others, *Comparative National Products and Price Levels* (O.E.E.C., 1958); D. Paige and G. Bombach, *A Comparison of National Output and Productivity of the U.K. and the U.S.* (O.E.C.D., 1959); R. Stone, *Input-Output and National Accounts* (O.E.C.D., 1961); International Association for Research in Income and Wealth, *Income and Wealth*, Series I and VIII.

Further reading will be recommended during the course.

934(ii). 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 6; III 8c; IV 3b; VI 8h; X 6 and 7h; XV 2b (second year); M.Sc.—*Economic Statistics*, IV 2(iii); XIX 4.

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.

Lectures, Classes and Seminars

935. Labour Statistics.

Mr. Crossley. Eight lectures, Lent Term.

For Dip. Personnel Management; M.Sc.—*Labour Statistics and Research Methods*, VII 2 (vi); 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.

936. 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 3d; III 3b; IV 6, 7 and 8h; *Accounting*, V 7 and 8 (second year). M.Sc.—*Economic Aspects of Accounting*, I 1 and 2; III 3(xv); *Management Accounting*, XI 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*; R. E. Underwood, *Elements of Actuarial Science*; W. Lundie, *Elementary Theory of Finance*.

937. 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. Introduction to Exposed to Risk formulae and the Construction of Life 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. 1; J. L. Anderson and J. B. Dow, *Actuarial Statistics*, Vol. II.

938. Actuarial Statistics II.

Mr. Dyson. Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, X 6 and 7a (third year).

Syllabus.—Exposed to Risk formulae; theory of Multiple Decrements; Construction of Select Mortality and Multiple Decrement Tables; Comparison of Mortality and other Experiences; Graduation; English Life Tables.

Students will be expected to have attended Course No. 937.

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; W. G. Bailey and H. W. Haycocks, *Some Theoretical Aspects of Multiple Decrement Tables*; Registrar General's Decennial Supplements (Life Tables), 1931 and 1951.

938(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 AND OPERATIONAL RESEARCH

939. Introduction to Computing.

Mr. Garside and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Elements of Computer Science*, XI 4 (second year). Michaelmas Term only. For M.Sc.—*Automatic Data Processing*, XI 4(iii). Optional for *Economic Statistics and Business Accounts*, V 3; *Accounting and Finance*, V 7 and 8 (second year).

Statistics, Mathematics and Computing

Syllabus.—Functional description of a computer; 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 organisation; 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; interpretive routines.

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*.

939(a). Introduction to Computing, Undergraduate Class.

Mr. Garside and Mr. Must. Ten hours, Lent Term.

939(b). Introduction to Computing, Undergraduate Practical Class.

Mr. Garside and Mr. Must. Ten hours, Lent Term.

940. Fortran IV.

Mr. Garside. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Elements of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7d; XI 5, 6 and 7c (second year); M.Sc.—*Automatic Data Processing*, XI 4(iii).

Syllabus.—The syntax of the Fortran IV programming language.

Recommended reading.—R. S. Ledley, *Fortran IV Programming*; D. D. McCracken, *A Guide to Fortran Programming*.

940(a). Fortran IV Class.

Mr. Garside and Mr. Must. Ten hours, Michaelmas Term.

940(b). Fortran IV Practical Class.

Mr. Garside and Mr. Must. Five hours, Michaelmas Term, beginning in the sixth week.

941. Numerical Methods and Programming, Second Year.

Mr. Garside. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Numerical Methods and Programming*, X 6 and 7d; XI 5, 6 and 7c (second year).

Syllabus.—The use of digital computers in the solution of problems in numerical analysis. Fixed and floating point arithmetic. Algorithms for approximation interpolation, numerical integration, solution of linear equations and matrix inversion. Error analysis and error reducing techniques. Applications in statistics.

Random number generation. Monte Carlo methods including variance reducing techniques and simple simulation models.

Recommended reading.—S. D. Conte, *Elementary Numerical Analysis*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*.

941(a). Numerical Methods and Programming, Second-Year Class.

Mr. Garside and Mr. Must. Nine hours, Summer Term.

941(b). Numerical Methods and Programming, Second-Year Practical Class.

Mr. Garside and Mr. Must. Nine classes, Summer Term.

Lectures, Classes and Seminars

942. Introduction to Management Mathematics.

Mr. Garside. Nine lectures, Summer Term.

For B.Sc. (Econ.) Part II—*General Statistics and Computing*, X 8; XI 8; *Management Mathematics*, II 3c; X 6 and 7e; XI 5, 6 and 7b (second year); M.Sc.—*Theory of Business Decisions and Organisations*, III 3(x).

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, dynamic programming, linear programming and games theory.

Recommended reading.—J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*.

942(a). Introduction to Management Mathematics Class.

Mr. Garside and Mr. Must. Eight classes, Summer Term.

943. Numerical Methods and Programming, Third Year.

Mr. Garside and Mr. Mayne. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Numerical Methods and Programming*, X 6 and 7d; XI 5, 6 and 7c (third year).

Syllabus.—This course is a continuation of course 941 and will also include: Interpolation (including Bessel, Everett and Lagrange formulae). Tabulation. Approximations to functions of one variable.

Recommended reading.—*Interpolation and Allied Tables* (H.M.S.O.); L. Fox, *The Use and Construction of Mathematical Tables*; C. W. Clenshaw, *Chebyshev Series for Mathematical Functions*.

944. Advanced Computing.

Mr. Garside. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Computer Science*, XI 4 (third year).

945. Management Mathematics.

Lecturer to be announced. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Management Mathematics*, II 3c; X 6 and 7e; XI 5, 6 and 7b (third year).

Syllabus.—Replacement theory. Inventory Control. Queuing theory. Dynamic Programming. Computer simulation of complex organisations.

Recommended reading.—A. S. Manne, *Economic Analysis for Business Decisions*; M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. B. Fetter and W. C. Dalleck, *Decision Models for Inventory Management*; R. A. Howard, *Dynamic Programming and Markov Processes*; K. J. Arrow, S. Karlin and H. Scarf, *Studies in the Mathematical Theory of Inventory and Production*; K. J. Arrow, S. Karlin and H. Scarf (Eds.), *Studies in Applied Probability and Management Science*; R. Bellman, *Dynamic Programming*; R. D. Luce and H. Raiffa, *Games and Decisions*; P. Massé, *Optimal Investment Decisions*; K. D. Tocher, *The Art of Simulation*; T. H. Naylor et al., *Computer Simulation Techniques*; A. Battersby, *Mathematics in Management*.

945(a). Management Mathematics, Third-Year Class.

Lecturer to be announced. Ten classes, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

946. 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 7e; XI 5, 6 and 7b (third year). 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 1b (third year).

Statistics, Mathematics and Computing

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 and Economic Analysis*; K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*.

946(a). Mathematical Programming Class.

Dr. Land, Dr. Morton and others. Fifteen classes, Michaelmas and Lent Terms.

947. Theory of Games.

Dr. Morton. Five lectures, Lent Term, beginning in the sixth week.

For M.Sc.—*Mathematical Programming*, I 2(v); IV 2(iv); XI 3; XIX 7. Optional for B.Sc. (Econ.) Part II—*Economics Treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1b (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. Rapoport, *Fights, Games and Debates*.

948. Systems Analysis.

Mr. Land, Mr. Webb and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Management Data Processing*, XI 5, 6 and 7a (third year).

Syllabus.—Aspects of systems design—control of data flow, file organisation, the implementation and maintenance of systems. Information systems, classification of applications.

Recommended reading.—R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*.

(e) GRADUATE COURSES.

949. Advanced Probability.

Professor Offord. Twenty lectures, Michaelmas Term.

For M.Sc.—*Statistical Theory II*, XI 2b; XIX 1.

Syllabus.—Boolean algebras, and rings and measure spaces. Random variables. Notices of independence. Expected values. Generating functions. Characteristic functions. Sequences of distribution and characteristic functions and the Helly-Bray theorem. Limit theorems including the laws of large numbers and central limit theorems.

Recommended reading.—B. V. Gnedenko, *The Theory of Probability*; W. Feller, *An Introduction to Probability Theory and its Applications*; H. R. Pitt, *Integration, Measure and Probability*.

949(a). Advanced Probability Class.

Professor Offord. Five classes, Lent Term.

950. Stochastic Processes I.

Mr. Hajnal. Ten lectures, Lent Term.

For M.Sc.—*Statistical Theory II*, XI 2b; XIX 1; *Stochastic Processes and Applications*, XI 2a.

Lectures, Classes and Seminars

950(a). Stochastic Processes I. Class.

Mr. Brackstone. Ten classes, Lent Term.

951. Stochastic Processes. II.

Mr. Hajnal. Ten lectures, Summer Term (two hours a week for the first five weeks of term).
For M.Sc.—*Statistical Theory II*, XI 2b; XIX 1.

951(a). Stochastic Processes II Class.

Mr. Brackstone. Five classes, Summer Term.

952. Introduction to Sets and Metric Spaces.

(i) Theory.

Mr. Foldes. Twenty lectures, Michaelmas Term.

For M.Sc.—*Advanced Economic Analysis*, IV (2)(i). Optional for M.Sc.—*Statistical Theory II*, XI 2b; XIX 1; B.Sc. (Econ.) Part II—*Mathematical Logic*, X 6 and 7g; XI 2b; XVI 4b (third year).

(ii) Applications.

Professor Sargan. Ten lectures, Lent Term.

For M.Sc.—*Advanced Economic Analysis*, IV 2 (i).

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.—(a) 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*.

(b) On applications: G. Debreu, *Theory of Value*; H. W. Kuhn and A. W. Tucker, "Nonlinear Programming" (*Second Berkeley Symposium on Mathematical Statistics and Probability*).

953. Advanced Distribution Theory.

Mr. Mayne. Ten lectures, Lent Term.

For M.Sc.—*Statistical Theory II*, XI 2b; XIX 1.

Syllabus.—Distribution theory of quadratic forms of normally distributed random variables. Theory of approximations to statistical distributions. Selected topics in the theory of order statistics.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* Vol. I; H. Cramér, *Mathematical Methods of Statistics* (chaps. 11 and 24); A. E. Sarhan and B. G. Greenberg, *Contributions to Order Statistics*.

954. Statistical Inference.

Dr. Scott. Twenty-five lectures, Sessional.

For M.Sc.—*Statistical Theory III*, XIX 2.

Statistics, Mathematics and Computing

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*.

954(a). Statistical Inference Class.

Dr. Scott. Ten classes, Sessional.

955. Bayesian Inference.

Professor Durbin. Six lectures, Summer Term.

For M.Sc.—*Statistical Theory III*, XIX 2; *Design and Analysis of Statistical Investigation*, II 3vi; XI 1b; XIX 3.

Syllabus.—The course will deal with several topics at a more advanced level than course 922, as follows: personal probability. The general linear model. Tests based on the multinomial distribution. Departure from the standard specification of the model.

Recommended reading.—D. V. Lindley, *Introduction to Probability and Statistics from a Bayesian Viewpoint*, Vols. I and II.

956. Multivariate Analysis.

Dr. Wagle.

(i) Theory. Ten lectures, Michaelmas Term.

(ii) Applications. Ten lectures, Lent Term.

(i) and (ii) for M.Sc.—*Statistical Theory III*, XIX 2. (ii) for M.Sc.—*Design and Analysis of Statistical Investigation*, II 3 vi; XI 1b; XIX 3.

Syllabus.—Multivariate distributions. Tests of significance and inference in multivariate analysis. Component analysis. Discriminant analysis. Canonical analysis, multivariate analysis of variance. Factor analysis. Multivariate time series. Some applications in econometrics.

Recommended reading.—D. N. Lawley and A. E. Maxwell, *Factor Analysis and Statistical Method*; T. W. Anderson, *Introduction to Multivariate Statistical Analysis*; M. G. Kendall, *Multivariate Analysis*; C. R. Rao, *Advanced Statistical Methods in Biometric Research*; L. Thurstone, *Multiple Factor Analysis*; M. H. Quenouille, *The Analysis of Multiple Time Series*; W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*.

956(a). Multivariate Analysis Class.

Dr. Wagle. Five classes, Lent Term.

957. Ranking Methods.

Mr. Kalton. Ten lectures, Lent Term.

For M.Sc.—*Design and Analysis of Statistical Investigation*, II 3vi; XI 1b; XIX 3.

Syllabus.—The rationale and efficiency of ranking and other distribution-free methods. Two-sample and k -sample tests. Measures of association. Scoring techniques.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. 2 (chaps. 31, 32 and 33); M. G. Kendall, *Rank Correlation Methods*; S. Siegel, *Non-parametric Statistics for the Behavioral Sciences*; J. V. Bradley, *Distribution-free Statistical Tests*.

957(a). Ranking Methods Class.

Mr. Kalton. Five classes, Lent Term.

Lectures, Classes and Seminars

958. Further Sample Survey Theory and Methods.

Mr. Kalton. Twenty lectures, Sessional, beginning in the sixth week of the Michaelmas Term.

Note.—This course presupposes attendance at Course No. 921.

For M.Sc.—*Survey Theory and Methods*, XIX 8.

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*.

958(a). Further Sample Survey Theory and Methods Class.

Mr. Kalton. Six classes, Lent and Summer Terms.

959. Survey Design, Execution and Analysis.

Mr. Kalton and others. Twenty classes of two hours each, Michaelmas and Lent Terms.

For M.Sc.—*Survey Theory and Methods*, XIX 8.

960. Design and Analysis of Experiments.

Mr. T. M. F. Smith. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Design and Analysis of Statistical Investigation*, II 3(vi); XI 1b; XIX 3.

Syllabus.—Principles of experimental design. Randomised blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. Analysis and interpretation of experimental results. Experimental complications and special analyses.

Recommended reading.—R. A. Fisher, *The Design of Experiments*; W. G. Cochran and G. M. Cox, *Experimental Designs*; O. L. Davies and others, *The Design and Analysis of Industrial Experiments*; H. Scheffé, *The Analysis of Variance*; D. R. Cox, *The Planning of Experiments*; H. C. Fryer, *Concepts and Methods of Experimental Statistics*.

960(a). Design and Analysis of Experiments Class.

Five classes, Summer Term.

961. Basic Time Series Analysis.

Professor Durbin. Two hours per week, Michaelmas Term.

For M.Sc.—*Econometric Theory*, IV 2(ii); XI 4(iv); XIX 6; *Statistical Theory III*, XIX 2.

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*.

962. Further Time Series Analysis.

Professor Durbin. Two hours per week, Lent Term.

For M.Sc.—*Econometric Theory*, XI 4(iv); XIX 6. Optional for M.Sc.—*Econometric Theory*, IV 2(ii); *Statistical Theory III*, XIX 2.

Syllabus.—Trend estimation and elimination. Seasonal adjustment of economic time series. Forecasting. Estimation of spectrum. Cross-spectral methods. Further treatment of model-fitting. Regression analysis with autocorrelated errors.

Recommended reading.—See Course No. 961 above.

Statistics, Mathematics and Computing

963. Fortran Programming.

Miss Brown. A basic course will be given twice during the session:

(a) One hour per week, Michaelmas Term.

For M.Sc. Statistics, Operational Research and Demography.

(b) Course lasting five days, Easter vacation.

Recommended for those interested in learning the elements of Fortran programming.

964. Statistical Analysis, Practical Class.

Miss Brown. Lent Term.

For M.Sc.—Statistics, *Practical Work*.

Fortran computer language will be used.

965. Tutorial Class in Statistics.

Professor Durbin will see students in small groups throughout the session.

For M.Sc. Statistics.

966. Monte Carlo Methods and Numerical Analysis.

Mr. Rosenhead. Fifteen lectures, Lent Term (two lectures per week for the first five weeks of term). For M.Sc.—*Automatic Data Processing*, XI 4(iii).

Syllabus.—Generation of random numbers and pseudorandom numbers. Generation of random variables with given distributions. Monte Carlo methods of integration. Monte Carlo methods for solving systems of linear algebraic equations. Monte Carlo methods for optimisation problems. Matrix algebra. Numerical methods for solving systems of linear algebraic equations. Characteristic values and vectors.

Recommended reading.—J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods* (chaps. 1 to 7); K. D. Tocher, *The Art of Simulation* (chaps. 1 to 6); T. H. Naylor et al., *Computer Simulation Techniques* (chaps. 3 and 4); M. Marvin, *Basic Theorems in Matrix Theory*; V. N. Faddeeva, *Computational Methods of Linear Algebra* (Dover Books edn.); D. D. McCracken and W. S. Dorn, *Numerical Methods and Fortran Programming* (chap. 8).

967. Computing, Graduate Class.

Mr. Garside. Fifteen classes, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.—*Automatic Data Processing*, XI 4(iii).

968. File Processing.

Dr. Losty and others. Ten lectures, Lent Term.

For M.Sc.—*Automatic Data Processing*; XI 4(iii). Optional for B.Sc. (Econ.) Part II—*Management Data Processing*, XI 5, 6 and 7a (third year).

Syllabus.—File organisation. Serial and random access files. Methods for file processing: searching and sorting. The elements of COBOL as a procedure-oriented language. Applications to business systems and procedures: payroll, inventory, financial accounting, costing, etc. Data transmission. Real-time systems.

969. Statistical Theory I.

Dr. Knott and Mr. Rogers. Two lectures and one class a week. Sessional.

For M.Sc.—*Statistical Theory I*, XI 1a.

970. Management Mathematics, Graduate Course.

Mr. Rosenhead. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.—*Stochastic Processes and Applications*, XI 2a.

Lectures, Classes and Seminars

970(a). Management Mathematics, Graduate Class.
Twenty classes, Michaelmas and Lent Terms.

971. Mathematical Programming, Graduate Course.
Dr. Land and Dr. Morton. Thirty lectures, Michaelmas and Lent Terms, two hours a week in the Michaelmas Term.
For M.Sc.—*Mathematical Programming*, I 2(v); IV 2(iv); XI 3; XIX 7.

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*.

971(a). Mathematical Programming, Graduate Class. Dr. Land, Dr. Morton and others. Thirty classes, Michaelmas and Lent Terms.

972. Economics for Operational Research.
Mr. Perlman. Ten lectures, Summer Term.
Optional for M.Sc. in 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.

973. Selected Topics in Operational Research.
Dr. Morton and others. Fifteen meetings, Lent and Summer Terms.
For M.Sc.—*Operational Research Methods*, XI 4(i).

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.

974. Tutorial Class in Operational Research.
Dr. Land and Dr. Morton. Sessional.
For M.Sc. in Operational Research.

975. Systems Analysis I, Graduate Course.
Mr. Land and others.
For M.Sc.—Accounting, Operational Research and Statistics.

976. Systems Analysis II, Graduate Course.
Mr. Land and others.
For M.Sc.—Accounting; Operational Research (final year).

977. Statistical Techniques in Survey Analysis.
Miss Gales and Mr. Gattoni. Fifteen lectures, Lent and Summer Terms.
For M.Sc.—*Methods of Sociological Study*, II 3(i); XVIII 2. (Students should attend this course or No. 863 or No. 979.) Also for graduate students in Psychology. It will be assumed that students have a knowledge of statistics to the standard of Course No. 909.

Statistics, Mathematics and Computing

Syllabus.—Elements of probability. Principles of experimental design. Analysis of variance and co-variance. Correlation techniques. Multiple regression. Distribution-free tests.

Recommended reading.—D. R. Cox, *Planning of Experiments*; M. J. Moroney, *Facts from Figures*; H. M. Walker and J. Lev, *Statistical Inference*; M. H. Quenouille, *Associated Measurements*; W. L. Hays, *Statistics for Psychologists*; A. E. Maxwell, *Analysing Qualitative Data*; J. L. Hodges and E. L. Lehmann, *Basic Concepts of Probability and Statistics*; M. J. Hagood and D. O. Price, *Statistics for Sociologists*; M. G. Kendall, *Rank Correlation Methods*.

978. Introduction to Factor Analysis.
Mr. Kalton. Ten lectures, Summer Term.
For graduate students in Sociology, Psychology, etc. It will be assumed that students have a knowledge of statistics to the standard of Course No. 977.

Syllabus.—Centroid analysis. Principal axis analysis. Orthogonal and oblique rotations. Estimating factor loadings and factor scores.

Recommended reading—D. N. Lawley and A. E. Maxwell, *Factor Analysis as a Statistical Method*; H. H. Harman, *Modern Factor Analysis*; L. L. Thurstone, *Multiple-factor Analysis*; B. Fruchter, *Introduction to Factor Analysis*.

979. Mathematical Methods in Sociology.
Dr. Morton. Five lectures, Summer Term.
For M.Sc.—*Methods of Sociological Study*, II 3(i); XVIII 2. (Students should attend this course or No. 863 or No. 977.)

980. Theory of Least Squares.
Professor Stuart. Ten lectures, Summer Term.
Recommended for M.Sc. in Statistics.

Recommended reading.—M. G. Kendall and A. Stuart, *Advanced Theory of Statistics* (chaps. 19, 24 and 27, Vol. 2 and chap. 35, Vol. 3).

981. Statistics Seminar.
Professors Sir Roy Allen, Durbin and Stuart will hold a fortnightly seminar throughout the session. Admission will be by permission of the professors concerned.

982. Joint Statistics Seminar.
A fortnightly seminar 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.

983. Statistical Inference: Current Viewpoints and their Historical Development (Seminar).
Professor Dempster. Michaelmas Term.
For staff and graduate students.

Publications of the School

From the School's original 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 flow of papers, books, and journals, some issued directly from the School, some issued for the School by one or other of the well-known British and American publishers.

JOURNALS

Three journals are edited and published from the School: *Economica* (founded in 1921), 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.

BOOKS AND PAMPHLETS

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 & Sons Ltd.)

Monographs on Social Anthropology (Athlone Press)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Papers in Soviet and East European Law, Economics and Politics (Athlone Press)

Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (G. Bell & Sons Ltd.)

Geographical Papers (Geography Department, L.S.E.)

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 & Sons Ltd.)

The Report Series and the Reprint Series of the Unit for Economic and Statistical Studies on Higher Education, L.S.E.

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, can be had on application to the Publications Officer at the School.

L.S.E. PUBLISHING: A NEW PLAN

The School has appointed Weidenfeld and Nicolson as its publisher. In future, books sponsored or initiated by the Publications Committee of the School will be produced under a joint imprint of the School and Weidenfeld and Nicolson. It is the essence of this arrangement that an author can expect as good (or better) treatment, and as high (or higher) remuneration, as he might obtain elsewhere. In most instances the author will be on a direct contract with the publisher. The object is to provide a first-class and ready-made vehicle for the publishing of such works of scholarship as may be offered, and to initiate ideas for books or series of books from individuals, departments or groups within the School. Anyone interested should get in touch with any member of the Publications Committee, or with the Publications Officer of the School.

Index

	PAGE		PAGE
Academic Awards	83-96	B.A. Degrees 194-5, 197-8, 201-3, 204-5, 209	
Academic Board (Committees) ..	39-40	B.Sc. Degrees ..	195-201, 203-4, 205-6
Academic and Research Staff ..	24-32	B.Sc. (Econ.) Degree ..	177-191, 203-4, 205-9
Academic Staff by Departments ..	34-7	B.Sc. (Sociology) Degree ..	194, 206-9
Part-time Academic Staff ..	33	B.Sc. (Special) Degrees ..	195, 197-8
Accommodation, Residential ..	268-71	Bailey, S. H., Scholarship ..	153-4
Accounting and Finance:		Banking, <i>see</i> Monetary Economics.	
B.Sc. (Econ.) Spec. Sub. V ..	179, 183-4	Bar, The	210
Courses in	311-4	Bassett Memorial Prizes	174
M.Phil. (Econ.) in	228-9, 233, 245-6	<i>Beaver</i>	265
M.Sc. in	228-9, 233-6	Board of Discipline	143
Prize	174	Bowley Prize	176
Scholarships	149-50, 151, 155-6, 156-7	<i>British Journal of Industrial Relations</i> ..	513, 522
Accounts, Annual, 1965-66	63-82	<i>British Journal of Sociology, The</i> ..	513, 526
Actuarial Profession, The	211	British Library of Political and Eco- nomic Science	255-9
Acworth Scholarship	162-3	Bryce Memorial Scholarship	154-5
Address of School	8	Building Management Research Unit ..	99
Administrative Staff	41-3	Buildings of the School	7
Admission of Students	135-41	Bursaries:	
Admissions Office	8	Graduate Students	163-4
Allyn Young Prize	172	Special	154
Anthropology:		Business Studies:	
Academic Postgraduate Diploma		Manor Trust donations	163
in	249-50	M.Phil. (Econ.) in Business Ad- ministration	228-9, 233, 245-6
B.A.	195	Calendar 1967-68	10-19
B.Sc.	195-7	Canterbury Hall	270
B.Sc. (Econ.) Spec. Sub. XIII ..	179, 188	Careers	263-4
B.Sc. (Special)	195	Carr-Saunders Hall	268-9
Courses in	443-9	Staff	43
M.Phil. (Arts) in	228-9, 233, 246	Central Research Fund	171
M.Phil. (Econ.) in	228-9, 233, 245-6	Chartered Institute of Secretaries Scholarship	152
M.Sc. in	228-9, 233-5, 242	Christie Exhibition	150
Prize	172	<i>Clare</i>	265
University Studentship in	168	Clothworkers' Company's Exhibitions ..	155
Applied Social Studies:		Clubs Affiliated to the Athletic Union ..	266
Courses in	471-4	College Hall	270
Diploma in	221-3	Commerce, Stern Scholarships in ..	155-6
Prize	175	Committees of the Academic Board ..	39-40
Supervisors of the Courses	474	Committees of the Court of Governors ..	38-39
Applied Statistics, Courses in	497-500	Commonwealth Hall	269
Area Studies: M.A. in	244-5	Computer Services	104
Arthur Andersen Prize in Accounting ..	174	Computing:	
Associate Students	141, 212	B.Sc. (Econ.) Spec. Sub. XI ..	179, 187
Association of Certified and Corporate		Courses in	500-3
Accountants	210	Prize	172-3
Scholarship	151	Scholarship in	149-50
Athletic Awards	97		
Athletic Union	266-7		
Awards for Study in the U.K. and			
Abroad	171		

Index

	PAGE		PAGE
Studentships, <i>see under</i> Scholarships, Studentships, Exhibitions and Bursaries		Travelling Studentships	169
Survey Research Centre	102-3	Undergraduate Scholarships ..	152, 152-6
Terms, Dates of	9	Unit for Economic and Statistical Studies on Higher Education, ..	103
Timetabling Office	8	University Central Council on Admissions	135-6
Trade Union Studies:		University Entrance Requirements ..	136
Course in	253	University Library	259-60
Courses in	349-51	University Postgraduate Studentships	167-8
Prizes	174, 176	University Postgraduate Travelling Studentships	169
Scholarships	152	University Registration of Students ..	141
Transport:		University Studentships	168
Courses in	293-4, 300-1	William Farr Prize	172-3
Prizes	175	William Goodenough House	271
Scholarships	162-3	William Lincoln Shelley Studentship ..	168-9
Studentship	162		
<i>see also</i> Geography			
<i>Transport Economics and Policy, Journal of</i>	513, 525		

L.S.E. Books

The latest volumes to be published are described below. A full catalogue of books in print can be obtained from the Publications Officer, The London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

The Troubled Giant

Britain among the Great Powers 1916-1939

F. S. NORTHEDGE

"One has to compliment the author on his narrative skill as he carves his way energetically through the mass of detail with which he has to contend. Not only will many people find this book useful; there will also be many who will find it of absorbing interest."

The Economist

"An admirable account of British foreign policy between the two world wars."

C. M. Woodhouse in the *Daily Telegraph*

"Dr. Northedge shows a masterly grasp of world history for over twenty years."

Elizabeth Wiskemann, B.B.C. European Service News Talk

G. Bell & Sons Ltd., xi + 657 pp., 3 maps, 8½" × 5½", cloth, 84s. net

The Foundations of Political Theory

H. R. G. GREAVES

Second edition with a new Introduction

"This is a bold and well-reasoned book, refreshingly different from the timorous essays in scepticism which form the bulk of present-day political philosophy. It is worthy of a great deal of exhaustive analysis . . ."

Times Educational Supplement

"Without any doubt, this is a book which should be read with the care and thoroughness that has gone into its writing. Mr. Greaves is talking about questions which are at the heart of politics."

Public Law

"A well-knit and soundly-argued exposition of a possible moral basis of a modern democratic political philosophy."

The Annals of the American Academy

G. Bell & Sons Ltd., vii + 208 pp., 8½" × 5½", paper covers, 16s. net

BRITISH JOURNAL OF INDUSTRIAL RELATIONS

*Published by the London School of Economics and Political Science
The journal presents the results of recent study and research on all
aspects of the employment relationship. It contains articles on wages and
salaries; on psychology and sociology applied to personnel problems;
on labour statistics; on the legal and political problems of industrial
relations; also studies of trade unions and management and their place
in society and discussion of international developments.*

VOLUME IV, NUMBER 3, NOVEMBER 1966

THE SELECTIVE EMPLOYMENT TAX AND THE LABOUR MARKET *by J. P. Hutton and K. Hartley*

THE GROWTH OF WHITE-COLLAR UNIONISM IN GREAT BRITAIN *by George Sayers Bain*

THE MOTOR INDUSTRY IN A DEVELOPMENT DISTRICT: A CASE STUDY OF THE LABOUR FACTOR *by J. F. B. Goodman and P. J. Samuel*

MANAGERIAL IDEOLOGY AND LABOUR RELATIONS *by Alan Fox*

THE ECONOMICS OF STRUCTURING AN INDUSTRIAL LABOUR FORCE: SOME REFLECTIONS ON THE COMMITMENT PROBLEM *by Subbiah Kannappan*

CHRONICLE BOOK REVIEWS BOOKS RECEIVED

VOLUME V, NUMBER 1, MARCH 1967

SYMPOSIUM ON PRODUCTIVITY BARGAINING

STIMULATING PRODUCTIVITY: CHOICES, PROBLEMS AND SHARES *by George P. Shultz and Robert B. McKersie*

THE OWNERSHIP OF WORK: A PSYCHOLOGICAL APPROACH *by Roger Holmes*

PRODUCTIVITY AGREEMENTS AND THE STRUCTURE OF COLLECTIVE BARGAINING *by Ellen McCullough*

THE RELATIONSHIP OF PLANT PRODUCTIVITY AGREEMENTS TO INCOMES POLICY *by W. R. C. Keeler*

THE STATUS AGREEMENT FOR INDUSTRIAL STAFF IN ELECTRICITY SUPPLY *by R. D. V. Roberts*

* * *

FRINGE BENEFITS - A LOCAL SURVEY *by A. F. Young and J. H. Smith*

RESPONSIBLE SELF-GOVERNMENT IN BRITISH TRADE UNIONS *by R. W. Rideout*

APPRENTICESHIP - A THEORETICAL MODEL *by N. F. Dufty*

CHRONICLE BOOK REVIEWS BOOKS RECEIVED

*The Journal appears three times a year, March, July and November.
Obtainable, postage included, from the Secretary, British Journal of
Industrial Relations, London School of Economics and Political Science,
Houghton Street, Aldwych, London, W.C.2.
18s. a copy, 50s. one year, £7 three years. Overseas: 20s., 54s., £7 10s.*

ECONOMICA

Volume XXXIII (New Series) 1966, contains the following articles:

Alternative Specification of Economies of Scale Romesh K. Diwan

Capital, Profit and Bonus in Soviet Industry: A Comment C. A. Knox Lovell

Changes in the Money Supply in the United Kingdom, 1954 to 1964

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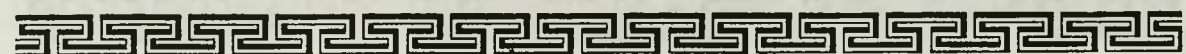
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Zambia's Outlet to the Sea - A Case Study in Colonial Transport Development	R. S. Doganis
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52



