



USE UNREGISTERED

1974





PASSFIELD HALL

The London School of Economics and Political Science

A School of the University of London



CALENDAR

1963-64

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

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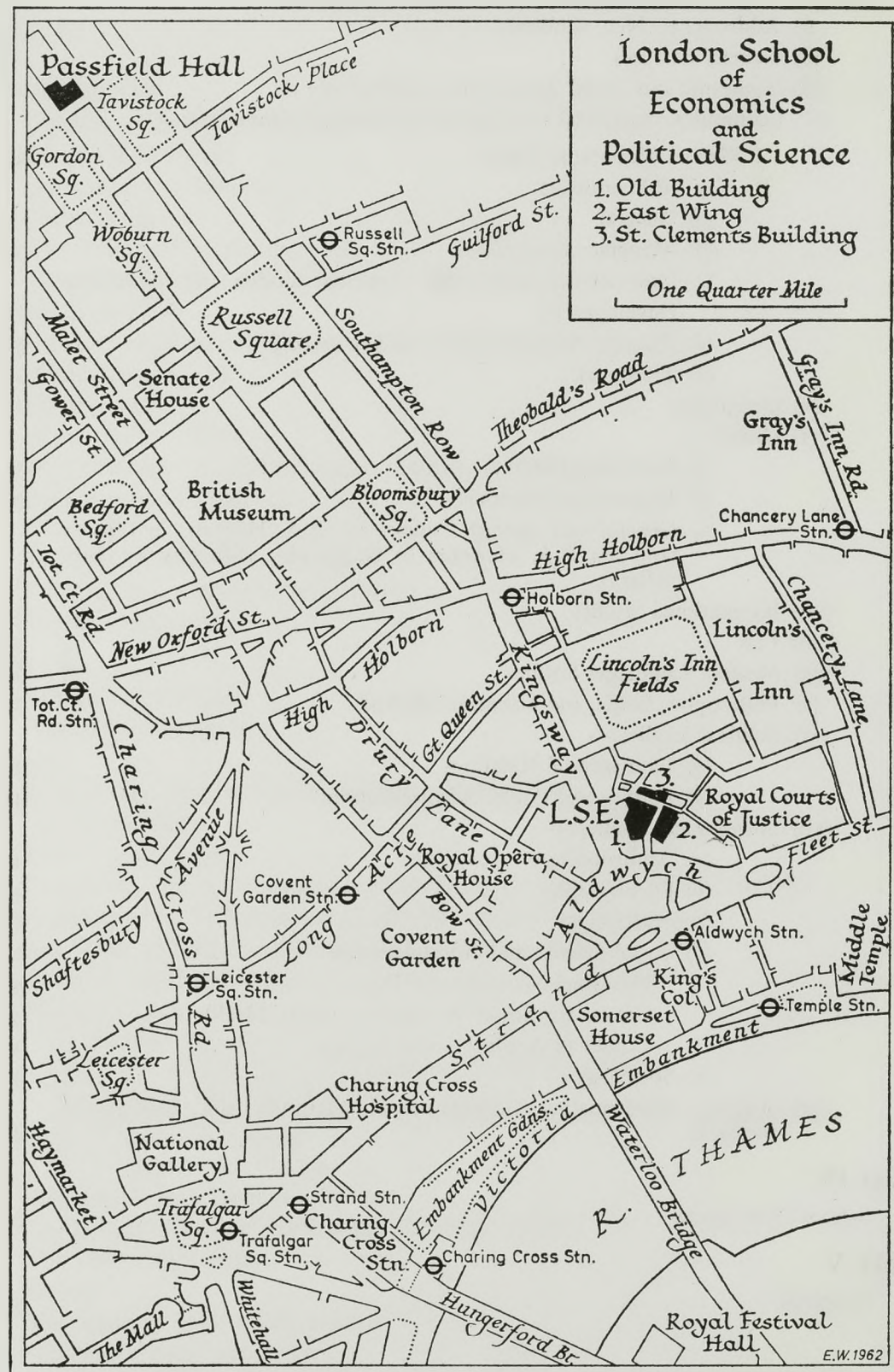
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LOCATION OF THE SCHOOL



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

Telephone Number: Holborn 7686.

Telegrams: Poleconics, Estrand.

Office Hours for Enquiries:

Registry (Room 60)

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

and additionally during term time:

Michaelmas and Lent Terms

Tuesday and Thursday: 5.0 p.m. to 7.15 p.m.

Summer Term

Thursday: 5.0 p.m. to 7.15 p.m.

Admissions Office (Room 52)

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

Evening students by appointment.

Timetables Office (Room 56)

Monday to Friday: 11.30 a.m. to 12.30 p.m.
3.30 p.m. to 4.30 p.m.

Evening students by appointment.

Official Publications:

Calendar of the School, £1 is. od. post free.

The Annual Report by the Director on the Work of the School.

Handbook of Undergraduate Courses.

The Graduate School.

Department of Anthropology.

Department of Statistics, Mathematics, Computational Methods and
Operational Research.

Joint School of Geography.

Academic Postgraduate Diploma in Public Administration.

Department of Business Administration.

Course in Industrial Financing.

Diploma in Economic and Social Administration.

Diploma in Operational Research.
 Joint Postgraduate Studies in Technology, Economics and Administration.
 Department of Social Science and Administration.
 Personnel Management Course.
 Professional Social Work Courses.
 Certificate in International Studies.
 Foreign Service Course.
 Trade Union Studies.

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

DATES OF TERMS

1963-64

MICHAELMAS TERM: Monday, 30 September to Tuesday, 10 December 1963.

LENT TERM: Wednesday, 8 January to Tuesday, 17 March 1964.

SUMMER TERM: Wednesday, 22 April to Friday, 26 June 1964.

1964-65

MICHAELMAS TERM: Monday, 5 October to Tuesday, 15 December 1964.

CALENDAR 1963-64

(University functions in Italics)

SEPTEMBER 1963

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

OCTOBER 1963

1	Tu	<i>University Michaelmas Term begins.</i>
2	W	
3	Th	
4	F	
5	S	
6	S	Meeting of Professors of Economics, 4.0 p.m. Building Committee, 5 p.m. <u>Standing Committee, 5 p.m.</u> Library Committee, 2 p.m. Graduate School Committee, 4 p.m. Standing Sub-Committee of the Appointments Committee, 4.30 p.m.
7	M	
8	Tu	
9	W	
10	Th	
11	F	
12	S	
13	S	General Purposes Committee, 2 p.m. Appointments Committee, 4.30 p.m.
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	S	Admissions Committee, 10 a.m. <i>Board of Studies in Economics, 2.30 p.m.</i> Graduate School Committee, 4 p.m.
21	M	
22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	S	Investments Committee, 5 p.m. Academic Board, 2 p.m. Standing Sub-Committee of the Appointments Committee, 4.30 p.m.
28	M	
29	Tu	
30	W	
31	Th	

NOVEMBER 1963

1	F	
2	S	
3	S	Meeting of Professors of Economics, 4.0 p.m. Library Committee, 2 p.m. Graduate School Committee, 4 p.m.
4	M	
5	Tu	
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	Building Committee, 5 p.m.
12	Tu	<u>Standing Committee, 5 p.m.</u>
13	W	General Purposes Committee, 2 p.m. Scholarships and Prizes Committee, 4.15 p.m. Appointments Committee, 4.30 p.m.
14	Th	
15	F	
16	S	
17	S	
18	M	<i>Board of Studies in Economics, 2.30 p.m.</i> Graduate School Committee, 4 p.m.
19	Tu	
20	W	
21	Th	
22	F	
23	S	
24	S	Admissions Committee, 10 a.m. Travel Grants Committee, 12 noon. Academic Board, 2 p.m. Research Committee, 4.30 p.m.
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	

CALENDAR 1963-64
DECEMBER 1963

1	S	
2	M	
3	Tu	
4	W	Publications Committee, 2.15 p.m. Graduate School Committee, 4 p.m.
5	Th	
6	F	Oration Day.
7	S	
8	S	
9	M	
10	Tu	Standing Committee, 5 p.m. School Michaelmas Term ends.
11	W	Court of Governors, 5 p.m. <i>University Michaelmas Term ends.</i>
12	Th	
13	F	
14	S	
15	S	
16	M	Building Committee, 5 p.m.
17	Tu	
18	W	Standing Sub-Committee of Appointments Committee 2 p.m.
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	Christmas Day.
26	Th	Boxing Day.
27	F	
28	S	
29	S	
30	M	
31	Tu	

CALENDAR 1963-64
JANUARY 1964

1	W	
2	Th	
3	F	
4	S	
5	S	
6	M	
7	Tu	Admissions Committee, 10 a.m.
8	W	School Lent Term begins. <i>University Lent Term begins.</i> Graduate School Committee, 4 p.m.
9	Th	
10	F	
11	S	
12	S	
13	M	Meeting of Professors of Economics, 4.0 p.m.
14	Tu	Standing Committee, 5 p.m.
15	W	Library Committee, 2 p.m.
16	Th	
17	F	
18	S	
19	S	
20	M	
21	Tu	Investments Committee, 5 p.m.
22	W	General Purposes Committee, 2 p.m. Appointments Committee, 4.30 p.m.
23	Th	
24	F	
25	S	
26	S	
27	M	
28	Tu	
29	W	<i>Board of Studies in Economics</i> , 2.30 p.m. Graduate School Committee, 4 p.m.
30	Th	
31	F	

CALENDAR 1963-64
FEBRUARY 1964

1	S	
2	S	
3	M	Promotion Sub-Committees will meet this week.
4	Tu	
5	W	Academic Board, 2 p.m.
6	Th	
7	F	
8	S	
9	S	
10	M	Meeting of Professors of Economics, 4.0 p.m.
11	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m.
12	W	Library Committee, 2 p.m. Graduate School Committee, 4 p.m. Standing Sub-Committee of Appointments Committee, 4.30 p.m.
13	Th	
14	F	
15	S	
16	S	
17	M	Building Committee, 5 p.m.
18	Tu	
19	W	General Purposes Committee, 2 p.m. Scholarships and Prizes Committee, 4.15 p.m. Appointments Committee, 4.30 p.m.
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	Board of Studies in Economics, 2.30 p.m. Graduate School Committee, 4 p.m.
27	Th	Research Committee, 5 p.m.
28	F	
29	S	

MARCH 1964

1	S	
2	M	
3	Tu	
4	W	Travel Grants Committee, 12 noon. Academic Board, 2 p.m. Publications Committee, 4.30 p.m.
5	Th	
6	F	
7	S	
8	S	
9	M	Meeting of Professors of Economics, 4.0 p.m.
10	Tu	Admissions Committee, 10 a.m. Standing Committee, 5 p.m. Graduands' Dinner.
11	W	Presentation Day. Standing Sub-Committee of Appointments Committee, all day. Graduate School Committee, 2 p.m.
12	Th	
13	F	
14	S	
15	S	
16	M	Building Committee, 5 p.m.
17	Tu	School Lent Term ends.
18	W	Appointments Committee, 2 p.m. <i>University Lent Term ends.</i>
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	
26	Th	
27	F	Good Friday.
28	S	
29	S	Easter Day.
30	M	Easter Monday.
31	Tu	

APRIL 1964

1	W	
2	Th	
3	F	
4	S	
5	S	
6	M	
7	Tu	
8	W	
9	Th	
10	F	
11	S	
12	S	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	S	
20	M	Graduate School Committee, 2 p.m.
21	Tu	
22	W	School Summer Term begins. <i>University Summer Term begins.</i>
23	Th	
24	F	
25	S	
26	S	
27	M	Meeting of Professors of Economics, 4.0 p.m.
28	Tu	Standing Committee, 5 p.m.
29	W	Library Committee, 2 p.m. Graduate School Committee, 4 p.m. Standing Sub-Committee of Appointments Committee, 4.30 p.m.
30	Th	

MAY 1964

1	F	
2	S	
3	S	
4	M	
5	Tu	Admissions Committee, 10 a.m.
6	W	General Purposes Committee, 2 p.m. Appointments Committee, 4.30 p.m.
7	Th	
8	F	
9	S	
10	S	
11	M	Building Committee, 5 p.m.
12	Tu	Research Committee, 4.30 p.m. Graduands' Dinner.
13	W	<i>Presentation Day.</i> Board of Studies in Economics, 2.30 p.m. Graduate School Committee, 4 p.m.
14	Th	
15	F	
16	S	
17	S	Whit Sunday.
18	M	Whit Monday.
19	Tu	Investments Committee, 5 p.m.
20	W	Academic Board, 2 p.m.
21	Th	
22	F	
23	S	
24	S	
25	M	Meeting of Professors of Economics, 4.0 p.m.
26	Tu	Standing Committee, 5 p.m.
27	W	Library Committee, 2 p.m. Standing Sub-Committee of Appointments Committee, 4.30 p.m.
28	Th	
29	F	
30	S	
31	S	

JUNE 1964

1	M	General Purposes Committee, 2 p.m. Appointments Committee, 4.30 p.m.
2	Tu	
3	W	
4	Th	
5	F	
6	S	
7	S	Board of Studies in Economics, 2.30 p.m. Graduate School Committee, 4 p.m. Scholarships and Prizes Committee, 4.15 p.m.
8	M	
9	Tu	
10	W	
11	Th	
12	F	Building Committee, 5 p.m.
13	S	
14	S	
15	M	Travel Grants Committee, 12 noon. Academic Board, 2 p.m. Court of Governors, 5 p.m.
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	S	Standing Committee, 5 p.m. Graduate School Committee, 2 p.m. Publications Committee, 12 noon.
22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	S	School Summer Term ends.
29	M	
30	Tu	

JULY 1964

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

Year	Month	Day	Day of Week	Notes
1900	Jan	1	W	
		2	Th	
		3	F	
		4	S	
		5	S	
		6	M	
		7	Tu	
		8	W	
		9	Th	
		10	F	
		11	S	
		12	S	
		13	M	
		14	Tu	
		15	W	
		16	Th	
		17	F	
		18	S	
		19	S	
		20	M	
		21	Tu	
		22	W	
		23	Th	
		24	F	
		25	S	
		26	S	
		27	M	
		28	Tu	
		29	W	
		30	Th	
		31	F	

**PART I
GENERAL INFORMATION**

THE COURT OF GOVERNORS

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M.I.Chem.E., M.E.I.C.

¹NORMAN BENTWICH, O.B.E., M.C., LL.D. (to 31 August 1964).

⁴G. H. BOLSOVER, O.B.E., M.A., Ph.D. (to 31 December 1965).

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S. P. CHAMBERS, C.B., C.I.E., B.Com., M.Sc.Econ.

Sir GEOFFREY CROWTHER, M.A., LL.D., D.Sc.Econ.

¹C. G. DENNYS, C.B., M.C. (to 31 August 1964).

¹Representing the London County Council.

³Representing the London School of Economics Society.

⁴Representing the Senate of the University of London.

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⁴Sir PATRICK LINSTAD, C.B.E., M.A., D.Sc., F.R.I.C., D.I.C.,
 F.R.S. (to 31 December 1965).
 Sir ANDREW MCFADYEAN, M.A.
²D. G. MACRAE, M.A. (to 31 July 1968)
 Sir GEORGE MADDEX, K.B.E., F.I.A.
 T. H. MARSHALL, C.M.G., M.A.
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²M. J. OAKESHOTT, M.A. (to 31 July 1965).
 Miss M. OSBORN, M.A.
¹JOHN PARKER, M.A., M.P. (to 31 August 1964).
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 SIR RICHARD POWELL, K.C.B., K.B.E., C.M.G.

¹Representing the London County Council.

²Representing the Academic Board.

⁴Representing the Senate of the University of London.

- The Most Reverend and Right Hon. A. M. RAMSEY, D.D., ARCH-
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 Sir GEORGE REID, K.B.E., C.B., B.Sc.Econ.
²The Right Hon. Lord ROBBINS, C.B., B.Sc. Econ., M.A., D. Litt.,
 L.H.D., LL.D., Dr. of the Universidades Técnica de Lisboa,
 F.B.A. (to 31 July 1964).
⁴K. E. ROBINSON, M.A., F.R.Hist.S. (to 31 December 1965)
 R. S. F. SCHILLING, M.D., M.R.C.P., D.P.H., D.I.H.
²Miss B. N. SEEAR, B.A. (to 31 July 1967).
 F. SEEBOHM, T.D.
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 D. TYERMAN, B.A.
¹L. L. WARE, B.Sc., M.A., Ph.D., A.R.C.S., D.I.C. (to 31 August 1964).
 Sir REGINALD WILSON, B.Com., M.Inst.T.
²M. J. WISE, M.C., B.A., Ph.D. (to 31 July 1966).
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 The Vice-Chairman of the Court of Governors
 The Director
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 Sir Jock Campbell
 Mr. L. Farrer-Brown
 Mr. V. Feather
 Sir Edwin Herbert
 Sir Alan Hitchman
 Sir George Maddex

¹Representing the London County Council.

²Representing the Academic Board.

⁴Representing the Senate of the University of London.

Professor M. J. Oakeshott
 Lord Robbins
 Professor M. J. WISE

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 The Director
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 Sir Alan Hitchman
 Dr. D. C. Coleman
 Professor B. C. Roberts
 Mr. R. Turvey
 Dr. D. G. Valentine
 Professor M. J. Wise

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 The Secretary }
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 Dr. L. L. Ware
 Miss M. F. Webb
 Mr. R. A. Wilson
 Dr. A. R. Bridbury
 Dr. K. M. Clayton
 Dr. B. A. Corry
 Mr. W. H. N. Hotopf
 Professor D. G. MacRae
 Professor B. S. Yamey

} representing the Academic Board

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 Research Division)
 Professor H. R. G. Greaves (Chairman, Government Research
 Division)
 Professor S. A. de Smith (Chairman, Legal Research Division)
 Professor D. V. Glass (Chairman, Social Research Division)
 Professor J. Durbin (Chairman, Research Techniques Division)

Dr. B. Abel-Smith
 Dr. M. S. Anderson
 Professor R. W. Firth
 Professor A. W. Phillips
 Professor B. C. Roberts

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- D. A. YOUNG, B.Sc.(Soc.); Research Officer, Social Research Division.
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- Sir RONALD EDWARDS, K.B.E., B.Com., D.Sc.Econ.; Professor of Economics (with special reference to Industrial Organisation).
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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 (1903–1908) and of the Hon. W. Pember Reeves (1908–1919) 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. 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.

1914–1939

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, 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 new section now 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 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 Oversea

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 1960 new diplomas in Economic and Social Administration, and in Operational Research were instituted.

Physical expansion of the School has been rendered imperative by the increasing numbers of students and staff. Pending the acquisition of additional properties some reduction of overcrowding has been 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. By 1964 the School hopes to acquire the premises of the Government Chemist adjoining the St. Clements Building. Future building plans will therefore cover 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; and, it is hoped, the eventual re-development of the island site referred to above. Between the completion of the St. Clements Building 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.

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.

GENERAL

The Library is described on pages 260 to 265. Study-rooms, most of which are provided with books and periodicals in regular use, are available to third year undergraduates. In addition, there are two research reading rooms within the Library.

Research remains a normal part of the work of the School. It is organised at present in two ways. The majority of the members of the teaching staff are members of one or other of four Research Divisions.

In addition, the Sociological Research Unit and the Research Techniques Division undertake special projects of research with the aid of a small permanent research staff.

Some part of the research work of the School appears in *Economica*, in *The British Journal of Sociology*, founded in 1950, which is published quarterly for the School by Routledge and Kegan Paul, Ltd., and in the *British Journal of Industrial Relations*, the first issue of which was published by the School in February 1963. Since the war the School has published works by its staff and students in a uniform series, under an arrangement first with Longmans Green and Company, and now with G. Bell and Sons, replacing the pre-war arrangements under which the School sponsored the publication of such works. Two series of reprints of works which because of their scarcity are not generally available to students are also published by the School, together with a series of monographs on social anthropology.

In view of the difficulties in providing satisfactory living accommodation in London for students living away from home and of the demand for greater opportunities for developing corporate life amongst students, the Governors of the School resolved to acquire premises for use as Halls of Residence. Although, in consequence of the heavy competition for buildings in London, the acquisition of suitable premises has presented great difficulties, one Hall of Residence has been opened and extended and a second will be available by about 1966.

Students joining the School will find wide opportunities for an active social life. All students are members of the Students' Union. The Union includes Music, Art and Drama Societies, whilst affiliated to it are many other societies established for the promotion of religious, political and cultural interests. Concerts and gramophone recitals are frequently held in the Founders' Room, which also houses the Shaw Library of general literature. There are also within the School branches of various university societies. The Union has offices in the School's buildings and a number of common rooms. It publishes the magazine, *The Clare Market Review*, and a fortnightly newspaper, *Beaver*. Meetings of the Union are held regularly and are open to all members.

All students may join the Athletic Union of the School on paying the membership subscription to any of its constituent clubs. The School maintains for use by the Athletic Union and its constituent athletic clubs a 20-acre sports ground at New Malden, Surrey, where there are two pavilions with a large hall, dining-room, bar, games-room and very well equipped dressing room accommodation. There are pitches for association and rugby football, hockey and cricket, and tennis courts. In the main buildings of the School at Houghton Street there are the gymnasium and the squash court. The Boat Club has its headquarters at the

University boat-house at Chiswick, and the Sailing Club at the Welsh Harp at Neasden.

For graduate students there is a common-room under the management of the Research Students' Association.

There is an old students' association called "The London School of Economics Society", membership of which is open to all past students of the School. (See p. 276.)

Recently an association of Friends of the London School of Economics was formed, which is likewise open to all former students of the School. The objects of this association are described on page 277.

The School has a large refectory where students may obtain meals at a reasonable cost both in the day and in the evening and an additional dining room, known as the Robinson Room, has recently been opened. Light meals are also served in cafés in the Old Building, the St. Clements Building and the former "Three Tuns" building on the corner of Clements Inn Passage.

A medical service for students has been established in the charge of Dr. J. C. Read, who looks after students who feel the need for psychiatric treatment. Dr. H. N. Levitt attends at the School every afternoon during term time, and by appointment during vacations, to see students needing medical attention and the School Nurse holds a daily surgery in the School during term. A mass radiography unit visits the School each session.

At the end of the calendar year 1956 Sir Alexander Carr-Saunders retired and was succeeded by the present Director, Sir Sydney Caine.

**REPORT BY THE DIRECTOR
ON
THE WORK OF THE SCHOOL
DURING THE YEAR 1961-1962**

The main events of the year 1961-62 include completion of the St. Clements Building which was mentioned in the last annual report, the notification of the grant from public funds for the coming quinquennium, the inauguration of the new B.Sc. (Economics) degree, and various staff changes.

BUILDINGS

The St. Clements Building has proved fully as useful and successful a building as expected; the only aspect of the conversion which has attracted any serious criticism has been the decorative panel which was put up on the Portugal Street end of the building. This was unfortunately found to be disliked by a considerable portion of the members of the staff, and consideration has been given during the year to its possible modification or removal, although no final conclusion had been reached at the end of the year. In view of the fact that the design had not found general commendation and may possibly be removed, we felt that it would be wrong to ask that the cost of it should be a charge to public funds, and that cost has therefore been excluded from the claim made against the general grant made available by the University Grants Committee for the conversion and will be met from the School's own general funds.

The increased accommodation for student use in St. Clements Building was naturally widely welcomed, but the intensive use of different parts of it has been uneven. The new students' bar in the basement has been a great success, and has been well patronised, but the additional common room space and general concourse have been less extensively used. This may have been associated with the fact that it has not proved possible to provide service of coffee and light refreshments in the bar as originally hoped, but, in pursuance of the general policy of providing such service at a variety of points convenient for all users of the School's buildings, plans have been worked out for the addition of a separate coffee and snack bar linked directly with the main bar. I personally attach considerable importance to such a link between the service of alcoholic drinks and soft drinks in order to discourage the development of separate communities of "beer-drinkers" and "coffee-drinkers".

The never-ceasing process of adaptation of existing buildings has continued. Various modifications have been made to the old houses in Houghton Street and Clements Inn Passage which were vacated as a result of the move to St. Clements Building, and adaptations have also been made to the properties acquired on the island site north of Portugal Street in order to make them fully useful during

the period before it becomes possible to embark on a major rebuilding project of that area. In the main building, work has been proceeding on various extensions and modifications. Noteworthy results have been the provision of a new room to be used as a music room on the fifth floor communicating with the Founders' Room, and the provision of a new "graduate" dining room and research students' common room on the second floor. The new dining room is to be known as The Robinson Room, in memory of Mr. L. G. Robinson, who for so many years played a leading part in the organisation of the Graduate School. Other works were in progress designed to extend and improve the kitchen facilities of the main Refectory and the Staff Dining Room, demands upon which seem to increase more than proportionately to the increase in staff numbers.

Planning of longer-term and more extensive redevelopment has continued. It is widely felt that the opportunity of rebuilding on the Clement's Inn Passage site which will be presented when the Government Laboratory building becomes available (and when capital funds can be obtained) should be used to provide a building specially designed for the Library and a good deal of work has been done by the architects and a sub-committee of the Building Committee in investigating possible plans.

The conversion of the property purchased in Anson Road, Tufnell Park, into eight flats for graduate students was completed during the year, and tenants moved in towards the end of the long vacation. We remain interested in further developments of this kind, to meet the special needs of senior students who are frequently accompanied by their wives. Search for a site for a second Hall of Residence, to be built with the donation of a quarter of a million pounds which was generously offered last year by an anonymous donor, was continuing at the end of the session, the donor having agreed to extend the time limit for the finding of a site until January, 1963.

QUINQUENNium 1962-67

Like other university institutions throughout the country, the School found the allocation of funds notified to it for the current quinquennium disappointing, and falling very far short of the sums needed to finance the extensions and developments we should like to undertake. I do not think, however, that we could complain of being worse treated than the Universities generally, and the grants promised to us by the Court of the University of London out of the general grant to the University as a whole do open up some possibility of expansion. As usual, notification of the grant was received only during the Summer Term, and examination of the best method of using the small margin of new funds available had not been completed before the quinquennium actually started on 1 August. It seemed most probable, however, that after making provision for unavoidable increases in the cost of running the School and for some expansion of the library and research divisions, the available funds would be used principally to strengthen the teaching staff at the junior levels. The calculations of available finance have, of course, taken account of an increase in student fees, averaging

about 15 per cent, which the School, in common with other university institutions, is bringing into effect from the beginning of the quinquennium. We expect also to receive some assistance out of the special funds made available following the recommendation of the Hayter Committee for the further development of activities in the field of African, Oriental and Slavonic studies. Finance is expected to be made available to London University for the financing of a limited number of new posts in these fields over and above those attached to the specialist schools in these subjects, but we have not yet been notified precisely how many such posts will be attached to the School.

GENERAL UNIVERSITY ENQUIRIES

Again in common with other university institutions, we have been asked during the last twelve months to produce a good deal of information for the use of the Committee on Higher Education, of which Lord Robbins is chairman, and the Committee on Undergraduate Teaching Methods, of which Sir Edward Hale is chairman. In particular we have been asked by the former for a description of the general system of government and general administration of the School, and of our relations with the University of London. On the latter point we have felt that there are matters affecting the relationship of the University and its constituent schools and colleges, including matters of difficulty or difference which have been mentioned in previous annual reports, which could profitably be examined in a general context, but as it was clear that the revision of the constitutions of individual universities lay outside the scope of the Robbins Committee we have suggested only that the particular problems of London University might usefully be examined when the report of the Robbins Committee itself is available.

The answer to the inquiry from the Hale Committee involved a detailed description of our methods of teaching and organisation of teaching and the very fact of receiving the inquiry has, I am sure, done good in stimulating us to think more closely about the problems with which their questionnaire dealt. The inquiries from both these important Committees have emphasized the gaps previously existing in the information which is readily available about university affairs in this country and it is to be hoped that in future a good deal of the information which has just been collected by special inquiry will be compiled regularly and systematically as a matter of routine and made available to that rapidly increasing section of the general public which has a lively interest in university organisation and growth.

ACADEMIC DEVELOPMENTS

The revised regulations for the B.Sc. (Economics) came into effect for the first time in this session. Mention has been made earlier of the careful consideration which had been given to the reorganisation of the methods of teaching in relation to the new requirements, and I think we can truthfully claim that these new arrangements were carried into effect with very considerable success and with markedly little friction. Partly, perhaps because of the modification in the nature of Part I of the degree but also, I believe, because of the more effective organisation of teaching, which has encouraged first year students to

work systematically, the Part I examination, taken after one year instead of two as formerly, showed a very much smaller failure rate, the actual failures being only 11 out of 264. This meant a percentage of less than 5 per cent, compared with a failure rate often reaching 20 per cent under the old regulations. We have still to see whether this happier result at the Part I stage is offset by a higher rate of failure in Part II, which is now the stiffer part of the examination, but we can at least feel that an encouraging start has been made. Certainly all the indications are that one of the results expected from the change in the regulations, i.e. a much greater incentive to students to take academic studies seriously in their first year, has been achieved.

The session also saw the introduction into the LL.B. regulations of a special provision for students of the London School of Economics, permitting them to take papers in general economics and other subjects similar to those now taken in Part I of the B.Sc. (Economics). This is part of a move to make the LL.B. more valuable as a general and not merely a professional qualification. Progress was also made during the year in the examination of a proposal for the institution of a new degree in social administration, which would provide an alternative to the present social science diploma on the one side and the sociology degree on the other. Another field of teaching which is continuing to develop is that of operational research and in addition to the two-year diploma course, which has already been referred to, further short-term courses were arranged.

INTERNAL ORGANISATION

A number of changes have been going forward which, while not containing any single dramatic feature, have been inspired by a common purpose of developing the principle of academic self-government within the School and giving opportunities of participation in its administration to all members of the academic community. It has become a common complaint that the administration of universities in this country tends to be too much in the hands either of lay members of University Councils or of the most senior members of the academic staff. I believe that in its actual, as distinct from its theoretical, system of government the School has been less open to that criticism than have many other institutions. In particular, although all formal authority is vested in the Court of Governors, which is an overwhelmingly lay body, the Court, acting through its effective organ the Standing Committee, has for long followed the practice of accepting the advice of various committees of the academic staff on the great majority of matters coming up for decision, excluding the purely financial. Equally the School has benefited by the practice of communicating all proposals affecting matters of policy, for comment if not for final decision, to the Academic Board, to which all permanent members of the academic staff belong. The changes envisaged, although not yet finally agreed upon, as a result of discussions during the last session include a further widening of the membership of the Academic Board so as to include virtually all but temporary members of the academic staff. Changes have already been made in the procedure of the Board designed to emphasize and give effect to the right of any member to raise a topic for discussion, and to bring it into closer relationships with such bodies as the Building Committee; and more elaborate changes have also been agreed in the procedure of the Appointments Committee.

This body has since the end of the last war consisted of all the professors. Its basic function is to advise the Standing Committee on appointments, including both the creation of new posts and the selection of candidates in cases other than those of Appointed Teachers of the University, where the selection is done through the University machinery. In practice the exercise of the function of giving advice on the creation of new posts has meant that the Appointments Committee has become the principal organ for considering effective development policy since the crux of new development in any university institution, and above all in the School where problems of equipment are of minor importance, lies in the creation of new posts. It has also come to be the body which advises the Standing Committee on such questions of salary and allowances as remain, under the present system of university salaries, within the discretion of the School itself. With the growing size of the School, and the growing complexity of the fields of study with which it is concerned, the problems to be examined and the choices to be made in the settlement of development policy require ever increasing attention. At the same time the very growth of numbers, including the growth in the number of holders of chairs, have made it more and more difficult for the Appointments Committee, which is now a body of some 40 people, to discharge these functions effectively. The Committee has therefore agreed to set up a sub-committee primarily to advise it on proposals for the creation of new appointments or the filling of existing posts, and therefore having a very significant influence on development policy. At the same time modifications have been introduced in the actual system of selection sub-committees appointed to consider candidates for particular appointments and to ensure more effective consultation between the interested professors in cases where the actual formal appointment lies with the University. Finally, the increasing size of the School has necessitated a more formal recognition of division of the teaching staff into separate departments. A rigid division of that kind is something which we have always, and I think rightly, tried to avoid. The character of the social studies makes it very difficult to draw hard lines between different fields of study, and it has been one of the great strengths of the School that teachers have never felt debarred by any rigid departmentalisation from extending their teaching and research into neighbouring fields. Nonetheless, now that our growth has reached a point at which there are, for example, 11 professors of economics and 7 professors of law, it has become clear that some more formal internal organisation and co-ordination in certain broad fields is necessary. Agreement has therefore been reached on a division of the various professors in the School into a number of groups, each of which has elected a convener to act both as the actual organiser of departmental consultation when required and as spokesman in general discussions with the Director or various committees in the School. At the same time opportunity has been taken to emphasize the importance of systematic and frequent internal consultation with teachers or individuals, thus again pursuing the purpose of the fullest academic self-government.

The growth in the size and complexity of the School's operations have necessitated also further strengthening of the administrative staff. Reference has been made on other occasions to the ever increasing number of applicants for admission; every new special course throws additional burdens on the

administration; and the growing needs of information for the purpose of the study and co-ordination of university activities, exemplified by the enquiries of the Robbins and Hale Committees already mentioned, all produce further work. Moreover, it is apparently paradoxical but in practice inevitable, that the increasing association of the academic community as a whole in the administration of the School does not reduce but increases the amount of work to be done by the administration. More committees of academic staff mean more members of the administrative staff to keep their records, and a conscientious effort to keep the academic staff adequately informed of what is going on necessarily involves additional administrative work. Any administrator of experience knows that it takes very much less time and effort to take an authoritarian decision than to arrive at a decision by consent through appropriate forms of consultation. Finally, the very fact that we in the School are, as I like to think, more than usually willing to consider and implement changes in our methods and procedures to meet changing times and changing needs means a constant flow of further administrative work.

RESEARCH

The major research activities of the School have been continued, including those of the Research Techniques Division and the group concerned with research into problems of London government. It has been possible to increase slightly the provision made from general School funds for the financing of research, and a further increase is envisaged in the new quinquennium. Nonetheless, we continue to be very heavily dependent on outside assistance, and of the total research expenditure in the year 78 per cent came from outside grants. We are extremely grateful for this assistance, and special mention should be made of new assistance which has been forthcoming from the Nuffield Foundation to assist a combined scheme of research in social anthropology in South-East Asia, in which the School of Oriental and African Studies and Cornell University will be participating as well as ourselves, the major part of the overseas cost being met by the Carnegie Corporation. The difficulty, however, with research projects financed with outside help is that it is the general policy of all the major foundations to prefer not to be involved in permanent financing but to withdraw after a period of years. This means that the continuance of research, which in some fields needs to be continued more or less indefinitely, becomes an increasing burden to the institute where it is carried on. Indeed, most of the additional finance which it is hoped to make available for research in the new quinquennium will be absorbed by charges of this kind falling on the School as the result of the expiry of outside grants.

In addition to the undertaking of specific pieces of research with outside assistance, the School has been able to make a number of additional appointments to fellowships or studentships in certain specified fields. These include an appointment as Research Fellow in the Economics of Latin America, which was foreshadowed last year, and in addition the appointment of two research students in the same field and the appointment of three students in the field of Soviet Studies with funds made available by the Nuffield Foundation and the Passfield Trust.

ACADEMIC STAFF CHANGES

The School has suffered the loss this session of several prominent teachers. Professors Manning and Robson have retired on reaching the maximum retiring age, Professor Manning after holding the Montague Burton Chair of International Relations for over thirty years, and Professor Robson after an association with the School as student and teacher which (with the exception of the war years) has been continuous since 1919. Both will be much missed, but Professor Robson's association will be continued for a time as he is remaining as Chairman of the Greater London Research Group as well as undertaking temporarily some teaching, and Professor Manning will be giving courses of lectures in his old field. Mr. G. L. Goodwin has been appointed to succeed Professor Manning in the Chair of International Relations, but no appointment had been made to Professor Robson's Chair of Public Administration at the end of the session. We have also lost as a result of resignation Professor L. C. B. Gower, who has held the Chair of Commercial Law since 1948. Professor Gower has responded to an invitation to undertake the organisation of legal education in Nigeria, and felt that he could only do this effectively by resigning his chair here rather than simply accepting a prolonged leave of absence. Not only the Law Department but the whole School will regret Professor Gower's departure, but he will carry all our good wishes in the very valuable but difficult task which he has undertaken. A sadder loss has been that of Professor R. Bassett, who was kept away from the School by illness during the greater part of the session and died in July 1962. We received notice before the end of the session of a further loss, that of Mr. A. Nove, Reader in Russian Social and Economic Studies, who had been appointed to the Chair of Economics in Glasgow, but it is not yet certain just when Mr. Nove will actually leave.

STUDENT ACTIVITIES

The increased activity in student debates has continued and the other normal student activities have been pursued with full vigour. On the Athletic Union side, the men's hockey team came top of the University League and won the University cup, and the Badminton Club provided for the fourth year running the whole of the University's championship team. The School's Chess Club has also played a substantial part in University chess affairs. Its most distinguished member has not only played regularly for the University but has also been included in the British university teams playing abroad. Four other members of the School club were included in the University team which went to Prague during the long vacation, and the School club itself organised a visit to Switzerland.

We have for some time been in the practice of organising from time to time re-union dinners of former students, either those of a particular year or groups concerned with a particular subject over a period of years. In addition to a dinner to current graduates given at the time of the University presentation ceremonies, the practice which has now emerged provides for a re-union dinner about ten years after graduation and a further similar gathering some twenty-five or thirty years after graduation. This year we went further back and had a re-union for all students who graduated in 1923 or earlier. It is not easy to keep in touch with students of these earlier years, and naturally many who

still survive were unable to attend, but a fairly representative gathering had among its speakers Professor M. Bonn, who although not strictly a graduate of the School has had associations with it since 1896, and Mrs. Edwin Cannan, whose husband, of course, was one of the original teachers at the School and the School's first professor of economics.

COURT OF GOVERNORS

At their last meeting this session the Court of Governors co-opted as members the Archbishop of Canterbury, Mr. A. K. Cairncross, Mr. F. J. Pedler and Mr. F. Seebohm. During the session also the Court have suffered the loss through death of Sir Wilfred Eady and of Sir Cecil Kisch, and as this report was going to press the sad news was received of the death of Sir Harold Barton.

Mr. S. P. Chambers and Sir Otto Niemeyer resigned from membership of the Standing Committee, and Sir Alan Hitchman has been appointed to it.

OBITUARY

This has been a year of many sad losses by death. A full list is appended, but special mention must be made of certain names. Lord Dalton and Professor R. H. Tawney had close associations with the School before and after the first world war, and Professor Tawney, of course, continued in its service until his retirement. Both had been quite frequent visitors in recent years, and both were included among the Honorary Fellows of the School. In agreement with relatives and executors, the School made arrangements for a Memorial Service for Professor Tawney at St. Martin-in-the-Fields at which a very moving address was given by the Right Hon. Hugh Gaitskell. Another name included in the list, also of very long association with the School, is that of Professor F. C. Benham, who was both a student and teacher for many years. Mention has already been made of Professor Bassett, who died whilst still in the service of the School.

ANNUAL ACCOUNTS

1961—1962

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, 1962, 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.

SPENCER HOUSE, SOUTH PLACE,
MOORGATE, E.C.2.
14th November, 1962.

BALANCE SHEET,

1961		FUNDS AND LIABILITIES.	
£	£	£	£
	408,648	Freehold Land and Buildings Fund	448,544
	159,235	Rockefeller Endowment Fund ..	162,064
	250,202	Trust Funds (Schedule No. 3) ..	263,183
		Other Funds and Current Liabilities	
71,809		Special Funds (Schedule No. 4) ..	100,992
		Provision for Equipment and	
3,145		Repairs	3,650
40,210		Sundry Creditors	73,024
7,949		Receipts in Advance	4,884
			<hr/>
123,113			182,550
		Surplus	
		General Reserve	3,602
3,602		Income and Expenditure Account	11,853
14,972			<hr/>
	141,687		198,005

BRIDGES, *Chairman.*
 SYDNEY CAINE, *Director.*

£959,772

£1,071,796

31st JULY, 1962.

1961		ASSETS.	
£	£	£	£
	408,648	Freehold Land and Buildings	448,544
		(Schedule No. 2)	
		(Valued for insurance at	
		£858,260)	
		Rockefeller Endowment Fund	
140,134		Investments (Schedule No. 1(a))	123,662
		Freehold Property—31 John	
		Adam Street, London (Valued	
13,968		for insurance at £14,000) ..	13,968
		Loan for Anson Road Hostel ..	15,000
4,883		Loans for Housing	8,502
250		Cash at Bank	932
	159,235		<hr/>
			162,064
		Trust Funds	
221,462		Investments (Schedule No. 1 (b))	238,103
		Freehold Property—111/112	
8,850		High Street, Gosport, Hants.	8,850
		(Valued for insurance at	
		£35,805)	
19,890		Cash at Bank	16,230
	250,202		<hr/>
			263,183
		Other Assets	
20,579		Investments (Schedule No. 1 (c))	21,760
5,620		Anson Road Hostel	17,570
		Less loan from Rockefeller Fund	15,000
			<hr/>
			2,570
9,160		Loans for Housing	8,903
54,595		Sundry Debtors	73,286
		Payments in advance and Other	
		Current Assets	21,602
16,587		Cash at Bank and in Hand ..	69,884
35,146			<hr/>
	141,687		198,005

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.

£959,772

£1,071,796

INCOME AND EXPENDITURE ACCOUNT

1960-61		EXPENDITURE			
£	£		£	£	
		1. Administration			
61,254		Salaries	67,521		
4,273		Superannuation	4,470		
		Printing, stationery, advertising, postage			
22,170		and telephones	28,501		
1,922		Other Expenses	56		
<u> </u>	89,619		<u> </u>	100,548	
		2. Departmental Maintenance			
384,118		Teaching Staff—Salaries	413,151		
35,145		" " —Superannuation	36,949		
18,616		Research expenditure met from Income	21,069		
79,683		Research expenditure met by donations	76,337		
32,174		Departmental Staff—Salaries	39,142		
1,912		" " —Superannuation	2,168		
5,980		Departmental maintenance	9,172		
<u> </u>	557,628		<u> </u>	597,988	
		3. Library			
40,590		Salaries	46,104		
3,156		Superannuation	3,409		
109		Edward Fry Library	170		
		Purchases of books and periodicals, bind-			
20,331		ing and other expenditure	22,154		
<u> </u>	64,186		<u> </u>	71,837	
		4. Maintenance of Premises			
15,943		Rents	15,214		
13,338		Rates	19,926		
1,366		Insurance	2,014		
12,656		Heat, light and water	17,568		
8,698		Equipment	9,815		
17,616		Repairs and general maintenance	19,946		
53,706		Salaries and wages	63,420		
2,292		Superannuation	2,624		
<u> </u>	125,615		<u> </u>	150,527	

FOR THE YEAR ENDED 31st JULY, 1962.

1960-61		INCOME			
£	£		£	£	
		1. Endowments			
		(a) Appropriated for particular purposes:			
500		Montague Burton Trust	500		
341		Business Administration Trust	341		
7,575		Cassel Trust (Commerce)	6,609		
1,103		Cassel Trust (Modern Languages)	—		
10		Auguste Comte Trust	62		
123		Hobhouse Trust	238		
—		Malinowski Trust	50		
219		Passfield Trust	100		
980		Skepper Trust	727		
1,147		Stevenson Trust	1,200		
101		Tooke Trust	106		
—		Martin White Trust	603		
110		Whittuck Trust	110		
<u> </u>	12,209		<u> </u>	10,646	
		(b) Appropriated for general purposes:			
112		Ratan Tata Fund	117		
12,485		Rockefeller Endowment Fund	13,519		
<u> </u>	12,597		<u> </u>	13,636	
		2. Donations and Subscriptions			
		(a) For research:			
	79,683	Sundry donations (Schedule No. 5)		76,337	
		(b) For other purposes:			
—		American Council of Learned Societies	940		
109		Edward Fry Trust	170		
7,614		Ford Foundation	11,266		
2,546		Institute of Economic Affairs	2,997		
600		Passfield Trust	—		
695		Statistics and Computing	1,189		
515		Sundry Donations	425		
<u> </u>	12,079		<u> </u>	16,987	
		3. Grants			
574,300		University Court	618,845		
67,080		" " salaries	76,696		
<u> </u>	641,380		<u> </u>	695,541	overleaf

INCOME AND EXPENDITURE ACCOUNT

1960-61				
£	£		£	£
1,178		5. Educational Expenses		
493		Examinations	1,596	
447		Public Lectures	160	
2,475		Publications	711	
		Studentships, scholarships and bursaries	3,412	
		Contributions to Universities Central		
		Council on Admissions	242	
	4,593			6,121
		6. Student Facilities and Amenities		
6,854		Grants to Unions and Union Societies ..	7,328	
5,790		Athletics ground maintenance	6,892	
3,832		Careers Advisory Service	3,968	
3,805		Medical services	3,490	
		Students' Hostel:—		
1,362		Wardens	1,556	
2,010		Balance for year	319	
	23,653			22,915
		7. Capital Expenditure Met from Income		1,002
	755			
		8. Other Expenditure		
100		Benevolent Fund	100	
3,357		Hospitality and entertainment allowance	3,577	
82		Interest on overdraft	—	
4,401		Pensions met from General Income ..	4,831	
619		Subventions to research	1,035	
767		Sundry expenses	891	
1,160		O. and M. investigation	—	
	10,486			10,434
	876,535	TOTAL EXPENDITURE	961,372	
	12,207	Excess of income over expenditure c/d	—	
	<u>£888,742</u>		<u>£961,372</u>	
		Excess of expenditure over income b/d	3,119	
	14,972	Balance carried forward	11,853	
	<u>£14,972</u>		<u>£14,972</u>	

NOTE.—The aggregate amount to be disclosed under

FOR THE YEAR ENDED 31st JULY, 1962—continued.

1960-61				
£	£		£	£
116,761		4. Fees		
1,622		Tuition	127,651	
1,003		Registration	1,530	
	119,386	Examinations	1,149	
				130,330
	4,807	5. Contributions Received for Services Rendered		6,048
		6. Miscellaneous		
569		Interest received	635	
588		Rents	1,995	
200		Sundry receipts	374	
	1,357			3,004
		7. Transfers from Special Accounts		
244		Business Administration	294	
—		King's Chambers Suspense Account ..	3,858	
—		St. Clements Building Suspense Account	1,572	
5,000		Salaries Suspense Account	—	
	5,244			5,724
		TOTAL INCOME	958,253	
	888,742	Excess of expenditure over income c/d	3,119	
	<u>£888,742</u>		<u>£961,372</u>	
		Surplus from previous years	14,972	
	2,765	Excess of income over expenditure	—	
	12,207	brought down	—	
	<u>£14,972</u>		<u>£14,972</u>	

Section 196 (1) of the Companies Act, 1948, is £5,830.

INVESTMENTS HELD AT 31st JULY, 1962.

SCHEDULE No. 1(a)

ROCKEFELLER ENDOWMENT FUND:—

1. QUOTED.

	NOMINAL VALUE			COST			%	MARKET VALUE
	£	s.	d.	£	s.	d.		
BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES.								
3% Savings Bonds, 1965-75	86	8	3	86	8	3		65
Irish Free State 4½% Land Bonds, 2004	2,311	0	0	2,501	8	6		1,733
				<u>2,587</u>	<u>16</u>	<u>9</u>	2.1	<u>1,798</u>
DEBENTURE STOCKS								
Atlas Electric & General Trust Ltd. 5% Debenture Stock, 1979	2,000	0	0	2,334	16	6		1,650
Broadstone Investment Trust Ltd. 4% Debenture Stock, 1974-79	4,000	0	0	3,062	13	5		2,740
Caledonia Investments Ltd. 6% Redeemable Debenture Stock, 1980-85	3,400	0	0	3,273	2	0		2,975
English & International Trust Ltd. 4½% Debenture Stock, 1978-83	1,700	0	0	1,699	2	9		1,250
Esso Petroleum Co. Ltd., 5½% First Debenture Stock, 1974-78	2,000	0	0	1,940	0	0		1,740
Imperial Chemical Industries Ltd. 4½% Unsecured Loan Stock, 1972-74	3,000	0	0	3,000	0	0		2,430
Mercantile Investment Trust Ltd. 4% Debenture Stock, 1960-68	2,410	0	0	2,398	1	4		2,036
John Summers & Sons Ltd., 6½% Convertible Second Debenture Stock, 1976-78	500	0	0	495	0	0		520
Western Ground Rents Ltd. 3¼% Debenture Stock, 1991	1,000	0	0	734	5	2		575
Whitbread & Co. Ltd. 4% First Mortgage Debenture Stock, 1964-84	2,000	0	0	1,970	0	0		1,350
				<u>20,907</u>	<u>1</u>	<u>2</u>	17.2	<u>17,266</u>
PREFERENCE SHARES								
Anglo-Scottish Investment Trust Ltd. 5% Cumulative Preference Stock	1,000	0	0	1,345	8	0		675
Caledonia Investments Ltd. 5% Cumulative "B" Preference Stock	5,000	0	0	7,250	0	0		2,875
Lewis's Investment Trust Ltd. 6% Cumulative Second Preference Shares of £1 each	572	0	0	—				486
				<u>8,595</u>	<u>8</u>	<u>0</u>	7.1	<u>4,036</u>

EQUITIES

British American Tobacco Co. Ltd. Ordinary Stock (10/- units)	1,200	0	0	4,306	19	6		6,900
British Petroleum Co. Ltd. Ordinary Stock	1,920	0	0	4,136	1	6		3,648
Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	2,149	0	0	2,215	19	3		5,480
Clyde & Mersey Investment Trust Ltd. Ordinary Stock (5/- units)	2,250	0	0	3,862	9	3		10,125
Continental & Industrial Trust Ltd. Ordinary Stock (5/- units)	2,566	15	0	5,906	14	7		11,037
Distillers Co. Ltd. Ordinary Shares of 10/- each	2,475	0	0	4,812	12	0		8,168
Home & Foreign Investment Trust Ltd. Ordinary Stock (5/- units)	3,000	0	0	4,014	9	4		16,350
Imperial Chemical Industries Ltd. Ordinary Stock	1,890	0	0	2,751	2	0		4,725
Industrial and General Trust Ltd. Ordinary Stock (5/- units)	1,071	0	0	2,318	11	0		5,783
Lancashire Cotton Corporation Ltd. Ordinary Stock	3,500	0	0	4,187	10	9		5,469
Lewis's Investment Trust Ltd. Ordinary Shares of 4/- each	1,000	0	0	746	16	6		3,250
Liner Holdings Co. Ltd. Stock	3,000	0	0	4,349	19	6		5,775
Liverpool Warehousing Co. Ltd. Ordinary Stock (4/- units)	1,034	16	0	2,959	7	1		2,458
London & Montrose Investment Trust Ltd. Ordinary Stock (5/- units)	4,500	0	0	5,055	0	0		17,100
London & Overseas Investment Co. Ltd. Ordinary Shares of 5/- each	302	15	0	302	15	0		590
Mercantile Investment Trust Ltd. Ordinary Stock (5/- units)	924	0	0	1,485	10	9		4,528
Metal Traders Ltd. Ordinary Stock (2/- units)	1,150	0	0	5,020	19	9		2,444
Redland Holdings Ltd. Ordinary Stock (5/- units)	700	0	0	2,294	3	0		3,675
Scottish & Newcastle Breweries Ltd. Ordinary Stock	2,500	0	0	3,602	1	7		7,188
Shell Transport & Trading Co. Ltd. Ordinary Shares of 5/- each	2,281	0	0	5,932	10	0		15,397
Sphere Investment Trust Ltd. Ordinary Shares of 5/- each	2,250	0	0	3,021	7	0		7,088
John Summers & Sons Ltd. Ordinary Shares of £1 each	1,350	0	0	4,679	8	3		2,784
Tube Investments Co. Ltd. Ordinary Stock	1,000	0	0	2,098	16	3		2,250
Turner & Newall Ltd. Ordinary Stock	3,200	0	0	4,101	17	0		7,700
Westminster Bank Ltd. "B" Shares of £1 each	1,820	0	0	5,358	13	10		6,611
				<u>89,521</u>	<u>15</u>	<u>5</u>	73.6	<u>166,523</u>

TOTAL OF QUOTED INVESTMENTS

£121,612 1 4 100.0 £189,623

2. UNQUOTED

Economists' Bookshop Ltd.:								
"B" Shares of £1 each	2,000	0	0	2,000	0	0		
"C" Shares of £1 each	50	0	0	50	0	0		
				<u>£2,050</u>	<u>0</u>	<u>0</u>		

TOTAL CARRIED TO THE BALANCE SHEET

£123,662 1 4

INVESTMENTS HELD AT 31st JULY, 1962—continued

SCHEDULE No. 1(b) TRUST FUNDS

NAME OF FUND	NOMINAL VALUE		COST		%	MARKET VALUE				
	£	s. d.	£	s. d.						
1. QUOTED										
BRITISH GOVERNMENT STOCKS AND STOCKS OF OTHER PUBLIC AUTHORITIES										
Agricultural Mortgage Corporation Ltd. 5% Debenture 1959-89	Cassel Commerce	4,700	0	0	4,347	0	0	3,854		
Australia 3¼% 1965-69	Cassel Commerce	20,000	0	0	16,300	0	0	16,500		
British Electricity 4¼% Guaranteed Stock 1974-79	Cassel Commerce	398	13	6	359	0	0	333		
" " " " " " "	Premchand	482	8	6	474	17	10	403		
British Gas 3% Guaranteed Stock 1990-95	Cassel Commerce	3,860	4	10	2,567	0	0	2,316		
British Transport 3% Guaranteed Stock 1968-73	Rees Jeffreys	475	7	7	466	16	0	378		
British Transport 3% Guaranteed Stock 1978-88	Acworth	2,451	11	11	2,281	15	9	1,520		
" " " " " " "	Cassel Commerce	55,268	11	3	37,030	0	0	34,267		
" " " " " " "	Cassel Modern Languages	5,000	0	0	3,350	4	3	3,100		
" " " " " " "	Hobhouse	1,646	2	7	1,639	0	2	1,021		
" " " " " " "	Rosebery	3,601	4	7	3,441	2	3	2,233		
British Transport 4% Guaranteed Stock 1972-77	Cassel Commerce	13,014	9	11	11,192	7	0	10,607		
4% Consolidated Stock	Business Administration	169	19	0	165	17	0	110		
3½% Conversion Stock 1961 or after	Allyn Young	259	0	3	208	12	1	152		
5% Conversion Stock 1971	Research in Advertising	2,155	18	0	2,000	0	0	2,059		
" " " " " " "	Cassel Commerce	15,000	0	0	13,879	1	2	14,325		
" " " " " " "	Cassel Modern Languages	6,000	0	0	5,554	6	6	5,730		
5¼% Conversion Stock 1974	Janet Beveridge	584	9	6	538	6	10	564		
" " " " " " "	Bowley	168	13	1	167	5	11	163		
" " " " " " "	Christie	415	8	1	409	16	9	401		
" " " " " " "	Auguste Comte	700	16	0	690	0	1	676		
" " " " " " "	Farr	52	7	11	53	8	6	51		
" " " " " " "	Gonner	126	4	6	125	4	4	122		
" " " " " " "	Hughes Parry	322	10	5	325	17	6	311		
" " " " " " "	Lilian Knowles	889	5	6	875	0	6	858		
" " " " " " "	Malinowski	136	5	9	133	3	6	132		
" " " " " " "	Manor Charitable	988	13	7	1,000	0	0	954		
" " " " " " "	Wilson Potter	95	6	8	94	13	2	92		
" " " " " " "	Skepper	3,335	17	11	3,282	5	9	3,219		
5¼% Conversion Stock 1974	Graham Wallas	141	15	0	139	15	8	137		
" " " " " " "	Whittuck	2,096	5	6	2,063	19	4	2,023		
6% Conversion Stock 1972	Codrington	314	0	4	312	1	2	319		
5½% Exchequer Stock 1966	Research in Advertising	1,925	0	1	2,000	0	0	1,949		
" " " " " " "	Rees Jeffreys Fellowship	2,336	17	4	2,310	0	0	2,366		
" " " " " " "	History of Prices and Wages	2,318	3	7	2,301	13	6	2,347		
" " " " " " "	Latin America Fellowship	6,580	1	11	6,500	0	0	6,662		
3½% Funding Stock 1999-2004	Cassel Commerce	45,691	2	5	28,044	18	6	28,785		
" " " " " " "	Cassel Modern Languages	7,886	16	11	4,841	3	0	4,969		
" " " " " " "	Skepper	15,781	4	1	10,271	9	8	9,942		
4% Funding Loan 1960-90	Business Administration	4,732	8	2	4,664	19	7	4,283		
" " " " " " "	Laski	1,118	16	8	1,100	1	11	1,013		
5½% Funding Stock 1982-84	Chidambaram Chettiar	536	2	4	538	16	3	504		
" " " " " " "	Dixon	68	1	9	62	18	3	64		
London County 2½% Consolidated Stock	Hutchinson	32	5	0	30	0	0	13		
3% Savings Bonds 1960-70	Lloyd	402	0	6	382	7	10	338		
" " " " " " "	Singer	274	8	9	225	16	5	231		
3% Savings Bonds 1965-75	Cassel Commerce	12,182	19	1	9,259	0	0	9,137		
3½% Treasury Stock 1979-81	" "	1,175	5	6	911	0	0	852		
						£188,912	3	11	82.6	£182,385
DEBENTURE STOCKS										
British Investment Trust Ltd. 4% Redeemable Debenture Stock 1973-78	Business Administration	1,000	0	0	950	0	0	675		
Canadian Pacific Railway Co. 4% Perpetual Consolidated Debenture Stock	Hutchins	1,152	0	0	850	5	9	651		
Ind Coope, Tetley, Ansell Ltd. 5¼% Redeemable Debenture Stock 1979-84	Business Administration	532	0	0	591	12	9	444		
London & Provincial Trust Ltd. 5% Redeemable Debenture Stock 1967-87	" "	1,000	0	0	1,137	7	6	745		
						£3,529	6	0	1.5	£2,515
PREFERENCE SHARES										
Montague Burton Ltd. 7% Cumulative Preference Shares of £1 each	Montague Burton Studentships	5,780	0	0	£5,780	0	0	2.5	£5,924	

INVESTMENTS HELD AT 31st JULY, 1962—continued.

SCHEDULE NO. 1(c) GENERAL INVESTMENTS—continued

EQUIRIES	NAME OF FUND	NOMINAL VALUE			COST			MARKET VALUE		
		£	s.	d.	£	s.	d.	£	s.	d.
Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	Passfield	464	0	0	1,227	10	0	1,183		
Clydesdale Investment Co. Ltd. Stock (5/- units)	Superannuation Reserve	535	5	0	1,665	19	10	1,552		
De Beers Consolidated Mines Ltd. Deferred Shares of Rands 0.50 each	Passfield Rands	62.50			1,255	17	9	1,062		
English & International Trust Ltd. Ordinary Stock	Superannuation Reserve	1,700	0	0	2,423	5	7	4,038		
Guest, Keen & Nettlefolds Ltd. Ordinary Shares of £1 each	Passfield	125	0	0	485	19	10	406		
" & Shanghai Banking Corporation	Superannuation Reserve	150	0	0	582	4	9	488		
Shares of HK\$25 each	Passfield	HK\$2,500			1,331	4	6	1,650		
Imperial Chemical Industries Ltd. Ordinary Stock	Superannuation Reserve	184	0	0	632	12	9	460		
Royal Insurance Co. Ltd. Ordinary Stock (5/- units)	Passfield	70	0	0	577	1	6	518		
					£10,181	16	6	49.1	£11,357	
					£20,736	14	7	100.0	£20,852	

TOTAL OF QUOTED INVESTMENTS

2. UNQUOTED

Abbey National Building Society (share account)

TOTAL CARRIED TO THE BALANCE SHEET

£1,023 10 3
£21,760 4 10

FREEHOLD LAND AND BUILDINGS AT 31st JULY, 1962.

SCHEDULE No. 2

School Properties:—

	Cost
	£
Athletics Ground and Pavilions	29,750
1, 2 & 3, Clare Market and 12, Houghton Street	36,542
11, Clement's Inn Passage	2,500
12, Clement's Inn Passage	2,579
13 & 14, Houghton Street	9,159
15, Houghton Street	3,300
16, Houghton Street	35,688
17, 18 & 19, Houghton Street	118,426
King's Chambers	146,215
4, Portugal Street	35,717
St. Clement Dane's Parish Hall	28,668
	<u>£448,544</u>

TRUST FUNDS AT 31st JULY, 1962.

SCHEDULE No. 3 NAME OF FUND	CAPITAL £	UNEXPENDED INCOME £
Sir William Acworth Memorial	2,253	136
Research in Advertising and Promotional Activity ..	7,636	
Janet Beveridge	538	2
Bowley Prize	167	18
Montague Burton Chair of International Relations ..	8,850	
Montague Burton Memorial	5,780	822
Department of Business Administration	7,510	
Cassel Teaching in Commerce	143,258	
Cassel Teaching of Modern Languages	16,090	792
Chidambaram Chettiar	500	61
Mary Elizabeth Christie Memorial	410	25
Sally Codrington	1,250	
Auguste Comte Memorial	690	517
Dixon Cambridge Bowl and Cup	52	2
Chair of Economics of Underdeveloped Countries and Economic Development	4,541	
Research Fellowship in the Economics of Latin America	12,089	
Farr Prize	129	81
Gonner Prize	125	7
Greek Shipowners' Scholarships	1,059	
History of Prices and Wages	1,472	
Hobhouse Memorial	1,634	
Hutchins' Studentship for Women	1,715	299
Hutchinson Medal	30	2
Rees Jeffreys' Research Fellowship	3,027	
Rees Jeffreys' Studentship	5,505	597
Lilian Charlotte Knowles Memorial	875	58
Harold Laski Scholarship	1,100	45
Charles Mostyn Lloyd Prize	370	36
Malinowski Memorial Lecture	1,167	91
Manor Charitable Trust	2,300	
George and Hilda Ormsby	1,000	
Hughes Parry Prize	326	32
Wilson Potter	95	5
Premchand Prize	456	59
Rosebery	3,417	180
Singer Research	981	63
Skepper	13,554	
Statistics and Computing	3,929	
Dr. Tugendhat	951	
Graham Wallas	140	
Whittuck Lectureship in Commercial Law	2,064	
Allyn Young Prize	209	9
	<u>£259,244</u>	<u>£3,939</u>

SPECIAL FUNDS AT 31st JULY, 1962.

SCHEDULE No. 4	£
American Council of Learned Societies	3,310
Anthropology (Malinowski) Library	45
Harriet M. Bartlett Fund	35
British Petroleum Co. Ltd.	1,436
Montague Burton Fund	237
Noel Buxton Trust	820
Columbia University	90
Commerce Degree	735
Commonwealth Fund	141
H. V. Duckworth	34
Electricity Council	250
Ford Foundation:—	
Analytical Economics	4,199
Human Behaviour	580
International Studies	12,794
Gulbenkian Foundation	53
Home Office:—	
Dr. Mannheim	439
Methods of Investigating Crime	2,796
Mr. Hall Williams	86
Houblon-Norman	342
P. D. Leake Fellowship	333
Leverhulme Trust:—	
Special Contingencies	46
Library Catalogue	6,295
Manchester Oil Refinery	2,312
National Science Foundation	5,274
National Institute of Mental Health	419
Northern Studies	25
Nuffield Foundation:—	
Cornell	11,240
Government in Greater London	848
History of Prices and Wages	1,052
Dr. Mannheim	439
Research Techniques	4,745
Soviet Law	2,282
Mr. P. Townsend	81
Nuffield Provincial Hospitals Trust	484
Passfield Fund	10,020
Passfield Trust:—	
Dr. Abel-Smith	175
Research Fellowship	165
Webb Research	46
Publications Funds:—	
Economica	2,931
Reprints	1,634
Sociological Publications	333
Rockefeller Foundation:—	
International Studies	417
Mr. MacFarquhar	1,310
Professor Robson	191
Rodwell Jones Memorial	77

SPECIAL FUNDS AT 31st JULY, 1962—continued

SCHEDULE No. 4—continued

Rowntree Trust:—									£
History of Prices and Wages	..	..	..	..	..	..	..	..	1,052
Housing Study	..	..	..	..	..	..	..	..	4,644
Site Extension	..	..	..	..	..	..	..	..	97
Student Loans:—									
Long-term	..	..	..	..	..	..	..	..	158
Mental Health	..	..	..	..	..	..	..	..	448
Social Science	..	..	..	..	..	..	..	..	224
Superannuation Reserve	..	..	..	..	..	..	..	..	12,654
Wenner-Gren	..	..	..	..	..	..	..	..	119
									<u>£100,992</u>

DONATIONS AND SUBSCRIPTIONS FOR RESEARCH.

SCHEDULE No. 5

									£
Advertising Association	..	..	..	..	..	..	..	..	1,551
Brookings Institute	..	..	..	..	..	..	..	..	1,497
City Parochial Foundation	..	..	..	..	..	..	..	..	807
Department of Scientific and Industrial Research	..	..	..	..	..	..	..	..	11,564
Ford Foundation	..	..	..	..	..	..	..	..	11,564
Gulbenkian Foundation	..	..	..	..	..	..	..	..	136
Health Information Foundation	..	..	..	..	..	..	..	..	1,109
Home Office	..	..	..	..	..	..	..	..	7,238
Houblon-Norman Fund	..	..	..	..	..	..	..	..	100
Institute of Practitioners in Advertising	..	..	..	..	..	..	..	..	230
P. D. Leake Fund	..	..	..	..	..	..	..	..	1,667
Manchester Oil Refinery	..	..	..	..	..	..	..	..	220
Medical Research Council	..	..	..	..	..	..	..	..	1,662
National Corporation for the Care of Old People	..	..	..	..	..	..	..	..	18
National Institute of Mental Health	..	..	..	..	..	..	..	..	7,237
National Science Foundation	..	..	..	..	..	..	..	..	5,092
Nuffield Foundation	..	..	..	..	..	..	..	..	12,467
Nuffield Provincial Hospitals Trust	..	..	..	..	..	..	..	..	466
Passfield Trust	..	..	..	..	..	..	..	..	1,225
Rees Jeffreys Road Fund	..	..	..	..	..	..	..	..	3,991
Rockefeller Foundation	..	..	..	..	..	..	..	..	3,178
Rowntree Village Trust	..	..	..	..	..	..	..	..	2,586
Women in Industry	..	..	..	..	..	..	..	..	732
									<u>£76,337</u>

OBITUARY

The School records with deep regret the deaths of:—

- SIR HAROLD MONTAGUE BARTON, a Governor of the School since 1943.
SIR HAROLD BELLMAN, a Governor of the School from 1936 to 1963.
THE RIGHT HONOURABLE LORD BEVERIDGE, Director of the School from 1919 to 1937 and an Honorary Fellow of the School since 1958.
HAROLD SCOTT BOOKER, a student of the School from 1933 to 1937; a member of the staff since 1938 (Assistant Lecturer 1938–1945 (war service 1939–1945), Lecturer 1945–1957 and Senior Lecturer since 1957).
MURIEL MAUD ANNE CAINE (née Harris), a student of the School from 1920 to 1923.
EDWARD CARNEGIE CLEVELAND-STEVENS, an occasional student of the School from 1908 to 1913, joint secretary of the Students' Union from 1909 to 1910, and an occasional assistant lecturer from 1910 to 1915 and from 1918 to 1919.
SIR WILLIAM HENRY COATES, a Governor of the School from 1933 to 1953.
THE RIGHT HONOURABLE LORD DALTON, a student of the School from 1910 to 1915; a member of the staff from 1919 to 1936 (Assistant 1919–1920, Sir Ernest Cassel Reader in Commerce 1920–1925, part-time Reader in Economics 1925–1936) and an Honorary Fellow of the School from 1958 to 1962.
WILLIAM CROFT DICKINSON, Assistant Secretary of the School from 1923 to 1933 and Librarian from 1933 to 1944.
SIR GEORGE GATER, a Governor of the School from 1942 to 1952.
SIR LYNDEN MACASSEY, a part-time lecturer at the School from 1900 to 1908 and a Governor of the School from 1919 to 1951.
SYLVANUS OLYMPIO, a student of the School from 1922 to 1925 and an Honorary Fellow of the School since December 1962.
MARGARET ANNE PEGG, a member of the staff from 1956 to 1957 and since 1958.
SIR DENNIS HOLME ROBERTSON, Sir Ernest Cassel Professor of Economics from 1939 to 1944, and an Honorary Fellow of the School since 1958.
THE RIGHT HONOURABLE LORD SAMUEL, a Governor of the School from 1901 to 1920 and from 1928 to 1947.
WALTER ERNEST WILSON, a member of the staff from 1905 to 1914 and from 1919 to 1957.

- HARMODIO ARIAS, a student of the School from 1909 to 1911.
SIR ALBERT FREDERICK BRADBEER, a student of the School from 1911 to 1913.
JANET MARY CLINKARD, a student of the School from 1922 to 1924.
MARY ELIZABETH DAVIE, a student of the School from 1945 to 1949.
FRANK ADZLEY FRIDAY, an occasional student of the School from 1936 to 1937.
THE HON. Mrs. ALFRED GEIRINGER (née Margaret Dorothea Layton), a student of the School from 1935 to 1936.
RICHARD PHILLIP GILSON, a student of the School from 1950 to 1952.
ETHEL GINSBERG (née Street), a student of the School from 1928 to 1929.
JOHN WILLANS HINCHLIFFE, a student of the School from 1961 to 1962.
ARTHUR GEORGE JENKINS, a student of the School from 1921 to 1926.
THE HON. MONICA NOEL-HILL, a student of the School from 1915 to 1916.
CHARLES HENRY WALKER, a student of the School from 1929 to 1938.
EDWARD GEORGE WEBSTER, a graduate student of the School from 1961 to 1962.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES

AWARDED IN 1962

(a) Awarded by the School

Entrance Scholarships

Leverhulme Scholarships

JUDITH MARGARET CLARKE (Luton High School).
DAVID PATRICK FRISBY (Chesterfield Grammar School).
GRAYHAM ERNEST MIZON (Rochdale Grammar School).
NERYS WYN THOMAS (Caernarvon Grammar School).

Entrance Scholarships

WILLIAM HUGH SMITH (King Edwards School, Birmingham).
STEPHEN GEOFFREY WANSELL (Haberdashers' Aske's School, Elstree).

Scholarships for Mathematicians in Statistics and Computational Methods

DIANE BIEZUNER (Hendon County Grammar School).
JOSEPH CHARLES WHITTAKER (William Ellis Grammar School).

Christie Exhibition

SUSAN BULST.

Leverhulme Adult Scholarship

Not Awarded.

Undergraduate Awards

Scholarship in Laws

ROSEMARY MARTIN-JONES.

Leverhulme Undergraduate Scholarships

BRIAN ERIC BAUGHAN.
KEVIN BARRY BUCKNALL.
BRIAN HENRY HARE.
BEN ZIJON LIPSHITZ.
JOHN FIELD NICHOLSON.

Rosebery Scholarship

Not Awarded.

Lilian Knowles Memorial Scholarship

PETER GORDON MACARTHY.
JOHN GUY CARTON OXBORROW.

Harold J. Laski Scholarship

JOHN WILLIAM MARSH.
GRAHAM THOMAS.

Scholarship in International Law

MARVIN SOLOMAN.

S. H. Bailey Scholarship in International Law

SATCHIDANANDA HORE.

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Graduate Awards

Graduate Studentships

FRANK BENJAMIN MICHAEL FOWKES.
ADELE JOYCE GUTIERREZ.
DAVID GEORGE WALL.

Leverhulme Research Studentships

BADRI PRASAD.
WARREN ELWOOD WILLIAMS.
PETER WILLIAM GEORGE WRIGHT.

Leverhulme Graduate Entrance Studentships for Oversea Students

MAYER GABAY.
RUSSELL JOHN PRICE.

Leverhulme Research Studentships for Oversea Students

SANTOSH KUMAR BHATTACHARYYA.

Leverhulme Studentships for Special Courses

BRIDGET FAITH PARR DUCKWORTH.
ISOBEL BARBARA HELLEWELL.

Montague Burton Scholarships in International Relations

CRAWFORD TAYLOR MACKIE.
KENNETH JOSEPH TWITCHETT.
ALAN JOSEPH WARD.

Noel Buxton Studentship in International Relations

Not Awarded.

Rees Jeffreys Studentship

HELMUT MAX KOLSEN.

Studentship in the Economics of Latin-America

ANTHONY JOHN JONES.

Medals and Prizes

Farr Medal and Prize

THOMAS ALASTAIR JOHN NICHOLSON.

Gonner Prize

AMMAR SIAMWALLA.

Hobhouse Memorial Prize

SUSAN MOLE.

Premchand Prize

Not Awarded.

Mostyn Lloyd Memorial Prize

WILLIAM EDWIN KENDAL TAYLOR.

Raynes Undergraduate Prize

JOHN KEITH ORD.
JOHN GUY CATTON OXBORROW.

Allyn Young Prize

JOHN KEITH ORD.
BEN ZIJON LIPSHITZ.

Hughes Parry Prize

ROSEMARY MARTIN-JONES.

ACADEMIC AWARDS

Director's Essay Prize
STANLEY ROBERT PURNELL.

Gladstone Memorial Prize
Not Awarded.

Kaplan Prize
HELEN JACOBY.

Janet Beveridge Award
MALCOLM RAYMOND LACEY.

Jessy Mair Cup for Music
LEONARD MAXWELL BIRD

(b) **Awarded by the University**
Loch Exhibitions

MARK WILLIAM WHITTMORE.
MARGARET FELICITY WILSON.

Metcalf Scholarship for Women
SHEILA ROSE SAUNDERS.

Metcalf Studentship for Women
Not Awarded.

Gerstenberg Studentship
EDWARD ALEXANDER FRENCH.

Bryce Memorial Scholarship
ANTHONY FRANK SHEWARD.

Graham Wallas Memorial Scholarship
GEOFFREY ROBERT PARK.

Rotary Golden Anniversary Prize
PAUL EDWARD BUTEUX

University Postgraduate Studentships

ROBIN KEITH ALDERMAN.
MAUREEN ELIZABETH CAIN.
DAVID CARLTON.
RICHARD LOUIS DE LAVIGNE.
PENRI JONES GRIFFITHS.
ROBERT GEORGE GROVES.
SHIRLEY ANNE KING.
FRANCIS GWENDOLINE LEAR.
MIRIAM LEWIS.
PETER CHARLES LUFFRUM.
DAVID JOHN MANNING.
WILLIAM JOHN MONEY.
BRIAN O'CONNOR.
JAMES SANDERSON.
LAWRENCE SILVERMAN.
ANDREAS MARCOU VARLAAM.
SANDRA SUZANNE WALLMAN.
BERYL JOAN WILLIAMS.
FAROUK GEORGES ZAIDAN.

University Postgraduate Bursaries

ANTHONY JAMES FIELDING.
MICHAEL JOHN NIBLOCK.
ERIC SYDNEY TARTAKOVER.

ACADEMIC AWARDS

Madge Waley Joseph Scholarship
ELSA SOBEL.

(c) **Awarded by Outside Bodies**
Graduate Teaching Assistantship at Indiana University
MARGARET ALEXANDRA AXELRAD.

Athletic Awards**Steel-Maitland Cup**

AUGUST THOMAS SCHUMACHER.

Steel-Maitland Cup for Women

FRANCES MORTIMER ROBERSON.

Wilson Potter Cup for Athletics

JENNIFER BRIDGET TANFIELD.

Ernest Cornwall Cup

MEN'S HOCKEY TEAM.

Club Awards**Badminton: Men's Singles**

ATUL RAMESHCHANDRA DESAI

Badminton: Men's Doubles

ATUL RAMESHCHANDRA DESAI

SUDHEER PRABHAKAR DESAI

Badminton: Women's Singles

NOT AWARDED.

S. H. Beaver Cricket Captain's Cup

MICHAEL SHUTTLEWORTH.

Cross-Country Club Cup

DAVID BAGSHAW.

Golf: Captain's Cup

NOT AWARDED.

Golf: President's Putter

NOT AWARDED.

Golf: President's Brassie

NOT AWARDED.

Lawn Tennis: Men's Singles

RICHARD CHARLES STEVENSON

Lawn Tennis: Women's Singles

NOT AWARDED.

Squash: Men's Singles

GRENVILLE TEMPLE EMMET.

Open Day Awards**100 Yards Challenge Race (Men)**

NOT AWARDED.

Invitation One Mile Race (Men)

JOHN KEITH ORD.

Gutteridge Tug-of-War Cup

RUGBY CLUB.

DEGREES

B.Sc.(Economics) Final Examination

HONOURS

FIRST CLASS

1962

MARGARET ALEXANDRA AXELRAD.
 ARCHIBALD HAWORTH BROWN.
 PAUL EDWARD BUTEUX.
 MALCOLM EDWARD FALKUS.
 EDWARD ALEXANDER FRENCH.
 ROBERT GEORGE GROVES.
 THOMAS ALASTAIR JOHN NICHOLSON.
 NOEL KERRY O'SULLIVAN.
 AMMAR SIAMWALLA.
 FAROUK GEORGES ZAIDAN.

SECOND CLASS

(Upper Division)

DAVID WILLIAM ADCOCK.
 ADRIAN HARTLEY ALDERSON.
 DONALD STANLEY ARCHER.
 ANDREAS GEORG ALEXANDER BOLTHO VON HOHENBACH.
 IAN JAMES BRACKEN.
 ARNOLD BULKA.
 ROBERT COLIN BULLEN.
 HOWARD PAUL BURROWS.
 SYDNEY JAMES BURT.
 PRATIP KUMAR CHATTERJEE.
 CLIVE SPENCER COOPER.
 BRIAN CYRIL CROWE.
 EDWARD CHARLES CUFF.
 JOHN DAVENPORT.
 LAWRENCE MICHAEL EAGLES.
 CLAUDE EDMOND FORGET.
 GEOFFREY KINGDON FRY.
 PETER STUART GEORGE.
 ADELE JOYCE GUTIERREZ.
 JAGDISH CHANDER HANDA.
 JANET MIRIAM HENRY.
 CHRISTOPHER JOHN HEWITT.
 KENNETH EDWARD HEYDON.
 ARTHUR HINDMARCH.
 IAN WILLIAM JAMES HOPKINS.
 BRIAN FRANK ANTHONY HUMPHREYS.
 JOHN HOWARD HUNTER.
 PHILIP SAMUEL JACOBSON.
 CHRISTOPHER JOHN JAMES.
 NIZARALI HABIB KARMALI.
 ALASTAIR NIKOLAS DAWSON MCAULEY.
 WILLIAM MCQUEEN.
 ARNOLD SIMON MARGOLIN.
 JOHN ERIC MATTISON.
 OZAY MEHMET.
 MARIOS TAKI MICHAELIDES.
 SUSAN JENNIFER MOLE.
 ROBERT JOHN MONK.
 MICHAEL JOHN NIBLOCK.

B.Sc.(Economics) Final Examination—continued

1962

CECIL OYENIYI OLUROTIMI OYEDIRAN.
 CHARLES ALAN PARKER.
 JOHN KENNETH PAYNE.
 KEITH JOHN PULHAM.
 RAYMOND STANLEY REARDON.
 EDWARD ADRIAN RHODES.
 RAYMOND GEORGE RICHARDSON.
 SOLOMON MATTHIAS DAVID RUDNICK.
 MICHAEL SAMUEL SAFIER.
 GRAHAM VICTOR STALLARD.
 GRAHAM JOHN STEVENS.
 DINKER JAIWANT SUKHTANKER.
 ANTHONY IAN SWABE.
 JENNIFER BRIDGET TANFIELD.
 ERIC SYDNEY TARTAKOVER.
 PETER ERIC TAYLOR.
 ALAN RONALD TITCHENER.
 MICHAEL TOBIN.
 JOHN WILLIAM TURNBULL.
 PAMELA DOROTHY WADDLETON.
 DAVID GEORGE WALL.
 DEREK JOHN WALLER.
 TERENCE WATTON.
 ROSEMARY CLARISSA WEBB.
 JOHN JOSEPH WELCH.
 ELIZABETH JILLIAN WELLS.
 PETER WILLIAM GEORGE WRIGHT.

SECOND CLASS

(Lower Division)

TERENCE VICTOR AITKEN.
 AWAD AYOUB AL-KUBAISY.
 DAVID WILLIAM ALLEN.
 ROGER GODFREY ALLEN.
 AURELIO ALVAREZ DIEZ.
 NATHAN APFEL.
 HAYDN WALTER ASBERY.
 SALLY YVONNE AUBIN.
 KALYAN SANJIBAN BANERJI.
 EDWARD JOHN BANNISTER.
 BARRY DAVID BARTMAN.
 JOHN LESLIE WILLIAM BEARD.
 GEOFFREY CHARLES BEARMAN.
 MICHAEL BEER.
 ALAN RICHARD BENNETT.
 SIDNEY ROY BENNETT.
 DAVID JOHN BOATMAN.
 WILLIAM JOHNSON BOYLE.
 DENNIS UNDERWOOD BROOKS.
 SUSAN BURN.
 JOHN BUTTERWORTH.
 FRANCIS HAROLD CARTER.
 GÜR CEHRELI.
 GEOFFREY ALBERT CHITTY.
 ERIC CULYER CHURCH.
 OHN CLARKE.
 AMES KAINDE ELNATHAN COLE.

B.Sc.(Economics) Final Examination—*continued*

1962

CHRISTOPHER WELLESLEY COOPER.
 JAMES MICHAEL CORDELL.
 BRYAN ERNEST CRANAGE.
 BRIAN MILLWARD CUMMINGS.
 RAMON HAMILTON CUTLAND.
 ANDRÉ VICTOR DAUPPE.
 BASIL DIMITRIOU.
 FRANK GORDON DOBSON.
 ROBERT STEPHEN DUNCAN.
 ROGER DAVID EGLIN.
 THOMAS CHARLES EVANS.
 BRIAN EWING.
 MICHAEL FRANCIS FLANAGAN.
 MALCOLM FROST.
 JINDAS PANACHAND GANDHI.
 ANDREAS GEORGHIOU.
 PANOS CHRISTOU GHALANOS.
 SAMUEL GEORGE GLYNN.
 IAN WILFRID GOATMAN.
 PETER GORDON GRANAT.
 GEOFFREY FRANK GRAVIL.
 PRUDENCE SARAH GREEN.
 JAMES NORMAN GREENFIELD.
 JAMES PETER SOMERVILLE HARDWICK.
 MICHAEL JOHN HART.
 IAN JAMES HEXTALL.
 JACQUELINE ANNE HIGGINS.
 JOHN LEIGH HOAR.
 RODERICK STEWART HOUGH.
 ISAAC UDOM AKPAN IGWE.
 HOWARD JACKSON.
 ROLAND MALCOLM JENNINGS.
 JOHN ANEURIN JOHN.
 GLYNDWR DESMOND ANTHONY JONES.
 MARGARET PATRICIA JONES.
 DAVID PAUL KILLINGRAY.
 ROBIN COURTENAY LINDNER.
 GEOFFREY ROBERT LORD.
 MICHAEL FRANCIS McDONALD.
 SARAH JANE MORRISON McILWAINE.
 ALEXANDER MURDO MACLEOD.
 SHAILESHKUMAR PRAMUKHLAL MAHADEVIA.
 AL-MOTAZBELLAH AHMED MOHAMED MANSOUR.
 SHEILA JOY MARSHALL.
 ROBERT INNIS MASON.
 JEFFREY MEDLOCK.
 JOHN MELBOURNE.
 NEELAM SHAMBHU MERANI.
 NEVILLE MARK MERRETT.
 PAUL CHRISTOPHER NICHOLAS MICHELL.
 ANTHONY JOHN MILLER.
 JAMES DOUGLAS MILNES.
 ALLAN SIDNEY JAMES MORGAN.
 ALOKA MOULIK.
 JOHN EDGAR MOUNTFORT.
 HUBOOB MUDHAFFER.
 FREDERICK DAVID NORBURN.

B.Sc.(Economics) Final Examination—*continued*

1962

GILCHRIST SYLVANUS OLYMPIO.
 JOHNSON OLAOBAJU OMIIDORA.
 RICHARD MORTON PINKHAM.
 JOHN FRANCIS PLACITO.
 MICHAEL FREWIN POFFLEY.
 RODERICK WILLIAM RAMAGE.
 SHEHRNAZ FARSHOS RATNAGAR.
 JENNIFER ANN ROBERTS.
 GORDON ROBSON.
 ROBERT DAVID ROGERS.
 BRYAN KAYE SANDERSON.
 JOHN BARRY SAYNOR.
 PETER SEAMAN.
 RENEE SERLIN.
 SHIRISH CHANDRA SHAH SHIRISH INDULAL.
 JOHN FREDERICK GEORGE SHAVE.
 FRANCES MARY SHEEHAN.
 JOHN ALAN SKILLMAN.
 JOHN GOURLAY SORBIE.
 DAVID ALAN STAINWRIGHT.
 BARRY STAPLETON.
 RICHARD CHARLES STEVENSON.
 JOHN ANDREW SUMMERS.
 KRISTER ANTHONY SUNDSTRÖM.
 LINDA JANE SUTHERLAND.
 CLIVE SUTTON.
 TANG SEE CHIM.
 ALAN WYNNE THOMAS.
 VALERIE ELIZABETH THOMAS.
 STUART THOMSON.
 NORMAN ARTHUR TOWNSEND.
 LUIS UGUETO ARISMENDI.
 JACK VELTMAN.
 CONSTANTIN VOIVODAS.
 JOHN RICHARD WELLESLEY-MILLER.
 BARRIE JOHN EVAN WILSON.
 ROBERT LOUIS WINTER.
 WONG KAI LAM.

PASS

PATRICK JOSEPH ABBOTT.
 MUSHTAQ HASSAN ABDULLAH.
 DANIEL OLAJIDE ADEBIYI.
 DAVID EDMUND ATKINS.
 CYRIL NORMAN AYDON.
 THOMAS BARKANY.
 JAGDISH SWARUP BHATNAGAR.
 MICHAEL OLIVER BIRKETT.
 ERIC PETER BLOOD.
 ANNICE OLIVE ROSE BOURKE.
 JAYANTKUMAR CHAUHAN.
 PETER WILLIAM FOSTER CHRISTMAS.
 LESLIE THOMAS COBBLEDICK.
 ROBERT COOK.
 ROGER JOHN COOPER.
 RICHARD LESLIE CURETON.
 FRANCIS ALDO DE MARIA.

B.Sc.(Economics) Final Examination—continued

1962

DONALD HARRY BEEDIE ESSELMONT.
 GEOFFREY ROY FAIR.
 GEORGE DOUGLAS ALAN FOSTER.
 MOHAMED HAJI HASSAN.
 GORDON HARRIS.
 KENNETH EDWIN HAYWARD.
 RAYMOND ROWLAND HILL.
 SALLY JENKINSON.
 NOEL THOMAS LAWLESS.
 JOHN CHETWODE LEESON.
 JOHN GORDON MACDONALD.
 ZIAD IBRAHIM MANGO.
 FIROZALI SULEMAN MANJI.
 JEREMY CHARLES MANT.
 DAVID LAWRENCE MARSHALL.
 FATEHALI JAFFER MAWJI.
 ANTHONY EDGAR MELLOR.
 GLYN SIDNEY JAMES MORRIS.
 PATRICK O'REILLY.
 JOYCE KATHLEEN PALMER.
 LEONARD PALMER.
 JEREMY HOWARD PARKER.
 WILLIAM ROY PARKER.
 COLIN GILBERT PEACHEY.
 ALBERT HENDRIK PESMAN.
 KATHLEEN FRANCES PICKETT.
 GEORGE LEONARD POUND.
 CECILIA CYNTHIA QUASHIE.
 WILLIAM JAMES QUINN.
 ALAN GORDON RIGBY.
 MICHAEL JOHN ROWLAND.
 IAN SAXTON.
 PREMCHAND DEVCHAND FULCHAND SHAH.
 MICHAEL SHUTTLEWORTH.
 CHARLES OKECHUKWU SPIROPULOS.
 ALLAN SWEARMAN.
 JACQUELINE HEATHER TETLEY.
 PETER ALFRED TONGE.
 JOHN DAVID VINCENT.
 RONALD STAFFORD WILLS.
 NICHOLAS AYLMER WOOD.
 WILLIAM KENNETH WOOD.
 ANTONY CHRISTOPHER WOOL.
 ENID ELIZABETH WRIGHT.
 YAU MENG FAI.

B.Sc.(Sociology) Examination

HONOURS

SECOND CLASS

(Upper Division)

1962

ELISABETH VIOLET DALY.
 BRIAN PETER DARLING.
 JANET MARY FITTON.
 JOAN PEGGY ISABEL PORTER.

B.Sc.(Sociology) Examination—continued

SECOND CLASS

(Lower Division)

1962

ANTHEA BARBARA BATTY.
 ERIC JAMES CARLTON.
 ROSALIND CHARLES.
 SHIRLEY ANN EYCOTT.
 DAWN IRIS GARDNER.
 ELSIE DOREEN HOPKINS.
 SAROJINI ISWARIAH.
 VIVIENNE AGNES JONES.
 KANAGASABAY AROONAGEEREE MOODELY.
 BARRIE REGINALD NEWMAN.
 BRONIA SCHUTZ.
 BARRY SIDGWICK.
 IAN MACAULAY STEWART.
 VICTORIA MARGARET HILDA WISHER.

THIRD CLASS

RITA CORINNE COPE.
 ARTHUR FREDERICK MOORE.
 KOFI OSEI-NTEM.

B.A. Honours in Sociology

SECOND CLASS

(Upper Division)

1962

JANET MARY ALKER.
 JUDITH MARY BREARLEY.
 BEATRIX MARJORIE BUIS.
 MARGARET JANE BURDITT.
 HELEN CLAIRE JACOBY.
 MARGARET MARY KILLINGRAY.
 KEITH MORAY MACDONALD.
 JEAN ALISON GRAHAM MILLS.
 HILARY ANN ROSE.

SECOND CLASS

(Lower Division)

MICHAEL LEE BOLDING.
 OTTO BENJAMIN UDOFIA ESSIEN.
 JENNIFER ANNE KUNATH.
 DEIRDRE ANNE MARY LAYCOCK.
 GERTRUDE CONSTANCE LEVER.
 MARGARET ANN LOOSEMORE.
 JOYCE MILES.
 ELIZABETH ANN PARSONS.
 VALERIE MARGARET WATLING.
 MARGARET ANN YARRINGTON.

THIRD CLASS

VICTORIA FRANCES BRAHAM.
 MICHAEL ANSTRUTHER CARDEW.

B.A. Honours in Anthropology

SECOND CLASS
(Upper Division)

1962 ELIZABETH TURNER.

SECOND CLASS
(Lower Division)

MAURICE ÉMILE FÉLIX BLOCH.
BRYAN HARTLEY.

THIRD CLASS
DIANA ELIZABETH COURT.

B.A. Honours in Geography

SECOND CLASS
(Upper Division)

1962 ANTHONY ROGER BYRNE.
ANTHONY JAMES FIELDING.
MAY FRANCES JONES.
TREVOR PRINCE JONES.
JOHN ANDERSON MITCHELL.
KEITH EDWARD SPILLING.

SECOND CLASS
(Lower Division)

RONALD PATRICK BROWN.
JILL MAUREEN FRENCH.
MAURICE RUBIN.

**B.A. Honours in History
Branch II**

FIRST CLASS HONOURS

1962 JOHN GARDNER.

SECOND CLASS HONOURS
(Upper Division)

DAVID HARRY JAMES SHEASBY.

SECOND CLASS HONOURS
(Lower Division)

ERICA LOUISE CANTON.
ALAN COOPER.
PETER HENRY STOCKTON HADFIELD.
MARGARET ANN HENDERSON.
IAN KENNETH JOHNSON.
ROY CHARLES JONES.
RICHARD FRANK BAIRD MALLINSON.
JANET FRANCES MANNING.
DAVID NEIL MASON.
ANTONIUS SALVATOR JOSEPH PELLEGRINI.
PRESTON JOHN THOMAS.

B.A. Honours in Philosophy and Economics

SECOND CLASS
(Upper Division)

1962 ELIZABETH GUILMETTE WINCHESTER.

SECOND CLASS
(Lower Division)

JOHN MSWORTH TOLLEY.

THIRD CLASS

RUTH MARY ARTISS.
DAN ZEEV GILLON.
MICHAEL ANTHONY KENNOY.

LL.B. Final Examination

HONOURS
SECOND CLASS
(Upper Division)

1962 MICHAEL OLUTAYO ADESANYA.
ABDUL KADER ASMAL.
JOHN MICHAEL EDWARDS.
REUBEN ALEX HASSON.
RICHARD THOMAS KEEP.
AUGUSTINE NNAMANI.
EPHRAIM OYEBADÉ OLOYEDE.
PETER KWABENA OWUSU-ANSAH.
SIMON ARTHUR ROBERTS.
BRIAN STUART LIONEL ZEFF.

SECOND CLASS
(Lower Division)

BERTHA VERA ABOAGYE.
FERDINAND ONYEMOBI ANIEKWE.
DAVID WILLIAM BAINES.
ROBERT CHESTERS ELLIOT.
CHRISTINE GILLIAN GARLICK.
JOHN WALTER HILLYER.
ANTHONY PETER HOPPING.
GIDEON ZAMIR KOTTLER.
MICHAEL JOHN LUCAS.
JAYANTA KUMAR MITRA.
JOHN MICHAEL MOSES.
JOSEPH IZUMMA OBI.
BENJAMIN CHUKWUNYERE OFOEGBU.
ISAAC ABIOLA OGUNGBAIGBE.
MARTIN WILFRED PLIMLEY.
GANIYU MADOJUTOLA SMITH.
JOHN NIGEL BARRIE SPARKS.
NORMAN ASHER TURNER.

PASS

EDWARD MARTIN ADJEI ABLORH.
OLANIWUN AJAYI.
GABRIEL BISHOP.

LL.B. Final Examination—*continued*

1962

JOHN BRENNAN.
 RICHARD JAMES CASTLEDINE.
 JONATHAN EPHRAIM GOODMAN.
 LENS WORTH ROICE LESLIE JAMES.
 ROGER WILLIAM KIRBY.
 OLAYIWOLA KUSAMOTU.
 ONYEABO CHUKWUNEDUM OBI.
 WILLIE IHEME ONYEJAKA.
 DOUGLAS ANTHONY PARKER.
 ANTHONY JACK SIMPSON.
 KEITH ROBERT NETTerville STAMP.

Higher Degrees

M.Sc.(Econ.)

1961-62

SIMEON ADEBISI ADU.
 AZIZ HUSAIN AL-HAFIDH.
 TIMOTHY WILLIAM ARNOLD.
 JOHN ROBERT BOOTH.
 CHOOWONG CHAYABUTRA.
 MICHAEL CONSTANTINIDIS.
 HARRIET WILHELMINE DAVIDSON.
 ARTHUR JUAN DAVIES.
 ANASTASIA GANA.
 JOHN CLARK GARNETT.
 SANTOSH MOHINI GAUBA.
 ANDRE GELINAS.
 COLIN MICHAEL GRIFFIN.
 SHIBSHANKAR PRASAD GUPTA.
 SAMUEL GEORGE BRIAN HENRY.
 HENRY CHUN YUEN HO.
 JAN STAFFORD HOGENDORN.
 PETER MALCOLM LESLIE.
 PAUL LEYSEN.
 RAMON DARIO MEDINA.
 AHMED RASHAD ABDEL AAL MAHMOUD MOUSSA.
 PONGRAC JANOS LAJOS ARPAD NAGY.
 CHIRA PANUPONG.
 ANNADANI CHANDRASHEKHAR PATIL.
 ANN MADISON REID.
 MRIDULA MANSUKHLAL SHAH.
 RAFIK AHMED SOWELEM.
 WILLIAM RAYMOND SNAITH.
 PANAYOTIS ARISTIDIS THOMOPOULOS.
 RUTH RETA TROELLER.
 TOM WILLIAMS.
 CARLOS IVAN YANEZ.

M.A.

1961-62

HILDA ELIZABETH FITTER.
 FLORENCE ANITA HAMBLIN.
 STUART MICHAEL PIDDOCKE.
 OSCAR SORELL.
 ELAINE MIRIAM WILSON.

Higher Degrees—*continued*

LL.M.

1961-62

HAYA AZULAY.
 ZVI EIREF.
 GAUIS OKEKE EZEJIOFOR.
 LEON GETZ.
 SHATRU GHAN.
 DAVID JOHN HARRIS.
 SATCHIDANANDA HORE.
 PATRICK THOMAS COLUM KING.
 WILLIAM HARP MONTGOMERY.
 JEAN ELYSE MORRIS.
 ZAKI MUSTAFA.
 BENJAMIN OBI NWABUEZE.
 SAMUEL NWANKWO CHINUBA OBI.
 MARK AUBREY WEINBERG.

Ph.D.

1961-62

BERNARD WILLIAM ERNEST ALFORD.
 WILLIAM WARREN BARTLEY, III.
 BRIAN DUGAN BEDDIE.
 THOMAS JAMES HENDERSON BISHOP.
 YEHUDA ZVI BLUM.
 GEORGE WILLIAM BROWN.
 SAURINDRAKUMAR CHAKRABARTI.
 DAVID HASLAM CHILDS.
 GARFIELD CLACK.
 PERCY SAUL COHEN.
 DAVID PAUL CROOK.
 SEBKHU BADUGE DAYA DE SILVA.
 KENNETH FRANK DIXON.
 CONSTANTINE DRAKATOS.
 HAMID ENAYAT.
 GEORGE ARTHUR FEAVER.
 ARNOLD WILLIAM FOSTER.
 DOW FRIEDLANDER.
 ERNEST ANDRE GELLNER.
 JOSEPH GROSS.
 MUHANDIRAMGE VICTOR AUGUSTUS GUNASEKERA.
 PETER BERNARD HARRIS.
 IAN CHARLES JARVIE.
 DIONYSIOS KARAGEORGAS.
 JEANNE LAMBIRI.
 ALLEN DEE LEBARON.
 PELLA BASIL LENOUDIA.
 DAVID LEWIS.
 PETER HAZELIP LYON.
 MARION JEAN MACLEOD.
 JAYANTA MADHAB.
 ALFRED MAIZELS.
 JOSEPH FRANCIS MANGIAMELE.
 MIGUEL ANGEL MARTIN.
 STEWART PHILIP OAKLEY.
 OLUWOLE IDOWU ODUMOSU.
 AMBALANGODA GURUNNANSELAGE ARTHUR DEMMIKA PERERA.
 BRIAN ERNEST PORTER.
 DAVID CHASE POTTER.
 GIAN PRAKASH.

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

1961-62

BADRI PRASAD.
 DAVID ANTHONY PRESTON.
 SURINDER PAUL SINGH PRUTHI.
 DAVID WILLIAM SECKLER.
 AMAR KUMAR SINGH.
 RICHARD HAL SNAPE.
 HASSAN MOHAMMED HUSSEIN SOBHY.
 RONALD MURRAY SOMMER.
 DAVID STERNLIGHT.
 STUART SUMMERSBEE.
 SAVITRI THAPAR.
 NICHOL TSUTSOPLIDES.
 LEON UNGER.
 BAL VASANT WAGLE.
 KENNETH WILLIAM WATKINS.
 LESLIE ROY WEBB.

DIPLOMAS

(Awarded by the University of London)

Academic Postgraduate Diploma in Law

1961-62

RICARDO LASSO GUEVARA.
 SAU NIM HUNG.
 MOHAMMAD ALI ROKNELDIN TALEGHANY.

Academic Postgraduate Diploma in Public Administration

PASS

1962

MOHAMMAD HOSSAIN TAMADDON.

Academic Postgraduate Diploma in Social Studies in Tropical Territories

PASS

1962

ISRAEL JOHN KNOX BALAABA.

DIPLOMAS

(Awarded by the School)

Diploma in Economic and Social Administration

DISTINCTION

1962

FRANCIS CHIDLEY ROHLEHR POLLARD.
 TUNKAR RAMAIAH SATISH CHANDRAN.

PASS

MUSA ABUBAKAR.
 AFFAN BUITRAGO.
 RONALD SPENCER BYRON.
 OMER FARUK ERDEM.
 MARIE ANN CECILIA MATILDA FRANCIS.
 JOSEPH MAMO DINGLI.
 KAMISESE KAPAIWAI TUIMACILAI MARA.
 ROBERT ARCHDALE PALMER.
 DYMOND DESMOND PHIRI.
 ASIF RAHIM.
 AMNUEY SUWANAKIJBORIHARN.

Diploma in Operational Research

1962

RONALD MAURICE ADELSON.
 BARBARA ASTRID GERSHILL.
 MICHAEL HAROLD JONES.

Diploma in Social Administration for Graduates

DISTINCTION

1962

MALCOLM RAYMOND LACEY.

PASS

NORMA BALDWIN.
 CATHERINE BRISCOE.
 MARY BROCKIES.
 ANNE MARY IDA COLLIS.
 VIVIEN ROSEMARY DAVISON.
 ISABEL MARY DOUGLAS.
 ROSEMARY ELSPETH FINCHER.
 PATRICIA MARY FITZPATRICK.
 QUENTIN NIGEL FOWLER.
 PETER GORDON GREGORY.
 STEPHANIE HARVEY.
 MARGARET ELEANOR MARY HENKEL.
 JULIE MARGARET HILLS.
 ETHEL JAMIESON.
 VALERIE KELLY.
 GILLIAN MACFARLANE.
 GWYNETH ELIZABETH MEADOWS.
 LAURENCE GEORGE MOSELEY.
 ELIZABETH MROSOVSKY.
 CHRISTINE MULLER.
 CHRISTOPHER JOHN NOBLE.
 ALISON JOANNA NORMAN.
 JOHN RAYMOND OCKENDEN.
 SUSAN MARY ORLEDGE.
 ANITA MARY PARMITER.
 PAULINE ELAINE PHIPPS.
 AUDREY JEAN PINE.
 ANN CATHERINE POULTER.
 KAREN ROBERTS.
 ANN ELIZABETH SAPSFORD.
 MARY PHILLIDA TUDOR SAWBRIDGE.
 ELIZABETH MARY SLATER.
 ERICA SCARLETT SMOUT.
 DAPHNE FELICITY STATHAM.
 JANET ELIZABETH TAYLOR.
 IRENE VERMES.
 JANET MARY DRUMMOND WARD.
 ADRIAN HORACE WHITING.

Diploma in Social Administration for Non-Graduates

PASS

1962

MAUREEN ANDREWS.
 PAULA BAR.
 ENA BROCKLEHURST.
 PATRICIA KATHLEEN CARMICHAEL.
 SHEILA CHARLTON.
 PATRICIA DIGGORY.
 ANNE GRAHAM GRAVENEY.

Diploma in Social Administration for Non-Graduates—continued

1962

HILARY JONES.
 HARRIET MARIA KARTHAUSER.
 ARTHUR WILLIAM KING.
 JOHN COLIN KIRKHOPE.
 SHEILA KNIGHT.
 MENDA LAMBRINUDI.
 ERIC BRIAN LAWSON.
 NORTON PAINE.
 SUSAN PARES.
 SHEILA JUDITH POLLEN.
 JANET ELIZABETH SCOTT.
 MARY ELIZABETH STEEN.
 PATRICIA IDA BOOTH STONE.
 BARBARA ANN WALKER.
 ELIZABETH HELEN WILSON.
 ALISON RUTH WINTER.

Diploma in Social Administration for Graduates**Overseas Course**

PASS

1962

JILL CRAUFURD-BENSON.
 BARBARA GRACE DEAN.
 ANURADHA DAYANAND DECKHA.
 DAPHNE JOYCE FISCHER-WEBB.

Diploma in Social Administration for Non-Graduates**Overseas Course**

DISTINCTION

1962

WILLIAM EDWIN KENDAL TAYLOR.

PASS

ANTHONY AKATOBI AKOMAH.
 SAMUEL EZEKIEL DEY.
 JAMES OYENIYI FAFIYEBI.
 JEMILAT FUNLAYO FANIMOKUN.
 RUTH HAILU.
 STEPHEN NCHEZO IFENKWEZE.
 FREDERICA ANNE MAHONY.
 ONAOLAPO OLUSEGUN SOLEYE.
 DERMOTT FREDERICK WORTHINGTON-FITNUM.

Diploma in Personnel Management

DISTINCTION

1962

JOHN FRANCIS BRADSHAW GOODMAN.

PASS

CHARLES MICHAEL COPELAND.
 THOMAS GLYN DAVIES.
 JULIET WENDY ENGLISH DEVENISH.
 DAVID TUDOR EDWARDS.
 MARY VERONICA ELLIS.
 MICHAEL ADEBAYO IFATURATI.

Diploma in Personnel Management—continued

1962

AKINWUNMI AKANNI MUMUNEY.
 DENPONG POLLAKORN.
 ABIDUR RAHMAN.
 JOHN ANTHONY LAMONT ROSE.
 PETER JAMES SAMUEL.
 BRIAN HENRY SHERRAD.
 RICHARD SAMUEL SMITH.
 CHARLES PATRICK HAYLEY TOLSON.
 BEVERLEY WALTERS.
 DONN WEBB.
 ALAN JOHN WEBBER.
 ANNA JENNIFER WHITTLE.
 JOHN WHYMAN.
 CHARLES WILLIAM DAVID WORTHINGTON.

Diploma in Applied Social Studies

PASS

1962

KATHLEEN MARY ATHERTON.
 PAMELA AUDINWOOD.
 SHEILA MARY BOTWRIGHT.
 ELIZABETH BRETT.
 ALLAN GROVER BROWN.
 SANDRA DOREEN BROWN.
 SHEILA CAMP.
 HENRIETTA SUSAN MARGARET CHATER JACK.
 JANET CHILDS.
 SUSANNA COBB.
 ELIZABETH ELEANOR COVENEY.
 DIANA DANIELL.
 MARY ELIZABETH DEACON
 CELIA ELIZABETH DOWNES.
 PATRICIA ELDER.
 HEATHER MARY FOX.
 EILEEN CONSTANCE GABBITAS.
 RAYMONDE WINIFRED HANTON.
 MARGARET ODILE HILTON.
 DAPHNE HO.
 YOON SANG HOH.
 ROBERT HOLMAN.
 ROSEMARY HUTCHINSON.
 ROSE YIK OI LEE.
 ANNETTE HEATHER LEISHMAN.
 ROSEMARY MARSHALL.
 DONAL AUGUSTINE MORRISSEY.
 ALEXANDER MCLEAN MURRAY.
 DOROTHY MARY OVERIN.
 ALISON GRACE CARLYLE PARK.
 WILLIAM JOHN REA PRICE.
 BARRY SMITH.
 BRIAN WILLIAM STEWARD.
 EDWIN VICTOR HENRY WILLIAMS.
 SHEILA JEAN WISE.

Diploma for Social Workers in Mental Health

DISTINCTION

1962

PETER TERRANCE LEONARD.
 MARGARET ELIZABETH WILSON.

Diploma for Social Workers in Mental Health—continued

PASS

1962

HAZEL MARY ALLDIS.
 JOHN ERNEST ALLEN.
 JEAN MARY BALLINGER.
 BERYL ANNETTE BENJAMIN.
 JEAN IVY BEVEN.
 WOLF BLOMFIELD.
 PATRICIA ANN BRIERLEY.
 DAVID CHANDLER.
 FRANCIS YORK CHU CHEN.
 ELIZABETH JANE COLLINGRIDGE.
 EVA DAVID.
 MONICA DIGBY.
 IRENE LILLIAN DIXON.
 NORA JEAN DIXON.
 BARBARA KATE FOWLES.
 STELLA HALL.
 MARGARET ROSEMARY HANCOCKS.
 ANGELA JULIA.
 DOROTHY JILL KIDGER.
 ANNE KING.
 BRITTA LISSNER.
 MARGARET HAZEL MURRAY.
 MATTHEW ROLF OLSEN.
 SANDRA NOEL RAMSDEN.
 SHIRLEY CLIFTON REGNART.
 DESMOND LEWIS RICHARDS.
 EVE MARY HELEN RICHARDS.
 BARBARA ROSSITER.
 EVELYN ANN STURMEY.
 DEREK EDWARD FRED TILBURY.
 DAWN ROSALIND WHITE.
 ALISON EDITH WOOD.
 RAYMOND WILLIAM JOHN WRIGHT.
 KENNETH WYCHERLEY.

CERTIFICATES**Certificate in International Studies**

PASS

1962

LANCELOT OSWALD BAILEY.
 FERIAL GHAZOUL.
 GENCAY SAV.
 MUSTAFA VARDAR.

PUBLICATIONS BY MEMBERS OF THE STAFF

Publications

BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1961 TO 30 SEPTEMBER 1962

(This list includes a certain number of publications which appeared too late in 1960-61 to be included in the report for that year.)

Accounting

PROFESSOR W. T. BAXTER:

- (With A. R. Oxenfeldt) "Approaches to Pricing: Economist vs Accountant" (*Business Horizons*, University of Indiana, Winter 1961).
"The Education and Training of the Accountant" (*The Accountant*, 20 January 1962).
"Inflation and Partnership Rights" (*The Accountants' Magazine*, February 1962).
(Editor with S. Davidson): *Studies in Accounting Theory* (revised edition, Sweet & Maxwell, 1962).

MR. R. P. BROOKER:

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Statistics of Students

Analysis of Regular, Intercollegiate and Occasional Students, 1958-63

	Session 1958-59	Session 1959-60	Session 1960-61	Session 1961-62	Session 1962-63
REGULAR STUDENTS—					
First Degree	1506	1497	1466	1417	1460
First Diploma	97	73	80	80	91
Higher Degree	567	593	633	718	792
Higher Diploma and Certificate	136	189	223	241	248
Research Fee	125	142	152	169	163
Other Regular	100	105	121	153	122
TOTAL OF REGULAR STUDENTS	2531	2599	2675	2778	2876
OCCASIONAL STUDENTS—	296	271	357	332	393
INTERCOLLEGIATE STUDENTS	1078	1160	1076	751	1062
GRAND TOTAL	3905	4030	4108	3861	4331

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Analysis of Overseas Students, 1958-63

	Session 1958-59	Session 1959-60	Session 1960-61	REGULAR STUDENTS—	Session 1961-62	Session 1962-63
REGULAR	881	923	989	First Degree	278	249
OCCASIONAL	139	160	178	First Diploma	32	32
				Higher Degree	423	426
				Higher Diploma and Certificate	94	72
TOTAL	1020	1083	1167	Research Fee	144	140
				Other Regular	138	109
				OCCASIONAL STUDENTS	152	203
				TOTAL	1261	1231

NOTE: For a definition of the terms 'Regular' and 'Occasional' Student see page 129.
An Intercollegiate Student is one who is registered at another School of the University but, by arrangement, pursues some part of his course at this School.

Comparison of Oversea students, in attendance at the London
School of Economics during the Sessions

	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63
Balkan States ..	53 (51)	55 (49)	62 (55)	53 (49)	70 (58)	67 (57)
France	7 (5)	16 (9)	7 (3)	10 (4)	9 (5)	2 (-)
Germany	29 (19)	21 (10)	28 (12)	36 (11)	29 (15)	29 (17)
Holland	3 (3)	7 (3)	4 (3)	4 (2)	5 (3)	3 (2)
Italy	11 (10)	13 (10)	11 (9)	15 (8)	14 (11)	16 (11)
Poland	5 (5)	12 (11)	7 (7)	4 (3)	6 (5)	3 (3)
Russia	4 (3)	2 (1)	1 (1)	1 (1)	1 (-)	1 (1)
Scandinavia ..	14 (11)	8 (5)	15 (8)	18 (16)	15 (13)	14 (9)
Switzerland ..	17 (10)	12 (5)	13 (8)	16 (6)	8 (3)	9 (4)
Others	37 (29)	47 (38)	55 (41)	42 (36)	60 (47)	47 (32)
<i>Total Europe</i> ..	<i>180 (146)</i>	<i>193 (141)</i>	<i>203 (147)</i>	<i>199 (136)</i>	<i>217 (160)</i>	<i>191 (136)</i>
Burma	6 (5)	—	7 (6)	9 (9)	10 (10)	9 (9)
Ceylon	20 (18)	19 (17)	14 (14)	18 (17)	22 (20)	22 (19)
China	2 (1)	—	2 (2)	—	4 (4)	—
India	121 (116)	136 (130)	134 (126)	143 (139)	122 (117)	108 (102)
Pakistan	34 (31)	41 (36)	29 (29)	30 (28)	26 (25)	29 (29)
Israel	24 (21)	20 (16)	19 (13)	28 (24)	27 (24)	20 (17)
Japan	11 (9)	15 (10)	13 (9)	17 (12)	16 (13)	25 (16)
Others	96 (78)	85 (77)	91 (80)	92 (84)	116 (100)	119 (103)
<i>Total Asia</i>	<i>314 (279)</i>	<i>316 (286)</i>	<i>309 (279)</i>	<i>337 (313)</i>	<i>343 (313)</i>	<i>332 (295)</i>
Ghana	29 (28)	30 (27)	28 (26)	23 (20)	30 (30)	34 (34)
Nigeria (included in Others up to 1959-60)	—	—	—	87 (79)	94 (90)	90 (87)
Egypt	7 (7)	14 (10)	19 (16)	21 (20)	16 (16)	15 (15)
South Africa ..	20 (16)	24 (20)	26 (22)	28 (25)	34 (33)	34 (32)
Others	115 (112)	113 (109)	125 (123)	48 (46)	67 (65)	47 (45)
<i>Total Africa</i>	<i>171 (163)</i>	<i>181 (166)</i>	<i>198 (187)</i>	<i>207 (190)</i>	<i>241 (234)</i>	<i>220 (213)</i>
Canada	45 (37)	56 (52)	81 (73)	78 (69)	102 (89)	93 (84)
United States ..	142 (115)	181 (154)	193 (158)	209 (168)	220 (187)	266 (191)
Others	—	—	—	—	4 (4)	6 (5)
<i>Total North America</i>	<i>187 (152)</i>	<i>237 (206)</i>	<i>(231)</i>	<i>287 (237)</i>	<i>326 (280)</i>	<i>365 (280)</i>
W. Indies (included in Cent. Amer. up to 1958-59)	—	—	30 (30)	39 (38)	33 (31)	33 (33)
Central America (incl. W. Indies up to 1958-59)	39 (35)	42 (38)	7 (4)	11 (7)	10 (9)	11 (9)
South America ..	19 (14)	19 (16)	39 (23)	57 (41)	46 (37)	40 (24)
Australia	26 (23)	25 (22)	19 (19)	24 (21)	38 (37)	28 (27)
New Zealand ..	6 (6)	6 (5)	3 (2)	6 (6)	4 (4)	9 (9)
Fiji	—	1 (1)	1 (1)	—	3 (3)	2 (2)
<i>Total Oceania</i> ..	<i>32 (29)</i>	<i>32 (28)</i>	<i>23 (22)</i>	<i>30 (27)</i>	<i>45 (44)</i>	<i>39 (38)</i>
Total ..	942 (818)	1020 (881)	1083 (923)	1167 (989)	1261 (1108)	1231 (1028)

The figures in brackets denote the number of Regular Students.

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, diploma or certificate 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.

No distinction in these categories is made between day and evening students, but registration of evening students for degree or diploma courses is restricted to persons in regular employment during the day.

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

First Degrees

(1) Candidates who wish to apply for admission as full-time students to a course leading to a first degree at the School and who are in this country at the time of application should apply through the Universities Central Council on Admissions, 29 Tavistock Square, London, W.C.1. Candidates still at school may obtain application forms from their head teachers; other candidates may obtain them by writing to the Secretary of the U.C.C.A. The completed application form should be returned direct to the U.C.C.A. and not to the School. The closing date for the receipt of applications by the U.C.C.A. is 31 December.

(2) Candidates who are overseas at the time they wish to apply should submit their applications direct to the School on a form which may be obtained from the Registrar, *unless* they normally live in the United Kingdom and are living abroad only temporarily, in which case they should apply through the U.C.C.A. as in (1) above.

Applications from overseas submitted direct to the School must be received by 30 November.

(3) Applications for admission to the evening degree courses should be sent direct to the School on a form which may be obtained from the Registrar. Such applications should normally be submitted as early as possible but will be considered so long as places remain available on the course.

(4) Before anyone can be considered for admission to a degree course he must have satisfied the general requirements of the University of

London and any additional requirements for the course for which he is applying, or must 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 130-1. Full details may be found in the University of London Entrance Requirements Regulations and the Regulations for degrees and diplomas. The former may be obtained from the Secretary, University Entrance Requirements Department, and the latter from the Academic Registrar, Senate House, W.C.1.

(5) 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. Candidates may also be asked to take an Entrance Examination.

(6) No person under the age of eighteen years will be admitted as a student without the Director's special permission. Any candidate who wishes to enter the School before his eighteenth birthday should state his reasons on his application.

(7) Candidates will be informed of the result of their applications. Successful candidates will be given advice on the choice of special and alternative subjects where appropriate. They 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.

(8) 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

Candidates for admission to courses leading to a first degree of the University of London must satisfy the general requirements laid down

by the University. Full details of the regulations governing these requirements may be obtained from the University (see paragraph 4 above). A summary of the regulations as they affect the degree courses offered by this School is set out below.

Candidates for any of the degree courses offered by this School may satisfy the 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) five subjects, of which at least two must be at advanced level,

or (b) four subjects, of which at least three must be at advanced level;

or

(2) graduating in another university approved for this purpose by the University of London;

or

(3) obtaining by examination a full practising professional qualification (the candidate must also be at least 23 years old by the time he wishes to start his degree course).

For Arts degrees, that is for the B.A. with Honours in Anthropology, Geography, History, Sociology or Philosophy and Economics, there are course requirements in addition to the general requirements. Arts candidates who satisfy the general requirements by (1) above must include, at ordinary or advanced level, passes in two languages, of which at least one must be a classical language such as Latin or Greek. (Moreover, British Constitution is recognised for Arts degree purposes at ordinary level only.)

Candidates for Arts degrees who satisfy the general requirements by means of (2) or (3) above should consult the Secretary of the University Entrance Requirements Department at Senate House about their position with regard to course requirements.

ADDITIONAL INFORMATION FOR OVERSEA STUDENTS

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

(a) Those who do not hold the relevant British qualifications must have obtained, from an approved university, a degree of at least Second Class standard.

(b) Candidates should send in with their application forms attested copies or photostat copies (not originals) of any examination certificates they hold. Those who already hold a degree should send copies of the

mark sheets of their final examinations and of their most recent transcripts of record if their university issues them. Only one copy of each document is required.

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

(d) 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 £500 to £550 a year. They may also be asked to provide a medical certificate.

(e) Intending students from overseas are strongly advised not to set out for this country unless they have received a definite offer of a place in the School.

GENERAL COURSE AND COMPOSITION FEE STUDENTS

Enrolment in these categories 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.

GENERAL COURSE

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

(2) Suitably qualified undergraduates who have spent at least two years at a foreign university may apply for admission as General Course students; American undergraduates who wish to spend at the School their junior year abroad should apply for this type of registration.

In certain circumstances graduate students may be accepted for General Course registration.

(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 session General Course students are given an introductory talk by the Adviser to General Course students, in which the system of teaching at the School will be explained. Each student will also be interviewed early in the session 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 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.

(c) A confidential tutor's 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.

COMPOSITION FEE

(1) Composition Fee enrolment enables a student to attend lectures for one session without supervision.

(2) Only graduates are ordinarily admitted in this category. The number admitted is strictly limited.

(3) (a) At the beginning of the session Composition Fee students may attend the introductory talk given by the Adviser to General Course students.

(b) Every student is given an initial interview with a member of the academic staff who will assist him to draw up a programme of study. No further supervision is provided.

(c) A Composition Fee student may attend lectures, but not seminars or tutorial classes.

(d) The student has full use of the library without payment of an additional fee.

(4) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures for which the student was registered, but does not include a detailed record of attendance.

(5) Application forms for Composition Fee registration may be obtained from the Registrar of the School.

(6) Applications must reach the School not later than 1 May before the opening of the session for which admission is sought.

3. OCCASIONAL STUDENTS

(1) Occasional students are entitled to attend up to five lecture courses, i.e. five 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 possible. The fee for most courses is 9s. od. per hour.

(2) 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 six days before the opening of the term in which he wishes to attend.

(3) 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 may be accepted. The claims of graduate students proceeding to further studies will receive special consideration. Candidates for external degrees of this University may not normally be registered as Occasional students.

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

(5) Occasional registration does not entitle a student to attend tutorial, seminar or discussion classes. The teaching facilities are strictly limited to attendance at lectures.

(6) On payment of an additional fee of two-and-a-half guineas, an Occasional student is allowed full use of the library facilities.

(7) At the end of his attendance a student will, on request, be given a typed certificate listing the lectures 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 and certificates awarded by the School may register as associate students of the University.

REGULATIONS FOR STUDENTS

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.

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. 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.

13. 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.

14. No student shall, without permission given by the Director or under his 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.

15. No gambling or betting may take place on School premises.

16. Only those games may be played on School premises for which a student society or club has been approved.

17. 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.

18. 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.

19. 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.

20. 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.

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 on the Secretary's notice-board.

FEES

(The fees stated are those which are applicable to the session 1963-64; 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 intercollegiate arrangements, the use of student common rooms of the other colleges at which they attend.

(2) Degree composition fees cover lectures, classes, and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.¹ 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 214)".

(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 normally issue receipts for the payment of fees by cheque unless specially required. The admission cards issued to occasional and graduate students will serve as an acknowledgment of the payment of their fees.

¹ The fees do not cover board and travel costs of vacation field-work which is compulsory for students proceeding to the B.A. Honours degree in Geography, and to the B.Sc. (Econ.) degree with the Special subject of Geography.

² If for any reason, including the fact that a student pays in terminal instalments, the full fees have not been paid by 31 December, the amount due is automatically increased by £2.

Fees for Full-time Undergraduate Courses; for Courses leading to Academic Postgraduate Diplomas; for Courses leading to Diplomas and Certificates awarded by the School; and for Special Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All first degrees Academic Diplomas in Anthropology Law Psychology Public Administration Statistics Diplomas in Economic and Social Administration Personnel Management Social Administration Mental Health Applied Social Studies Certificate in International Studies	£70	£26	£23
One-year Graduate Course in Business Administration Trade Union Studies Composition Fee	£60	£22	£20
General Course*	£90	£32	£30
Diploma in Operational Research	£200 for course (1 or 2 years)		
Industrial Financing	£300 for course (1 year)		

* From October 1964 the fee for this course will be £100 for the session.

Fees for Undergraduate Evening Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
B.Sc. (Econ.)	£25	£10	£8
LL.B. ¹	£32	£12	£11

Fees for Full-time Graduate Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees	£60	£22	£20
Research fee ²	£35	£13	£12
Continuation fee	£10	£4	£4

Fees for Part-time Graduate Courses³

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
LL.M.	£40	£14	£14
All higher degrees (except LL.M.) ⁴	£16	£6	£6
Research Fee	£16	£6	£6
Continuation fee	£5	—	—

¹ This fee is not applicable to students who entered the School before October 1963.

² 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.

³ A part-time graduate student is defined as one who is engaged regularly on work other than his studies for more than 15 hours a week.

⁴ Graduate students who have taken their first degrees at schools or colleges of the University of London may, in case of necessity, apply for a bursary to assist in the payment of their 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.

Fees for Occasional Students

(See page 134)

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 9s. per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £4 10s.

Examination Fees

In addition to the tuition fees payable to the School, students reading for higher degrees will be required to pay fees for entry to examinations. These are set out below:—

Higher Degrees :	£	s.	d.
M.Sc.(Econ.), M.A., or LL.M.	21	0	0
Ph.D.	30	0	0

STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS AND BURSARIES

The pages immediately following give particulars of the studentships, scholarships, 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.

(d) **Awards for Special Purposes**:—

- (1) The S. H. Bailey Scholarship in International Studies, page 150.
- (2) The Scholarship in International Law, page 150.

OVERSEA APPLICANTS

All the awards offered are open to overseas students, and there are some for which only overseas students can compete. Two valuable graduate entrance studentships are 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 University Central Council on Admissions by 31 December.

LEVERHULME ENTRANCE SCHOLARSHIPS

Three Leverhulme Entrance Scholarships of the value of £100 a year will be offered for award annually to students intending to read for first degrees at the School. If required, a place in a Hall of Residence will be reserved for each scholar, who will, however, be responsible for paying hostel fees.

The regulations for these awards are:—

- (1) Scholarship holders shall be required to proceed to an internal degree of the University of London in the Faculty of Economics (B.Sc.(Econ.) or B.Sc.(Soc.)), or in the Faculty of Arts (only for B.A. with Honours in Anthropology, Geography, History, Philosophy and Economics, or Sociology), or in the Faculty of Laws (LL.B.), as full-time students of the School.
- (2) All the awards shall be tenable for three years provided that the holder makes satisfactory progress.
- (3) The awards shall be made on merit following competitive interview; regard shall not be had to the candidates' financial circumstances.

Candidates who wish to apply for one of these scholarships should notify the Registrar by 31 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 take the Entrance Examination (see page 130) or to submit an essay on an approved topic. Selected candidates will be interviewed and in consequence overseas applicants cannot be considered unless they can be available for interview in London in the summer.
- (5) Candidates must be in a position to comply with the University of London requirements for admission to a first degree course or must enter for an examination to enable them to comply with such requirements before 1 October in the year of award.
- (6) Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.
- (7) The scholarship shall be tenable for one year in the first instance, but may be renewed for a second and third year subject to satisfactory reports on the student'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.

Entry forms may be obtained from the Registrar of the School and should be returned not later than 1 March in the year of award.

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS IN STATISTICS AND COMPUTATIONAL METHODS

Entrance Scholarships for students who wish to specialize in Statistics or Computational Methods have been established with the aid of funds provided by a number of business firms. The value of each scholarship will be £500 a year; each scholar will be responsible for paying his own fees. It is expected that two scholarships will be offered in 1964.

The regulations for these scholarships are:—

- (1) The scholarships shall be open equally to men and women.
- (2) Scholarship holders shall be required to register as full-time students of this School and to proceed to the internal degree of B.Sc. (Econ.) of the University of London and to offer either Statistics or Computational Methods as their special subject in Part II of the degree examination.
- (3) 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.
- (4) 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.
- (5) 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. They may also be required to attend an interview.
- (6) 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.

Entry 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 awarded every other year. The next award will probably be made in 1964.

The regulations for this exhibition are:—

- (1) Candidates must have attained the age of 20 years on 1 October in the year of award.
- (2) The exhibition shall be awarded on the basis of the candidate's academic record and by selective 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 or certificate course in the department of Social Science and Administration at the School.
- (5) The exhibition shall be tenable for one year.

Entry forms may be obtained from the Registrar of the School and should be returned not later than 31 May in the year of award, accompanied by the names of three referees and the evidence required under the conditions of award.

UNIVERSITY EXTENSION EXHIBITIONS

The School offers annually three exhibitions to the value of the Composition Fee for an evening student attending a first degree course.

The regulations for these exhibitions are:—

- (1) They shall be awarded on the recommendation of the University of London Council for Extra-Mural Studies.
- (2) Candidates must be University Extra-Mural students. They must satisfy the general requirements of the University of London and must reach the School's admission standard.
- (3) Exhibitioners shall be required to register as evening students of the School and to proceed to the B.Sc. (Econ.) or LL.B. degree of the University of London as internal students.
- (4) The exhibitions shall be awarded for one year in the first instance but may be renewed, subject to satisfactory progress, for the remainder of the normal evening course.

Candidates who wish to apply for an exhibition should write to the Director of the Department of Extra-Mural Studies, University of London, Senate House, London, W.C.1, by 1 November of the year before they hope to commence the degree course.

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 intellectual promise or merit.
- (2) They shall be open to day and evening students.
- (3) Holders of bursaries shall follow a first degree 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.

Forms of application may be obtained from the Registrar of the School.

Entrance Scholarships and Bursaries 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 C. S. Loch of the Charity Organisation Society, will be offered for award annually.

The regulations for these exhibitions are:—

- (1) Candidates must have attained the age of 20 years on 1 October in the year of award.
- (2) The exhibitions shall be awarded on the basis of the candidates' academic record and by selective interview.
- (3) Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.
- (4) Holders of the exhibitions shall pursue a diploma course in the department of Social Science and Administration at the School, and if a further year's tenure is granted, a further course in the same department.
- (5) The exhibitions shall be tenable for one year in the first instance, but may be renewed for a second year.

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 the conditions of award, must reach him not later than 31 May in the year of award.

AWARDS OFFERED BY LOCAL AUTHORITIES

Local Education Authorities throughout the country award Scholarships and Exhibitions for University study. Particulars may be obtained

from Education Officers of Counties or County Boroughs. Early application is advised.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

State Scholarships are awarded annually by the Ministry of Education to enable students over the age of 25 to pursue a full-time course of study leading to an Honours Degree.

Application must be made in November of the year before the candidate hopes to start his course of study.

Further particulars may be obtained from the Ministry of Education, Awards Branch, 13, Cornwall Terrace, 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.

LONDON COUNTY COUNCIL

In addition to making awards to undergraduates taking full-time courses the London County Council may award exhibitions covering tuition fees and other approved fees for evening study at this School, tenable for the duration of courses leading to internal degrees and diplomas of the University of London. Candidates must be resident in the Administrative County of London.

Teachers in the permanent full-time employment of the Council may be assisted with the fees for the courses of evening study.

Further particulars about these awards and exhibitions can be obtained from the Education Officer, The County Hall, Westminster Bridge, S.E.1 (reference HE.7/1).

Applications should be made by 31 January in the year of the award.

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 or some other related subject approved by the Council,

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 offer for award a number of scholarships for full-time students for a one-year course in Trade Union Studies.

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 and must not yet have begun on the final year.
- (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 September of each year.

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

THE ACWORTH SCHOLARSHIP

THE ROSEBERY SCHOLARSHIP

An Acworth and a Rosebery Scholarship each of the value of £75 a year will be offered for award by the School in alternate years.

The regulations for these scholarships are:—

- (1) The scholarships shall be open to any student reading for the B.Sc. (Econ.) degree who selects the Economics of Transport as an optional subject in Part II of the degree course.
- (2) Candidates must have completed not less than one year of a first degree course at the School and must not yet have begun on the final year.
- (3) Day and evening students of the School shall be eligible.
- (4) The scholarships shall be awarded on the quality of the candidates' work at the School. Candidates may also be required to attend an interview. These scholarships shall be awarded only if there are candidates of sufficient merit.
- (5) The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
- (6) The scholarships shall be awarded in September of each year.

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

HAROLD LASKI SCHOLARSHIP

An undergraduate scholarship of the value of about £45 a year will be offered by the School annually.

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 of the value of about £45 a year will be offered by the School annually.

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 (Medieval)

as his special subject in Part II of the examination and achieving the best result among such students in Part I of the examination as a whole. An award shall be made only if there is a candidate of sufficient merit.

- (2) The scholarship shall be tenable for one year.
- (3) The scholarship shall be awarded at the end of the Summer Term in each year.

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

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

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

The regulations for this scholarship are:—

- (1) The scholarship shall be open equally to men and women.
- (2) The scholarship shall be open to all regular students of the School, but normally preference will be given to a student whose course at the School has included the study of International Relations.
- (3) The scholarship shall be awarded to enable the successful student to attend a session at the Academy of International Law at The Hague or in any other institute of international study or to gain experience of some suitable international organisation on a plan to be approved by the Director.
- (4) The scholarship shall be awarded only if suitable candidates present themselves.

Candidates should make written application to the Director before 15 June 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 student 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 not later than 15 June in the year of award, stating the extent to which they have studied International Law, examinations, if any, that they have taken in it, and the principal grounds of their study in it.

CHRISTIE EXHIBITION

(For details see page 144.)

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

BRYCE MEMORIAL SCHOLARSHIP

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

The regulations for this scholarship are:—

- (1) Candidates must be internal students of the University.
- (2) Candidates must have completed the first year of a course as internal students of the University, and must be about to commence the second year of a course leading to the B.A. Honours degree in History or to the LL.B. degree.
- (3) The scholarship will be tenable for one year.

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 have 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.
- (6) Candidates must apply through the Director and applications must reach the Registrar by 15 September in the year of award.

Further information may be obtained from the Academic Registrar, University of London, W.C.1.

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.

STERN SCHOLARSHIPS IN COMMERCE

Two Sir Edward Stern Scholarships of the value of £40 will be awarded annually in July.

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 Monetary Economics, Industry and Trade or Accounting as the special subject in Part II of the examination.

Further information can be obtained from the University's Scholarships Pamphlet.

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. (Economics) (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 Academic Registrar, University of London, 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.

Studentships and Scholarships for Graduate Work awarded by the School

Note for Oversea 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 Studentships for oversea 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.

The regulations for studentships marked with an asterisk () are under review.*

GRADUATE STUDENTSHIPS*

Two Graduate Studentships for full-time students may be offered for award annually. Their maximum value will be £350 plus tuition fees when held by a student for the academic year immediately following the year in which he graduated, but in all other cases will be £375 plus tuition fees. The studentships will normally be offered for the execution of research within the field of the social sciences, including all the subjects covered in the curriculum of the School. In certain circumstances they may be open alternatively to students who wish to read for a higher degree examination of the University of London which is conducted by means of papers, or for any other graduate course approved by the Director.

The regulations for these studentships are:—

- (1) The studentships will be open equally to men and women graduates of any university.

- (2) Candidates applying for the award are invited to submit any of their original work, whether published or in typescript, which may be regarded as evidence of their capacity for independent research or advanced study.
- (3) Candidates should also submit a detailed scheme of their proposed research.
- (4) Successful candidates will be required to register as students of the School, paying the appropriate tuition fees, and to follow a course approved by the Director.
- (5) A full-time student receiving the maintenance grant may undertake no work outside his studies without special permission from the Director.
- (6) Transfer during the tenure of the studentship from full-time to part-time studies will entail a proportionate loss of maintenance grant and will be permitted only in exceptional circumstances.
- (7) The studentships will be tenable for one year with a possible extension to two years.

Application should be made on a form which can be obtained from the Secretary of the Graduate School. The closing date for entry will be 6 September.

LEVERHULME RESEARCH STUDENTSHIPS

Two Leverhulme Research Studentships may be offered for award annually. They are intended to promote the execution by a graduate student of a definite piece of original work in the field of the social sciences and will be awarded only if candidates of sufficient merit present themselves. The studentships will be of the value of £50 a year, plus tuition fees, but for full-time students may be supplemented by a maintenance grant. The value of the maintenance grant will be £300 when held by a student for the academic year immediately following the year in which he graduated, but in all other cases will be £325.

The regulations for these studentships are:—

- (1) The studentships will be open equally to men and women.
- (2) The successful candidates will be required to register as students of the School paying the appropriate tuition fees, and to follow an approved course of research and/or to read for a higher degree of the University of London.
- (3) The subject of research must be approved by the Director.
- (4) A full-time student receiving the maintenance grant may undertake no work other than his research without special permission from the Director. Transfer during the tenure

of the studentships from the full-time to the part-time basis consequent on undertaking any considerable outside work will entail a proportionate loss of maintenance grant and will be permitted only in exceptional circumstances.

- (5) The studentships will be tenable at the School 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 will be 6 September.

LEVERHULME GRADUATE ENTRANCE STUDENTSHIPS FOR OVERSEA STUDENTS*

Two Graduate Studentships, of a value of £450 each, plus tuition fees, will be offered annually.

The regulations for these studentships are:—

- (1) The studentships will be open to men and women who are graduates of an oversea university, or expect before October of the year of award to become graduates of such a university.
- (2) No person who is or has been a student of the London School of Economics is eligible.
- (3) Each student will 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, and to pay the appropriate fee.
- (4) The awards will be tenable for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.
- (5) 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 persons whom he should ask to write direct to the Secretary of the Graduate School to report on his suitability for the award. The candidate is responsible for seeing that these letters are sent in support of his application. The School will write to the referees only if further information is needed.

Applications must be received by 30 April for awards tenable from the following October. The awards will normally be made without interviewing the candidates.

LEVERHULME RESEARCH STUDENTSHIP FOR
OVERSEA STUDENTS*

The School may offer for award annually a studentship, not exceeding the value of £375, in addition to tuition fees, to enable a student from overseas to continue with full-time research at the School leading to a higher degree of the University of London. The award will be made only if there is a candidate of sufficient merit. It will be made in the Summer Term and announcements concerning it will appear on the appropriate notice-boards in the School at the beginning of that term.

The regulations for this studentship are:—

- (1) The award will 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 value of the studentship will be determined according to the needs of the holder.
- (3) The award will be tenable for one year only.

Applications for the awards must be made on a form which can be obtained from the Secretary of the Graduate School.

GREEK SHIPOWNERS' STUDENTSHIPS FOR GRADUATE
STUDENTS

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

The regulations for the studentships are:—

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

Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should state why he wishes to obtain an award and what benefit he hopes to derive from it, and he should supply details of his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two referees. He should also state whether he holds any other award and the value of it.

Applications must be received by 1 May 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 at least two graduate studentships, each of the value of £40, to enable the holders to read for the School's Certificate in International Studies, or 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 Registrar and must be returned to him by 30 June.

NOEL BUXTON STUDENTSHIP IN INTERNATIONAL
RELATIONS

With the aid of a grant provided by the Noel Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period. The first studentship will be offered for award in 1963 and thereafter it is intended to offer an award every other year.

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 Studentships 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 award will be made in 1963.

The regulations for this studentship are:—

- (1) The studentship shall be open to women students who are graduates or possess the necessary qualifications to undertake research.
- (2) The subject of research shall be approved by the Director of the School.
- (3) 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 Registrar. 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 scholarship 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 scholarship shall be required to register at the School as a full-time student and to undertake study research; his programme of work must have the approval of the Director.
- (4) The value of the studentship shall be at least £500 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 Registrar and must be returned to him by 31 May.

STUDENTSHIP IN THE ECONOMICS OF LATIN AMERICA

The School will offer at least one studentship, of the value of not less than £600 a year, to enable the holder to undertake graduate work in the Economics of Latin America.

The regulations for each studentship are as follows:—

- (1) The Studentship shall open to men and women graduates with good honours degrees in economics or to those who, before October in the year of award, obtain such degrees. Preference shall be given to candidates domiciled in the United Kingdom.
- (2) The value of the Studentship shall be not less than £600 a year together with the fees due to the School and the University of London. The cost of any travel in Latin America approved by the Director may also be provided.

- (3) The student shall be required to register at the School as a full-time student and to undertake research in the Economics of Latin America or advanced study preparatory to such research. His programme of work will require the approval of the Director.
- (4) 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, and may be further renewed thereafter.
- (5) Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should indicate in outline his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two referees.

Applications must be received by 11 June for awards tenable from the following October and should be addressed to the Secretary of the Graduate School.

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 within the field of Business Administration and students attending the one-year course in Business Administration 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 page 150.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 150.)

BURSARIES FOR GRADUATE STUDENTS

The School may offer a limited number of bursaries to assist graduate students to proceed with research work. The amount of the bursaries

will be equivalent to the value of the 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 intellectual promise or merit.
- (2) They shall be open equally to day and evening students.
- (3) The successful candidate shall follow a course of advanced study or research approved by the Director.
- (4) The bursaries shall be awarded for one year in the first instance.
- (5) Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to undertake research without financial assistance.

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

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

STATE STUDENTSHIPS

The Ministry of Education offers State Studentships for postgraduate study in Arts subjects, i.e. those covered by the work done at the School. The awards, which are open to all graduates of British universities normally resident in Great Britain, have at present a maximum value of £450 (or £340 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 Ministry of Education each summer on the basis of recommendations made by British universities during the Lent Term. Students of the School who wish to undertake postgraduate work with the aid of a State Studentship should apply to the Registrar by a date in the Lent Term which will be announced on the scholarships notice-board at the School. Every student seeking nomination must be supported by at least two and not more than three members of the teaching staff.

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL
RESEARCH

The Department of Scientific and Industrial Research has accepted the following courses as suitable for the tenure of its Advanced Course Studentships:—

- One-Year Graduate Course in Business Administration.
- Academic Postgraduate Diploma in Psychology (Section A: Social Psychology).
- Diploma in Operational Research.
- Diploma in Personnel Management.

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

The Department 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.

Attention is also drawn to the statement on page 255 about the availability of D.S.I.R. grants for students engaging in Joint Postgraduate Studies in Technology, Economics and Administration.

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 next award of the studentship, which is designed for students of postgraduate standing, will be made in 1963. The studentship is of the value of at least £500, 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 Trustees.
- (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, with the possibility of renewal for a second 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.

Applications should be sent, when the studentship has been advertised, to the Hon. Secretary of the Trust, Miss E. Crittall, Institute of Historical Research, University of London, Senate House, London, W.C.1. There are no special application forms.

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 scholarship 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 Academic Registrar, University of London, W.C.1, from whom further particulars and application forms can 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.

THE HENRY CHARLES CHAPMAN JUNIOR RESEARCH FELLOWSHIP

(1) The Institute of Commonwealth Studies offers a Junior Research Fellowship 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 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.

(3) The annual value of each Junior Research Fellowship will be in the range £375-£500 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £375 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 the 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 Fellowship 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 £375. It 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. The holder of the Fellowship will be required to devote his full time to the subject of his 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) No application form is prescribed. Candidates should give full details of their school and University careers, state the proposed subject

of research and submit a general scheme of work. They should also give the names and addresses of two persons to whom reference may be made, one of whom should, where possible, be the Supervisor of the candidate's research.

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

(8) Applications 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 £400 a year, plus tuition fees, 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. Time spent on National Service will not count in computing this period.
- (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, 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; three studentships in Economics and Geography, and three studentships in History. The value of the studentships will be not less than £400 a year, plus tuition fees.

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.
- (4) 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 and Prizes Committee after consideration of reports from the relevant examiners.

Further information can be obtained from the University's Scholarships Pamphlet.

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.
- (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.

¹ For the time being the University will make an additional grant of up to £100 and will also defray appropriate *tuition fees*.

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

Further information may be obtained from the University's Scholarship pamphlet.

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, except students who have been engaged on approved National Service.
- (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 the Academic Registrar, University of London, W.C.1, by 1 March in the year of award. Further information can be obtained from the Academic Registrar.

DERBY STUDENTSHIP

A Derby Studentship in History is awarded annually by the University on the results of the Final examination in Arts. The value of the studentship will be not less than £350 a year, plus tuition fees. Candidates wishing to be considered for the studentship should make application on their entry forms for the examination.

Further information can be obtained from the University's Scholarships Pamphlet.

GERSTENBERG STUDENTSHIP

A Gerstenberg Studentship is awarded annually by the University on the results of the Final examination in Economics. The value of the studentship will be not less than £350 a year, plus tuition fees. Candidates wishing to be considered for the Gerstenberg Studentship should make application on their entry forms for the examination.

Further information can be obtained from the University's Scholarships Pamphlet.

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. Candidates wishing to be considered for the scholarship should make application on their entry forms for the examination.

Further information can be obtained from the University's Scholarships Pamphlet.

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 £500, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £500 a year.

(2) At least half of the Fellowships available will be restricted to graduates in History of the University of London, and the others will be open to graduates of any University.

(3) The Fellowships will normally be awarded to graduates 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 should reach the Director of the Institute of Historical Research not later than 1 April.

(5) Candidates must submit a general scheme of work for the approval of the Institute Committee, and the holder of a Fellowship will be required to devote his whole time to the subject of his research.

JOSEPH SCHOLARSHIP

The Madge Waley Joseph Memorial Scholarship for women, founded in memory of the late Mrs. Madge Waley Joseph, will be awarded annually and will be of the value of about £40. The scholarship will be awarded alternately to a student of Bedford College and of the London School of Economics. It should be awarded to a student of the School in 1964.

The regulations for this scholarship are:—

- (1) The scholarship is only open to women students.
- (2) Candidates must pursue a one-year graduate course in Social Science in preparation for subsequent work in social service.
- (3) Candidates must be nominated by the Director and nominations must reach the Academic Registrar not later than 15 June in the year of award.
- (4) The scholarship will be tenable for one year.

Further information can be obtained from the University's Scholarships Pamphlet.

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.

Further information may be obtained from the University's Scholarships Pamphlet.

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 147.)

AWARDS FOR STUDY 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 to 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.

RAYNES UNDERGRADUATE PRIZE

A prize to the value of £10 in books, provided through the generosity of Mr. Herbert Ernest Raynes, will be awarded annually in July to the student who obtains the best marks at Part I of the Final B.Sc. (Econ.) examination.

ALLYN YOUNG PRIZE

A prize of £10 in memory of the late Professor Allyn Young 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 Final B.Sc. (Econ.) examination. The prize, which will be given in books, will only be awarded if an adequate standard of excellence has been attained.

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 second best performance in Part I of the B.Sc. (Econ.) examination as a whole (the Raynes Prize is offered for the best performance); one for the best performance in Economic History or Political History; one for the best performance for British Government: An Introduction to Politics.

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

B.A. or B.Sc. with Honours in Sociology, B.A. with Honours in Geography, History, Philosophy and Economics: A prize will be awarded to the student who is adjudged to have done the best first year's work in each of these degree courses.

HUGHES PARRY PRIZE

The Hughes Parry Prize, of books to the value of about £10, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject Law of Contract in the Special 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.

WILLIAM FARR PRIZE

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £5. It will be awarded for proficiency and merit in the special subjects of Statistics or Computational Methods¹ 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. It is awarded to a student who shows conspicuous merit in the special subject of Economics at Part II of the Final B.Sc. (Econ.) 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 only be awarded if there is a suitable candidate.

THE HILDA AND GEORGE ORMSBY PRIZES

Through the generosity of Dr. Hilda Ormsby the School offers annually two prizes, open to students who pursue a course of study at the School as internal students of the University of London.

The first of these prizes, to the value of £30, will be awarded for an essay on an approved subject in the field of Geography and will be open for competition to all students of the School reading for a first

¹ Students who are offering the special subject Computational Methods will be eligible for the award if they offer the paper "Probability, Distribution and Sampling Theory".

degree. It will normally be awarded in June of each year. The subjects approved for the award will be announced annually in the Michaelmas Term, and essays of not more than 3,000 words in length should be submitted to the Registrar by 31 May.

The second, to the value of £20, will be awarded to the candidate whose performance is adjudged the best either in the B.Sc. (Econ.) Part II examination, with Geography as Special Subject, or in the B.A. Honours Geography final examination.

PREMCHAND PRIZE

A prize of £20, 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 only be awarded if there is a suitable candidate.

ROTARY GOLDEN ANNIVERSARY PRIZE

(Offered by the University of London and open to all students taking the B.Sc. (Econ.) Examination.)

A Rotary Golden Anniversary Prize of £20 is offered annually by the University for award to the student, Internal or External, who achieves the best performance in the B.Sc. (Economics) Examination, having included among his or her subjects "The Structure of International Society".

THE BASSETT MEMORIAL PRIZE

A prize of books to the value of £15, in memory of Professor R. Bassett, Professor of Political Science, will be offered annually. It will be awarded to the regular student of the School who, as a candidate for the B.Sc.(Econ.) degree, Special Subject: Government, is judged to be the best of his year. Special consideration will be given to conspicuous merit in the paper on "The Politics and Government of the United Kingdom".

HOBHOUSE MEMORIAL PRIZE

A prize of £10 founded in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907 to 1929, will be awarded annually to a student who shows conspicuous merit in the subject of Sociology. The prize, which will be given in books, is restricted to regular students of the School, who have

pursued a course of study at the School as internal students of the University. It will only be awarded if an adequate standard of excellence has been attained.

THE FREE PRESS PRIZE

Through the generosity of the Free Press of Glencoe, books to the value of £15 are offered annually to a student who shows conspicuous merit in the subject of Sociology. The prize will be awarded on the basis of candidates' performance in the final examination for the B.A. degree with Honours in Sociology, the B.Sc.(Sociology) degree, or B.Sc.(Econ.) degree with Sociology in Part II of the final examination. It is restricted to regular students of the School who are also internal students of the University. It will be awarded only if there is a suitable candidate.

MOSTYN LLOYD MEMORIAL PRIZE

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of £10 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 head 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.

THE JANET BEVERIDGE AWARD

The Trustees of the Janet Beveridge Memorial Fund have provided funds to enable the School to offer an annual prize. It will consist of books, and will be awarded by the Director to a student who achieves conspicuous merit in the final examination for the Diploma in Social Administration.

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 a 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 19th 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 8-10,000 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.

THE DIRECTOR'S ESSAY PRIZES

Two prizes in books, one of £5 and one of £3, are awarded annually by the Director for the best essay written during the first session by an undergraduate student, reading for a first degree or certificate, who has not previously studied at a University. The subjects for the essay, which should not exceed 3,000 words, will be prescribed annually.

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 not normally be less than £26. 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 1966. 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. od. 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. Essays should be sent to the Tutor to the course in Trade Union Studies by 31 May.

FIRST DEGREE COURSES

- (1) General Information.
- (2) Degree of Bachelor of Science in Economics (B.Sc. (Econ.)).
- (3) Degree of Bachelor of Laws (LL.B.).
- (4) Degree of Bachelor of Arts (B.A.).
- (5) Degree of Bachelor of Science in Sociology (B.Sc. (Soc.)).

General Information

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

Bachelor of Science in Economics. (*Day and evening courses.*)

Bachelor of Laws. (*Day and evening courses.*)

Bachelor of Arts with Honours in the following subjects:—

Anthropology, Geography, History, Philosophy and Economics, Sociology. (*Day courses only.*)

Bachelor of Science in Sociology. (*Day course only.*)

Candidates for the degree of B.Sc. in Household Science, Anthropology, Psychology, Geography, 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.

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 only be made in exceptional cases and subject to such conditions as the Director may require in any particular case.

Evening Students

No person will be admitted to a course of study as an evening student unless he is in regular employment during the day.

Evening students reading for the B.Sc. (Econ.) degree spread the course of study for Part I of the Final examination over two years and for Part II over three years. The School cannot undertake to arrange that lectures and classes will be held at suitable times for evening students who try to complete the course in a shorter period.

The School cannot guarantee that evening instruction will be given in all special, alternative and optional subjects of the degree courses provided. Evening students should, on entry, ask the Registrar what courses will be held in the particular subjects in which they are interested.

2. Degree of Bachelor of Science in Economics

Complete courses of study are provided by the School for the degree of B.Sc. (Econ.).

Before admission to the course a student must have satisfied Entrance Requirements for admission to the Faculty of Economics in the University of London. In general this means that candidates must have passed in five subjects in the General Certificate of Education Examination, two of them at Advanced level, or in four subjects, three of them at Advanced level, or be graduates of an approved university.

A candidate who has attained the age of 23 and holds a full practising professional qualification obtained by examination may apply for his qualification to be recognized as satisfying the entrance requirements.

All candidates should consult the pamphlet containing regulations relating to University Entrance Requirements, which may be obtained from the Secretary to the Entrance Requirements Department, University of London, Senate House, London, W.C.1.

On the following pages are set out details of the B.Sc. (Econ.) degree: Revised Regulations. Details of the Old Regulations can be seen in the Calendar for 1962-63 but no further registration under them will be permitted.

Revised 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. 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

Candidates are required to take five papers. Three are compulsory:—

Subject.	Reference Nos of Courses.
1. Economics	9, 25
2. British Government: an Introduction to Politics ..	560
3. History, <i>either</i> (a) Economic History	260
<i>or</i> (b) Political History	289, 305

and two are known as alternative subjects. The fifteen alternative subjects are:—

(1) Mathematics, <i>either</i> (a) Basic Mathematics	910-11
<i>or</i> (b) Intermediate Mathematics	912-13
(2) Elementary Statistical Theory	923-4
(3) Introduction to Logic	485, 485(A)
(4) Introduction to Scientific Method	486, 486(A)
(5) English Legal Institutions	381, 411
(6) Elements of Social Structure I ¹	833
(7) Structure of International Society I	500-1
(8) Methods of Social Investigation	920-1, 947
(9) Principles and Methods of Social Anthropology ..	640, 655
(10) Psychology	703, 704, 709
(11) An Approved Modern Foreign Language	460-1
(12) Geography	185, 186
(13) Economic History of England from the Norman Conquest to 1485	273, 275
(14) Ethics as applied to Problems of Social Organisation ..	854
(15) Elements of International Law ²	371, 405

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 (except No. 6)
II. Monetary Economics.	Any two of the alternative subjects (except No. 6)
III. Industry and Trade ³	(5) English Legal Institutions and <i>either</i> 3(b) Political History <i>or</i> (1) Mathematics (a) <i>or</i> (b) <i>or</i> (3) Introduction to Logic.
IV. Accounting.	(5) English Legal Institutions and <i>either</i> (1) Mathematics (a) <i>or</i> (b) <i>or</i> (2) Elementary Statistical Theory.

¹ This subject may only be taken by candidates offering Special Subject VIII (Sociology) or Special Subject XII (Social Anthropology) at Part II.

² Candidates who have taken Elements of International Law at Part I will not be permitted to offer International Law at Part II.

³ Students will offer (a) Economic History under Paper 3 as a Compulsory Subject.

SPECIAL SUBJECT IN PART II**ALTERNATIVE SUBJECTS IN PART I**

V. Economic History, Modern.	Any two of the alternative subjects (except No. 6)
VI. Economic History, Mediaeval.	Any two of the alternative subjects (except No. 6)
VII. Government.	Any two of the alternative subjects (except No. 6)
VIII. 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.
IX. Statistics.	(1) (b) Intermediate Mathematics and <i>either</i> (2) Elementary Statistical Theory <i>or</i> (3) Introduction to Logic.
X. Computational Methods.	(1) (b) Intermediate Mathematics and <i>either</i> (2) Elementary Statistical Theory <i>or</i> (3) Introduction to Logic.
XI. International Relations.	Any two of the alternative subjects (except No. 6)
XII. 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.
XIII. International History.	Any two of the alternative subjects (except No. 6)
XIV. Geography.	(12) Geography and any one of the other alternative subjects (except No. 6)

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.

A candidate who has taken both paper 3 (a) Economic History, and 3 (b) Political History (as an alternative subject), at Part I will be required if offering History at Part II under 2, 3 or 8, to take the paper 8 (d) "International Economic History, 1850-1945" as prescribed in V Economic History, Modern.

PART II**Special Subjects**

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

Subject.	No. of Papers.	Reference Nos of Courses.
I. Economics, Analytical and Descriptive	8	
1. Political Thought		561-3
2. One of the following:—		
(a) History		
(i) Economic History		261
(ii) Political History		290, 306
(b) Mathematics A ¹		914-15
(c) Mathematics B		916-17
3. One of the following:—		
(a) Scientific Method		488, 488(A)
(b) Accounting—Management and Economic Aspects ..		133-4, 136

¹ This paper may not be taken by candidates who have taken (b) *Intermediate Mathematics* at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(c) Theory of Statistical Methods	927, 931-2, 955
(d) Economic Geography	187, 193
(e) An Approved Modern Foreign Language	462-4, 466-70
(f) Public Finance	56-7, 62
(g) Elements of Statistical Theory and Methods ¹	923-5
(h) Constitutional and Administrative Law	392
(i) Elements of Commercial Law	382-6, 412
(j) Banking Law ²	—
(k) International Law ³	371-2, 405
(l) Elements of Social Structure II	833-4
(m) Mathematics A or B (if not taken in 2 above)	914-5, or 916-7
(n) Structure of International Society II ⁴	502, 503, 505
(o) Mathematical Logic	487, 487(A)
4. Economic Principles	11, 13, 28, 102
5. Problems of Applied Economics	45-50, 66, 940
6. Either		
(a) Economic Statistics	144, 940, 941(A), 942, 949-53
or		
(b) Statistical Methods in Economics	18
7. Development of Economic Analysis	12, 29
8. One of the following:—		
(a) History of Economic Thought	10, 27
(b) Economics treated Mathematically	14-16, 970-3, 989
(c) Public Finance (if not taken in 3 above)	56-7, 62
(d) Economics of Transport	170-4
(e) International Economics	102
(f) Industry and Trade	51-2, 65
(g) Agricultural Economics	60
(h) Economics of Labour	59
(i) Principles of Monetary Economics	85-8, 93-4
(j) Business Finance	50, 54-5, 63
(k) Economic Statistics (if not taken in 6 above)	144, 940, 941(A), 942, 949-53
II. Monetary Economics	8	
1. Political Thought	561-3
2. History		
either (i) Economic History	261
or (ii) Political History	290, 306
3. One of the following:—		
(a) Scientific Method	488, 488(A)
(b) Accounting—Management and Economic Aspects	133-4, 136
(c) Economic Geography	187, 193
(d) An Approved Modern Foreign Language	462-4, 466-70
(e) Constitutional and Administrative Law	392
(f) Elements of Commercial Law	382-6, 412

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

² Formal classes in this subject are no longer held but students wishing to make a study of it should consult Lord Chorley.

³ This paper may not be taken by candidates who have taken Elements of International Law at Part I.

⁴ This may be taken only by those who take International Economics under 8.

Subject.	No. of Papers.	Reference Nos. of Courses.
(g) Banking Law ¹	—
(h) International Law ²	371-2, 405
(i) Elements of Social Structure II	833-4
(j) Elements of Statistical Theory and Methods ³	923-5
4. Economic Principles	11, 28, 102
5. Problems of Applied Economics	45-9, 66, 940
6. Principles of Monetary Economics	85-91, 93, 94
7. Monetary Institutions	80-4
8. One of the following:—		
(a) History of Economic Thought	10, 27
(b) International Economics	102
(c) Economic Statistics	144, 940, 941(A), 942, 949-53
(d) Public Finance	56-7, 62
III. Industry and Trade	8	
1. Economic Principles	11, 28, 102
2. Political Thought	561-3
3. Economic Statistics and Business Accounts	133, 920-1, 940-1
4. Business Administration	125-7
5. Industry and Trade	51, 52, 64-5, 171
6. Either		
(a) Labour, including Law of Labour and Social Insurance	53, 382, 390, 413, 616
or		
(b) Economics of Labour	59
7. Elements of Commercial Law	382-3, 385-6, 412
8. One of the following:—		
(a) Accounting—Management and Economic Aspects	133-4, 136
(b) Applied Statistics	943
(c) Business Finance	50, 54-5, 63
(d) Economics treated Mathematically	14-16, 970-3, 989
(e) History of Economic Thought	10, 27
IV. Accounting	8	
1. Political Thought	561-3
2. One of the following:—		
(a) History:		
either (i) Economic History	261
or (ii) Political History	290, 306
(b) Business Administration	125-7
(c) Mathematics A ⁴	914-5
(d) Mathematics B	916-7
(e) Elements of Statistical Theory and Methods ⁵	923-5
(f) Economics treated Mathematically	14-16, 970-3, 989
(g) Elements of Management Mathematics	920-1, 964-7, 970

¹ Formal classes in this subject are no longer held but students wishing to make a study of it should consult Lord Chorley.

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

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

⁴ This paper may not be taken by candidates who have taken (b) *Intermediate Mathematics* at Part I.

⁵ This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
3. Economic Statistics and Business Accounts	133, 920-1, 940-1
4. Economic Principles	11, 28, 102, 140, 142
5. <i>Either</i>		
(a) Problems of Applied Economics	45-9, 66, 940
Or		
(b) Industry and Trade	51, 52, 65
6. Elements of Commercial Law	382-5, 412
7 and 8. Accounting	133-9, 141, 143
V. <i>Economic History, Modern</i>	8	
1. Economics	61, 67, 940
2. Political Thought	561-3
3. English Economic History, 1485-1760	263-4
4. English Economic History from 1760	264-5
5 and 6. Economic and Political History of England in <i>one</i> of the following periods:—		
(a) <i>ca.</i> 1575-1642	266, 276
or		
(b) 1830-1886	267, 277
7. Economic History of the United States of America from 1783	269-72
8. <i>One</i> of the following:—		
(a) Economics of Transport	170-4
(b) English Constitutional History since 1660	564
(c) International History, 1815-1945	292-7, 309
(d) International Economic History, 1850-1945	303
(e) An Approved Modern Foreign Language	462-4, 466-70
(f) Scientific Method	488, 488(A)
(g) Social Philosophy	851-2, 855
(h) Elements of Social Structure II	833-4
(i) Economic Statistics	144, 940, 941(A)
(j) Historical Geography	942, 949-53
(k) Political History	188, 198, 239
(l) Social Aspects of Political and Economic Development	290, 306
(m) Social Aspects of Political and Economic Development	657-660
VI. <i>Economic History, Mediaeval</i>	8	
1. Economics	61, 67, 940
2. Political Thought	561-3
3 and 4. Economic History of England and Western Europe in the Middle Ages	274
5 and 6. English Economic History, 1377-1485	274
7 and 8. <i>Two</i> of the following:—		
(a) English Constitutional History to 1485	338
(b) English Constitutional History since 1660	564
(c) Economic History of England, 1485-1760	263-4
(d) Economic History of England from 1760	264-5
(e) International History, 1815-1945	292-7, 309
(f) International Economic History, 1850-1945	303
(g) Economic History of the United States of America from 1783	269-272
(h) Mediaeval Political Text	—
(i) An Approved Modern Foreign Language	462-4, 466-70
(j) Scientific Method	488, 488(A)
(k) Historical Geography	188, 198, 239
(l) Social Philosophy	851-2, 855

Subject.	No. of Papers.	Reference Nos. of Courses.
VII. <i>Government</i>	8	
1. Economics .. .. .	.. .. .	61, 67, 940
2. History:		
<i>either</i> (i) Economic History .. .. .	.. .. .	261
or (ii) Political History .. .. .	.. .. .	290, 306
3. <i>One</i> of the following:—		
(a) English Constitutional History since 1660 .. .. .	.. .. .	564
(b) Constitutional and Administrative Law .. .. .	.. .. .	392
(c) International Institutions .. .. .	.. .. .	507-9, 507(A)
(d) History of Economic Thought .. .. .	.. .. .	10, 27
(e) Scientific Method .. .. .	.. .. .	488, 488(A)
(f) An Approved Modern Foreign Language .. .. .	.. .. .	462-4, 466-70
(g) Local Government of England and Wales .. .. .	.. .. .	570, 570(A)
4. Political Thought .. .. .	.. .. .	561-3
5. Political Thought (Set Texts) .. .. .	.. .. .	586
6. The Politics and Government of the United Kingdom .. .. .	.. .. .	565-9
7. Comparative Political Institutions .. .. .	.. .. .	573-7, 577(A)
8. <i>One</i> of the following:—		
(a) Political Philosophy .. .. .	.. .. .	587, 587(A), 587(B)
(b) Contemporary Political Thought .. .. .	.. .. .	588, 588(A), 588(B), 589
(c) The Politics and Government of a Foreign or Commonwealth Country .. .. .	.. .. .	3, 393, 578, 578(A), 579, 581-3, 581(A), 582(A), 583(A)
VIII. <i>Sociology</i>	8	
1. Economics .. .. .	.. .. .	61, 67, 940
2. Political Thought .. .. .	.. .. .	561-3
3. History:		
<i>either</i> (i) Economic History .. .. .	.. .. .	261
or (ii) Political History .. .. .	.. .. .	290, 306
4. Theory and Methods of Sociology .. .. .	.. .. .	830-1, 841
5. Social Philosophy .. .. .	.. .. .	851, 852, 855
6. Social Structure of Modern Britain .. .. .	.. .. .	843-4
7. Essay on a Sociological Subject .. .. .	.. .. .	—
8. <i>One</i> of the following:—		
(a) Demography I .. .. .	.. .. .	682-3
(b) Psychology .. .. .	.. .. .	703, 705-7, 710-11, 715
(c) Criminology .. .. .	.. .. .	364, 846-50
(d) Comparative Morals and Religion .. .. .	.. .. .	832, 832(A)
(e) Political Sociology .. .. .	.. .. .	837
IX. <i>Statistics</i>	8	
1. <i>Either</i>		
(a) Economic Principles .. .. .	.. .. .	11, 28, 102
Or		
(b) Economics treated Mathematically .. .. .	.. .. .	14-16, 970-3, 989
2. Political Thought .. .. .	.. .. .	561-3
3. Mathematics B .. .. .	.. .. .	916-7
4. Probability, Distribution and Sampling Theory .. .. .	.. .. .	926, 930, 932,
5. Theory of Statistical Methods .. .. .	.. .. .	927, 931, 932, 955
6 and 7. <i>Two</i> of the following:—		
(a) Actuarial Statistics .. .. .	.. .. .	956-8
(b) Demography II .. .. .	.. .. .	680, 681, 683-5
(c) Econometrics .. .. .	.. .. .	949-954, 970-1, 989
(d) Computer Programming and Numerical Analysis .. .. .	.. .. .	960, 962(a), 962(b)
(e) Social Statistics and Survey Methodology .. .. .	.. .. .	946-9, 955
(f) Mathematical Logic ¹ .. .. .	.. .. .	487, 487(A)

¹ This paper will be available from October 1963 provided the University of London has approved its inclusion by then.

Subject.	No. of Papers.	Reference Nos. of Courses.
8. General Statistics		928-9, 940, 944-5, 965, 970-1, 989
<i>and A practical examination on Papers 4-8</i>		—
X. <i>Computational Methods</i>	8	
1. <i>Either</i>		
(a) Economic Principles		11, 28, 102
Or		
(b) Economics treated Mathematically		14-16, 970-3, 989
2. Political Thought		561-3
3. Mathematics B		916-7
4. Management Mathematics		965-7, 970-1
5. Computer Programming and Numerical Analysis		960-1, 962(a), 962(b)
6 and 7. <i>Two of the following:—</i>		
(a) Accounting—Management and Economic Aspects		133-4, 136
(b) Data Processing including Elements of Accounting		133, 135, 960-1, 964
(c) Probability, Distribution and Sampling Theory		926, 930, 932
(d) Social Statistics and Survey Methodology		946-9, 955
(e) Elements of Statistical Theory and Methods ¹		923-5
(f) Mathematical Logic ²		487, 487(A)
8. General Statistics		928-9, 940, 944-5, 965, 970-1, 989
<i>and A practical examination on Papers 4-8</i>		963
XI. <i>International Relations</i>	8	
1. Economics		61, 67, 940
2. Political Thought		561-3
3. <i>Either</i>		
(a) History:		
<i>either</i> (i) Economic History		261
or (ii) Political History		290, 306
Or		
(b) International Law ³		371-2, 405
4. International History, 1815-1945		292-3, 297, 309
5. International Relations		502-4, 506, 520
6. International Institutions		507-9
7 and 8. <i>Two of the following:—</i>		
(a) The Politics of International Economic Relations		510
(b) International Law (if not taken under 3)		371-2, 405
(c) International History (Special Period)		301-2
(d) The Problems of International Peace and Security		511
(e) Philosophical and Psychological Aspects of International Affairs		514-6, 515(A), 516(A)
(f) The Geographical and Strategic Aspects of International Affairs		511, 513, 517, 517(A)
(g) The Interplay between Politics at the Domestic and International Levels		518, 518(A)
(h) Sociology of International Law		519, 519(A)

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

² This paper will be available from October 1963 provided the University of London has approved its inclusion by then.

³ This paper may not be taken by candidates who have taken Elements of International Law at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(i) <i>Either</i>		
(i) Political Philosophy		587, 587(A), 587(B)
Or		
(ii) Contemporary Political Thought		588, 588(A), 588(B), 589
Or		
(iii) An Approved Modern Foreign Language		462-4, 466-7
XII. <i>Social Anthropology</i>	8	
1. Economics		61, 67, 940
2. <i>Either</i>		
(a) Political Thought		561-3
Or		
(b) Social Aspects of Political and Economic Development		657-60
3. History:		
<i>either</i> (i) Economic History		261
or (ii) Political History		290, 306
4. General Principles of Cultural and Social Anthropology		641-2, 649, 655, 658-60
5. Economic and Political Systems		641-2, 645-6
6. Moral and Ritual Systems		641-2, 645-6
7. Ethnography of a Special Area		650-2
8. Development of Social Anthropology		648
XIII. <i>International History</i>	8	
1. Economics		61, 67, 940
2. Political Thought		561-3
3. <i>One of the following:—</i>		
(a) Economic History		261
(b) Structure of International Society II		502, 503, 505
(c) International Law ¹		371-2, 405
(d) An Approved Modern Foreign Language		462-4, 466-70
(e) Historical Geography		188, 198, 239
(f) Economic Geography		187, 193
4. International History, 1494-1815		291, 307
5. Diplomatic Relations of the Great Powers, 1815-1914		292
6. International History, 1914-1945		293-7, 308
7. <i>One of the following:—</i>		
(a) The Old Foreign Office, 1815-1861		299
(b) The Great Powers and Egypt, 1882-1888		300
(c) The Manchurian Crisis, 1931-1933		301
(d) Anglo-German Naval Diplomacy, 1933-1939		302
8. <i>One of the following:—</i>		
(a) International Institutions		507, 507(a), 508-9
(b) International Economic History, 1850-1945 ²		303
(c) British-American-Russian Relations, 1815-1914		298
XIV. <i>Geography</i>	8	
1. Economics		61, 67, 940
2. Political Thought ³		561-3

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

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

³ In approved cases students may offer as an alternative to Political Thought an Approved Modern Foreign Language or Economic Statistics.

Subject.	No. of Papers.	Reference Nos. of Courses.
3. History:		
<i>either</i> (i) Economic History		261
<i>or</i> (ii) Political History		290, 306
4. Physical Geography		191, 192, 197
5. Economic Geography		187, 193
6. The British Isles		189, 194
7. Europe		190, 195
8. <i>One of the following</i> —		
(a) Political Geography		188, 199
(b) Historical Geography		188, 198, 239
(c) Social Geography		188, 200
(d) The Geography of an approved Region:—		
<i>Either</i>		
(i) North America		188, 201
<i>Or</i>		
(ii) Monsoon Asia		188, 202
<i>Or</i>		
(iii) Africa		188, 203
<i>Or</i>		
(iv) Latin America ¹		—
(e) Economics of Transport		170-4, 188

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.

An application to proceed to the B.Sc. (Econ.) Degree as an Advanced Student will only be considered where the course of study leading to the degree upon which the application is based contains appropriate subjects. Students granted advanced standing in respect of the B.Sc. (Econ.) Degree may apply for permission to take Part I of that examination before their admission and, if successful, be credited with Part I and be permitted to proceed to Part II after an approved course of study as an Internal Student extending over not less than two years.

¹ For examinations in and after 1964.

3. Degree of Bachelor of Laws

The School co-operates with King's College and University College in providing a complete course for the degree of LL.B. and students registered at the School have access to all the necessary lectures wherever given. The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 177).

INTERMEDIATE EXAMINATION

The Special Intermediate examination is held once a year in June.

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(a) Constitutional Law	1	360, 396
(b) The English Legal System	1	361, 395
(c) Elements of the Law of Contract	1	362, 397
(d) <i>either</i> (i) History and outlines of Roman Private Law	1	—
<i>or</i> (ii) Introduction to Economic and Political Institutions (two papers chosen from the subjects set out below):	2	
(a) Economics		8, 26, 44
<i>and either</i> (b) Economic History		262
<i>or</i> (c) Political History		289

Note: Students registered at the School are required to take Introduction to Economic and Political Institutions for Paper (d).

A candidate will not be permitted to enter for Part I of the Final LL.B. Examination until he has completed the whole of the Intermediate Examination including any subject in which he has been referred.

A candidate who has been referred in one subject at the Special Intermediate Examination may take his referred subject at the general Intermediate Examination, which is held in September.

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 examination for both Part I and Part II is held once a year only, in June.

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 on one occasion alone or with Part II of the examination.

A candidate who passes in his referred subject but fails in Part II will be credited with Part I of the examination.

A candidate who passes in Part II but fails in the referred subject, will be credited with Part II provided that he passes in the referred subject at the next examination when he will also be credited with Part I.

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

Subject.	No. of Papers.	Reference Nos. of Courses.
PART I		
I. Criminal Law <i>or</i> Indian Criminal Law	I	363, 364, 398 <i>or</i> 418
II. Law of Tort	I	365, 399
III. Law of Trusts	I	366, 400
IV. <i>One of the following:—</i>		
(a) English Land Law	I	367, 402
(b) Principles of the Law of Evidence		380, 403
(c) English Administrative Law		369, 404,
(d) Muhammadan Law		417
(e) Hindu Law		416
PART II		
I. Jurisprudence and Legal Theory	I	368, 401
II. <i>Three of the following:—</i>		
English Land Law (if not taken at Part I)	3	367, 402
Principles of the Law of Evidence (if not taken at Part I)		380, 403
English Administrative Law (if not taken at Part I)		369, 404
Muhammadan Law (if not taken at Part I)		417
Hindu Law (if not taken at Part I)		416
Roman Law		420
History of English Law		370
Public International Law		371-2, 405
Conflict of Laws		374, 406
Conveyancing		419
Succession, Testate and Intestate	375, 407	
Mercantile Law	376, 408	
Industrial Law	377, 409	
Law of Domestic Relations	378, 410	

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 195-196).

4. Degree of Bachelor of Arts

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

Applicants for admission to the B.A. Honours course must have satisfied the minimum entrance requirements of the University of London and must also have satisfied the special requirements for admission to the Faculty of Arts. This means that in obtaining their qualifications they must have passed at Ordinary or Advanced Level at the General Certificate of Education Examination in two languages other than English, of which one at least must be a classical language. Applications for admission from graduates of approved universities will be considered on their merits.

The approved course of study for the degree extends over three academic years.

B.A. HONOURS IN ANTHROPOLOGY

The Examination will consist of eight papers, as follows:—

	Reference Nos. of Courses.
1. General Principles of Cultural and Social Anthropology	640-2, 645-6, 648-9, 655, 830, 832, 832(A), 854
2. Economic and Political Systems	
3. Moral and Ritual Systems	
4. Ethnography of a Special Area	650-2
5. The Evolution of Man	658-660 and by intercollegiate arrangement
6. Racial Variation among Living Peoples	
7. Archæological Study of the Development of Culture	
8. <i>ONE of the following options:—</i>	
General Linguistics	
Technology	
The Prehistoric Archæology of a Special Area	
Applied Anthropology (including Race Relations) Development of Social Anthropology (with special reference to Selected Texts)	
Human Genetics	
The Theory and Technique of Archæology	

together with a practical examination of two three-hour periods with reference to the papers on the Evolution of Man, Racial Variation among Living Peoples, and the Archæological Study of the Development of Culture and that on Technology, if taken as an option.

B.A. HONOURS IN GEOGRAPHY

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	207-10, 215
2. Human Geography	213-4, 219
3. Map Work	211-2, 218
4. The British Isles	216
5. Europe	217, 231
6. The Advanced regional geography of <i>one</i> of the following:—	
(i) Africa	203
(ii) Australia, New Zealand and Oceania	—
(iii) Latin America	—
(iv) Monsoon Asia	202
(v) North America	201
(vi) U.S.S.R.	—
7 and 8. <i>Two</i> papers to be chosen from the following optional subjects:—	
(i) Mathematical Geography and Surveying	232
(ii) Geomorphology	221, 233
(iii) Meteorology and Climatology	223, 234
(iv) Plant Geography	224, 235
(v) Economic Geography	225, 236-7
(vi) Historical Geography	239
(vii) History of Geographical Science and Discovery	240
(viii) Political Geography	241
(ix) Geography of Settlement	229, 242-3
(x) Applied Geography	244
9. <i>Either</i> an additional paper chosen from the list of optional subjects under 7 and 8 <i>or</i> an independent geographical study of an approved topic to be presented in a form not exceeding 5,000 words in length	

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.

In addition, an examination in a subsidiary subject must be taken at the end of the second year.

B.A. HONOURS IN HISTORY (MEDIÆVAL AND MODERN)

The subjects for examination and the appropriate courses are shown in the following table:—

Subject.	No. of Papers.	Reference Nos. of Courses.
1. English History down to the end of the 14th century	1	273, 325-6, 838
2. English History from the beginning of the 15th century to the middle of the 18th century	1	327, 329
3. English History from the middle of the 18th century	1	330-1

Subject.	No. of Papers.	Reference Nos. of Courses.
4 and 5. Two of the following papers:—		
(a) European History from 400 to 1200	1	333
(b) European History from 1200 to 1500	1	332-3
(c) European History from 1500 to 1800	1	334
(d) European History from 1800	1	335
6. History of Political Ideas	1	336-7
7. An Optional Subject	1	262-4, 291-7, 336, 338-9, 340-3, and others by inter-collegiate arrangements.
8. } A Special Subject	2	344-6 and others by intercollegiate arrangements.
and 9. }		
10. Passages for translation into English	1	

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; English Constitutional History; and Diplomatic History, 1814-1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464-1530; the Economy of England in the Fifteenth Century; and the Eastern Question, 1875-1881.

B.A. HONOURS IN PHILOSOPHY AND ECONOMICS

The Examination will consist of nine papers, as follows:—

	Reference Nos. of Courses.
1. Modern Philosophy from Bacon and Descartes to Kant	490-1, 498
2. Epistemology and Metaphysics	489, 493, 493(A), 495-6
3. Logic and Methodology	485-6(A), 488, 488(A)
4. Ethics	492
5. Economic Theory	9, 11, 13, 25, 28, 102
6. Applied Economics	45-50, 940
7. History of Economic Thought	10, 27
8. Modern Economic History, c. 1850-1939	260
9. <i>Either</i> (a) an Essay	—
or (b) The Philosophy of the Social Sciences with special reference to Economics	494

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

B.A. HONOURS IN SOCIOLOGY

Students who have obtained the B.Sc. (Econ.) degree with Sociology as the special subject in Part II will not be permitted to proceed to the B.A. Honours degree in Sociology.

B.A. HONOURS IN SOCIOLOGY

Students registering in and after October 1963 will be required to take the revised regulations as set out below:—

Revised Regulations

The examination will consist of ten written papers on one of the following two options:—

OPTION A

1. Theories and Methods of Sociology
2. Statistical Methods in Social Investigation
3. Comparative Social Institutions
4. Ethics and Social Philosophy
5. Social Psychology
6. Economics
7. } Either (a) Social Structure of Modern Britain (2 papers)
- and } or (b) Græco-Roman Civilisation (2 papers)
8. } or (c) European Civilisation in the Middle Ages (2 papers)¹
9. }
- and } Any two of the following:—
10. } (a) Social Structure and Social Change
- (b) Social Policy and Social Administration
- (c) Comparative Morals and Religion
- (d) Criminology
- (e) Demography
- (f) Political Sociology
- (g) Industrial Sociology

OPTION B

1. Theories and Methods of Sociology
2. Comparative Social Institutions
3. Ethics and Social Philosophy
4. Economics
5. General Principles of Cultural and Social Anthropology
6. Economic and Political Systems
7. Moral and Ritual Systems
8. Ethnography of a Special Area
9. Development of Social Anthropology (with special reference to selected texts)
10. One of the following:—
- (a) Social Psychology
- (b) Demography
- (c) Statistical Methods in Social Investigation

Note:—Reference numbers of courses will be published in the timetable for this degree.

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.

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.

Option A. The Part I examination will consist of Economics, Statistical Methods of Social Investigation, and Ethics and Social Philosophy.

Option B. The Part I examination will consist of Economics, Ethics and Social Philosophy, and Statistical Methods of Social Investigation or Social Psychology or Demography.

The first examination for Part I, for both Options A and B, will be held in 1965 and the first examination for Part II, for both Options, will be in 1966.

Old Regulations

For students registered in or before October 1962, the examination will consist of nine written papers on one of the following two options:—

	Reference Nos. of Courses.
OPTION I	
1. Theories and Methods of Sociology	830, 833, 833A, 841, 857
2. Statistical Methods in Social Investigation	922, 946-7
3. Comparative Social Institutions	640, 836, 839
4. Ethics and Social Philosophy	852-4, 856
5. Social Psychology	703-7, 710-11
6. } Either (a) Social Structure of Modern Britain (2 papers)	753, 837, 843, 845
and } or (b) Græco-Roman Civilisation (2 papers)	840
7. } or (c) European Civilisation in the Middle Ages (2 papers) ¹	838, 839, 839A
8. }	
and } Any two of the following:—	
9. } (a) Social Structure and Social Change	835
(b) Social Policy and Social Administration	720-2, 724
(c) Comparative Morals and Religion	832
(d) Criminology	364, 846-50
(e) Demography	682, 683
OPTION II	
1. Theories and Methods of Sociology	830, 833, 833A, 841, 857
2. Comparative Social Institutions	640, 836, 839
3. Ethics and Social Philosophy	852-4, 856
4. General Principles of Cultural and Social Anthropology	640-2, 645-6,
5. Economic and Political Systems	648-9, 658-60,
6. Moral and Ritual Systems	832
7. Ethnography of a Special Area	650-2
8. Development of Social Anthropology (with special reference to selected texts)	641, 648
9. One of the following:—	
(a) Social Psychology	703-7, 710-11
(b) Demography	682, 683
(c) Statistical Methods in Social Investigation	922, 946-7

In addition to the above, candidates will be required to pass an examination at the end of the second year in a subsidiary subject, Economics. A candidate who fails in the subsidiary subject may be

¹ Some other society or group of societies may be offered as an alternative for papers 6 and 7 with the permission of the University.

referred in that subject and permitted to re-enter for it on any subsequent occasion.

Students must be prepared to carry out some vacation work of a practical nature.

For the Old Regulations the last final examination will be held in 1965. Economics will be taken as a Subsidiary Subject to the B.A. Honours Degree in Sociology for the last time in 1964.

5. Degree of Bachelor of Science (Sociology)

This degree is identical except in title with the B.A. Honours in Sociology described above, but since it is awarded in the Faculty of Economics, the entry qualifications are the same as for the B.Sc. (Econ.) degree; i.e. there is no language requirement.

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

ACCOUNTING

The attention of students is directed to the pamphlet on "The Universities and the Accountancy Profession" which has been prepared on behalf of the Joint Standing Committee of the Universities and the Accountancy Profession and which sets out a scheme of studies of special interest to accountancy students.

The scheme (which is voluntary and is not a condition precedent to entry to the profession) provides a means whereby it is possible to obtain within a period of $5\frac{3}{4}$ years both a university degree and a professional qualification. The course of study proposed, while affording the universities the medium for giving the student a liberal education and an intellectual discipline, is also intended to enable the student to understand the principles underlying his profession and to derive greater profit from his actual experience in the office.

The course in the University of London which students wishing to train for Accountancy would take is the day course for the B.Sc. (Econ.), with the special subject of Accounting, which is a three-year course of study. Students who have obtained this degree as full-time students, at their first attempt, may obtain exemption from the intermediate examination of the professional associations. Further information as to the structure of the degree may be found on pages 177 and 181-2.

The attention of students is also drawn to the fact that the holder of any first degree wishing to enter the Accountancy profession after graduation will have his period of articles reduced from five to three years.

Experience has shown that foreign students often have great difficulty in obtaining articles with a firm of professional accountants in Britain. Such students are therefore advised not to plan to take a British accounting qualification unless they have already obtained an offer of articles from a suitable firm.

Institute of Cost and Works Accountants

B.Sc. (Econ.) graduates with the special subject of Accounting are entitled to exemption from the whole of the Intermediate Part I examination of the Institute of Cost and Works Accountants. If they have offered Business Administration for Paper 2 in Part II of the B.Sc. (Econ.) final examination, they may also claim exemption from Management—Factory and Distribution in Part A of the I.C.W.A. final examination.

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to exemption from the following three subjects of the Intermediate examination:—

Industrial Evolution and Management
Economic Aspects of Industry and Trade
Commercial Practice, Office Management and Business Methods

B.Sc. (Econ.) graduates who have offered Industry and Trade in Part II of the final examination are entitled to exemption from Management—Factory and Distribution in Part A of the final examination.

LAW

The Bar

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

- (a) from Constitutional Law on passing in the papers in Constitutional Law and the English Legal System at the Intermediate LL.B. examination;
- (b) from the Law of Contract and Tort on obtaining at least Second Class Honours standard in the Elements of Contract in the Intermediate examination and in Tort in Part I of the LL.B. Final examination;
- (c) from the Law of Real Property on obtaining at least Second Class Honours standard in this subject in Part I;
- (d) from Criminal Law on obtaining at least Second Class Honours standard in this subject in Part I.

Alternatively, graduates with Second Class Honours in the LL.B. degree examination may apply for exemption from the papers (c) and (d) above provided they have taken these subjects at the LL.B. examination.

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.

It is also possible for graduates, who are wholly exempt from Part I of the Law Society's qualifying examination, to take Part II of the qualifying examination before entering into articles, in which event the period of articles is reduced to two years. Any first degree of the University of London entitles the holder to this reduction.

In most cases, Law graduates will qualify for exemption from all of Part I of the qualifying examination.

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

REGULATIONS FOR ACADEMIC DIPLOMAS

The University of London grants the following diplomas, for which the School arranges full-time courses of study:—

- (1) The Academic Postgraduate Diploma in Anthropology.
- (2) The Academic Postgraduate Diploma in Law.
- (3) The Academic Postgraduate Diploma in Psychology.
- (4) The Academic Postgraduate Diploma in Public Administration.
- (5) The Academic Postgraduate Diploma in Statistics.

All diploma students are required to register as internal students of the University.

Except for certain exemptions, students are required to attend a course of study, approved for the purpose by the University, and normally extending over a period of two years for the Diplomas in Anthropology, Public Administration and Statistics, and one year for the Diplomas in Law and Psychology. Where courses of lectures are not provided at the School, they are arranged at other colleges of the University under intercollegiate arrangements.

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.

1. The Academic Postgraduate Diploma in Anthropology

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.

In the case of the following classes of candidates, who must be otherwise qualified to be registered as candidates for the Diploma:—

- (i) Senior Civil Servants who have spent at least two years in service overseas (e.g. working under engagements or agreements with

the Governments of the Dominions, Government of India, Crown Colonies, Protectorates, or Mandated Territories) or Civil Servants of equivalent standing of other countries;

- (ii) at the discretion of the University on report by the Board of Studies in Anthropology, persons who have spent at least two years overseas holding positions which afforded them facilities for anthropological studies in the field;

the student will be required to attend an approved course of instruction at a School of the University during a substantial portion of three academic terms, which terms need not necessarily be consecutive. Otherwise the course of study extends over two sessions.

Candidates are required to take the following:—

1. One general paper designed to test the student's knowledge of the scope and methods of the main branches of Anthropology. Questions will be set on the following:—

- (a) Archæology (Pre-history of the Old World);
- (b) Physical Anthropology (Racial criteria and types);
- (c) Technology;
- (d) Social Anthropology;
- (e) Linguistics (Social Aspects).

Candidates will be required to select questions from at least four of these sections. Those offering alternative 2 A (Social Anthropology) will be required to select from sections (a), (b), (c) or (e); those offering alternative 2 B (Physical Anthropology) will be required to select from sections (a), (c), (d) or (e).

Candidates who can show evidence of having received adequate previous academic training in various branches of Anthropology, may in exceptional cases be exempted from the General Paper. Such exemption may be granted by the University but not until the student has been registered for the Diploma for at least three terms.

2. Four special papers on either of the following branches of Anthropology:—

A. Social Anthropology (4 papers):—

- (i) Social Structure (including kinship, local, political and economic organisation).
- (ii) Religion and Magic, Education, Law.
- (iii) Ethnography of a Selected Region (selection of the region to be approved by the University).
- (iv) One of the following:—
 - (a) Technology;
 - (b) Elementary Linguistics (including phonetic notation and the structure of language);
 - (c) Applied Anthropology.

Original work in the form of a thesis may be submitted by any candidate, and if such work be approved by the University the candidate may be exempted from either one or both of papers (iii) and (iv). The subject of the original work must be submitted to the University for approval before 15 March.

B. Physical Anthropology (4 papers):—

- (i) Comparative survey of the Primates, human palæontology;
- (ii) Anatomical, physiological and genetic variations in man;
- (iii) Racial classification of modern man, anthropometric methods;
- (iv) One of the following:—
 - (a) Primitive Psychology (including mental measurements, intelligence and aptitude tests);
 - (b) Pre-historic Archæology;
 - (c) Racial theories and problems.

Original work in the form of a thesis may be submitted by any candidate, and if such work be approved by the University the candidate may be exempted from either one or both of papers (iii) and (iv). The subject of the original work must be submitted to the candidate's supervisor by 1 January.

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.

A student may either enter for the whole examination at the end of his two year's course, or, with the permission of his teachers, he may enter for the examination in the general paper (1) at the end of his first year, and (provided he satisfies the examiners in this paper) for examination in the special papers, or thesis, at the end of his second year.

A student who fails to pass in the general paper (1), taken at the end of his first year, may take this subject again, together with the other papers under 2 A or 2 B, or a thesis, respectively at the end of the second year.

The examination is held once a year in June. Any original work must be submitted not later than 15 May.

The following courses are provided for the diploma at the School: 640-9, 650-5, 658-61, 830, 832, 854.

2. The Academic Postgraduate Diploma in Law

The course of study for the Diploma is open to graduates of this or another approved University whose undergraduate courses and/or previous experience have included an approved preliminary training in Law.

Before admission to the course a student must submit, for approval by the University, evidence of his qualifications.

Students are required to attend a course of study approved for the purpose by the University extending over not less than one session.

The course of study must, unless special exemption be obtained, be continuously pursued. Any interruption in a student's attendance, through illness or other exceptional circumstances, must be notified by the authorities of his College or School at the earliest opportunity to the Academic Registrar.

Each student before being admitted to the Examination will be required to produce a certificate signed by the Head of the College at which he is registered that he has satisfactorily pursued the prescribed course of training.

A candidate may obtain the Academic Postgraduate Diploma in Law, either (1) By passing at one and the same examination in *three* subjects, one selected from each of the Groups below:—

- I. English Legal Method, or, with the permission of the University, one of the subjects for the time being which can be offered for the Master of Laws Examination.
- II. *One* of the following:—
 - (a) General Principles of the Law of Contract and Tort.
 - (b) General Principles of Equity.
 - (c) Elements of British Public Law
- III. *One* of the following:—
 - (a) General Principles of the Law of Contract and Tort.
 - (b) General Principles of Equity.
 - (c) Elements of British Public Law
 - (d) Conflict of Laws.
 - (e) Comparative Law.
 - (f) Muhammadan Law.
 - (g) Hindu Law.
 - (h) Elements of International Economic Law.
 - (i) Law of International Institutions.
 - (j) Shipping Law.

No candidate shall be entitled to select a subject from Group III which he has also selected from Group II.

No candidate shall be entitled to take the Examination in Shipping Law unless he also takes the Examination in General Principles of the Law of Contract and Tort.

In each subject the Examination shall consist of one three-hour paper. The Examiners may, in addition, if they see fit, examine any candidate orally.

or (2) By submitting a Dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing examination.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words, not later than 1 September.

Every student entering for this Examination must apply, through the Graduate Office, for an entry form which must be returned duly filled

in with the certificate of course of study thereon attested in accordance with the Regulations, together with the proper fee, not later than 1 June.

The fee is £15 for each entry.

The examination is held once in each year beginning on the first Monday in September.

3. The Academic Postgraduate Diploma in Psychology

The School offers courses of instruction leading to the examination in one of the four sections of the diploma.

SECTION A, SOCIAL PSYCHOLOGY

The object of the diploma course is to afford facilities for instruction in the theory and practice of certain branches of applied psychology to suitable students who are intending to take up practical work in certain specific fields.

The course of study, which extends normally over one session, is open to:—

- (a) Students who have obtained a B.A. Honours or B.Sc. (Special) degree in Psychology in this University, or a joint Honours degree in Psychology and Philosophy in this University, or an equivalent degree in an approved University.
- (b) Students who have graduated in some other subject or subjects in this or another approved University, provided they have passed the qualifying examination in Psychology set by the University of London.

The subjects of the course are:—

1. Experimental and other methods of scientific enquiry in the laboratory and in the field.
2. The Psychology of Social Behaviour.
3. Concepts and methods of Sociology and Social Anthropology.

Candidates are required to take four papers of three hours each, three on sections (1) and (2), and one on section (3). Candidates must also present a dissertation on an approved subject and must carry out practical work during the course. Reports of this practical work must be submitted to the Academic Registrar not later than 15 June.

The examination for the diploma will take place once in each year, beginning on the first Monday in June. Every student entering for

this examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with a Certificate of Course of Study to the University by 15 April.

The fee is £15 for each entry.

4. The Academic Postgraduate Diploma in Public Administration

This is a graduate diploma open to candidates who already hold a degree of an approved university or a professional qualification of comparable value. It involves the study of the principles and methods of public administration, of political theory and of economic and social problems. The purpose of the course is to make available the results of recent thought and experience relating to political, social and economic organisation and so to equip the student with an understanding both of methods of public administration and of the factors which underlie modern government.

The course of study for the diploma extends over two sessions and is open to persons who:—

- either (a) hold a degree in this or another approved University
or (b) hold a technical or professional qualification approved by the University.

The subjects of the course are:—

	Reference Nos. of Courses.
Public Administration (two papers)	560, 569-71
and <i>three</i> of the following (one paper each):—	
Economics, with special reference to Public Finance	8, 26, 47, 56-7
Social and Political Theory	587
Statistics	920, 940, 946, 947
Social Structure	833, 836
Constitutional and Administrative Law	369, 392

In addition each candidate will be required to submit an essay on an approved subject relating to Public Administration.

The examination consists of two three-hour papers in Public Administration and one three-hour paper in each of the three optional subjects chosen. In addition the candidate will also be required to submit an essay of approximately 5,000 to 10,000 words.

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

The examination is in two parts and candidates may either present themselves for Part I, consisting of Public Administration and one other subject, after not less than one year's course of study, or for the whole examination on one and the same occasion after not less than two years' course of study. A candidate who has passed Part I must pass Part II within not more than three years from the date of completing Part I.

Candidates will not be approved unless they have shown a competent knowledge in each of the four subjects and have satisfied the examiners in the essay. A candidate who enters for both parts of the examination at the same time and who fails to satisfy the examiners in one subject only may, on the recommendation of the examiners, be referred in that subject and be permitted to re-enter for examination in that subject alone, within not more than three years.

A candidate who enters for both parts of the examination at the same time and satisfies the examiners in Public Administration and one other subject may, on the recommendation of the examiners, be credited with those subjects as Part I of the examination; if he satisfies the examiners in two subjects other than Public Administration, he may be credited with those subjects as Part II of the examination. Such candidates must complete the examination within not more than three years.

The examination for the Academic Postgraduate Diploma in Public Administration will take place once each year beginning on the fourth Monday in June.

Every student entering for the whole or part of this examination must submit his entry form to the University not later than 15 April.

5. The Academic Postgraduate Diploma in Statistics

The diploma presents an opportunity to acquire a specialised qualification in Statistics to graduates with mathematical training who perhaps have not taken a first degree in Statistics. It is expected that a full-time student at the School would normally require two sessions to complete the necessary course of study for the diploma.

Lecture courses suitable for the diploma student are given at Birkbeck College, Imperial College and University College, as well as at the School itself, and the Calendars of these colleges should be consulted for details.

The course of study for the diploma is open to:—

- (a) Graduates of this University who possess one or more of the following qualifications:—
- (i) B.A. Honours degree with First or Second Class Honours in Mathematics;

- (ii) B.Sc. (Special) degree with First or Second Class Honours in Mathematics;
 - (iii) B.Sc. (General) degree with First or Second Class Honours including the subjects *Mathematics (Pure and Applied)* or *Pure Mathematics and Statistics*;
 - (iv) B.Sc. (Eng.) degree with First or Second Class Honours provided that a satisfactory standard is achieved in Mathematics;
 - (v) B.Sc. (Econ.) degree with First or Second Class Honours, with Mathematics at Part I.
- (b) Graduates of this and other Universities with qualifications which are approved by the University.
- (c) Other persons with qualifications which are deemed by the University to be equivalent.

The subjects of the courses are as follows:—

- (a) Statistical Analysis and Probability;
- (b) Advanced Statistical Theory;
- (c) Practical Applications of Statistical Theory to Observational Data.

The examination will consist of:—

Part I

- (i) Two papers (1 and 2) on Probability Theory and Statistical Theory and Methodology, to test basic theory and standard methods of analysis. Each paper will be of three hours' duration.
- (ii) A practical examination of not more than seven hours' duration in the application of Statistical Theory and Methodology to Observational and Experimental Data.

Candidates are advised to make themselves familiar with calculating-machines provided in the practical examination.

Part II

- Either* Two papers (3 and 4) each of three hours' duration, of a more advanced or specialised character.
- Or* Paper 3 and an Essay.

Details of the subjects which may be offered for Papers 3 and 4 in Part II are set out in the *Regulations for Academic Diplomas* which is published by the University of London.

Every student entering for this examination must apply to the Academic Registrar for an entry form which must be returned to the University, duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study, together with the proper fee, not later than 20 March.

The written and practical examinations will take place once in each year beginning on the third Monday in June. Essays may be submitted in the September subsequent to the completion of the course or in the following September.

The examination will normally be held at the School or Institution where the candidate has followed the course. For the practical examination candidates are permitted to bring any book or books they wish, including their own note-books.

Candidates must also produce satisfactory evidence in the form of practical note-books of their course work on the application of statistical theory applied to numerical problems, the whole being carried out on a systematic basis.

A student who takes both Parts of the examination on the same occasion and who passes Part I but fails Part II will be credited with Part I and may re-enter for Part II on a subsequent occasion; if he passes Part II but fails Part I he will not be credited with his result at Part II and will be required to re-enter for both Parts of the examination. A student who enters for Part I alone will not be permitted to enter for Part II until he has successfully completed Part I.

REGULATIONS FOR DIPLOMAS AND CERTIFICATE AWARDED BY THE SCHOOL

The School awards the following diplomas and certificate:—

- (1) Diploma in Economic and Social Administration.
- (2) Diploma in Operational Research.
- (3) Diploma in Social Administration—
 - (a) One-year Course for Graduates.
 - (b) Two-year Course for Non-Graduates.
- (4) Diploma in Personnel Management.
- (5) Diploma in Applied Social Studies.
- (6) Diploma for Workers in Mental Health.
- (7) Certificate in International Studies.

Candidates for any of these diplomas and the certificate 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.

I. Diploma in Economic and Social Administration

The London School of Economics and Political Science, with the aid of funds provided by the Ford Foundation, offers a course in Economic and Social Administration which has special reference to the needs of the "under-developed" 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 relating to economic, political and social 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. Part of the Ford Foundation funds have been used to enable members of the academic staff to visit such areas, and use is made of their special knowledge and experience in seminars. Opportunity may also 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. There are three main branches of teaching, namely economics, government and social administration with opportunities for specialisation within each. The course is open both to candidates who have had previous training in these subjects and to those who have not.

Students with suitable academic and administrative backgrounds will be allowed to study two *instead* of three subjects, and to specialise in addition in some suitable field of inquiry to be selected in consultation with the tutors to the course. Those who satisfy the examiners will be awarded a Diploma by the School. Students whose earlier studies have been appropriate may be allowed to proceed after the Diploma examination to a further course of study for a higher degree.

Subjects will be studied 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 pp. 285-287 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 30 April.

REGULATIONS

(These regulations are under review)

1. There shall be a Diploma in Economic and 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.
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) 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.

In addition persons seeking admission to the course will normally be required to have had about two years' experience of administrative work. This requirement may be waived at the discretion of the Tutors to the course.

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

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year (on dates to be determined by the Tutors to the course). The examination shall comprise the following papers:—

- (1) Economic Analysis and Policy.
- (2) Theory and Practice of Government.
- (3) Social Structure and Policy.

Provided that:—

- (a) in appropriate cases, candidates may be permitted to be examined in two of these papers only, and to substitute for the third paper a dissertation on a special subject, to be chosen by the candidate in consultation with his tutor;
- (b) in very exceptional circumstances, a candidate may be permitted to offer only one paper, together with two dissertations in subjects chosen by the candidate in consultation with his tutor.

5. The examiners may test any candidate by means of oral questions.

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 papers (or, where this applies, in one paper and one dissertation), and the examiners do not consider his failure in the third paper (or dissertation) to be serious, they may, at their discretion, award him the Diploma.

The examiners will normally condone failure in one paper only if the candidate has presented work of high merit in some other paper or dissertation.

8. In determining the results of the Diploma, regard will be paid to the quality of the regular written work (including essays and pieces of research) which have been done by a candidate in the course of the academic year; this will be done on a basis to be determined by the examiners.

9. A candidate who fails to secure the award of the Diploma, but who has attended regularly throughout the duration of the course and has done a reasonable amount of work as prescribed by the tutors, shall be entitled to request a certificate of attendance from the School which shall also specify which (if any) subjects were successfully passed by the candidate.

10. 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.

11. 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. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

12. Candidates of exceptional merit may receive the award of the Diploma with Distinction.

An examination will be held at the end of the Course, in which students will be examined in the three basic subjects or (where appropriate) in two of these subjects together with the chosen field of specialisation. Normally students who specialise in a particular subject will be expected to produce a dissertation or long essay in place of a third examination paper.

2. Diploma in Operational Research

The London School of Economics and Political Science offers to a limited number of selected students a two-year course of training in Operational Research and cognate techniques used in the conduct of business and public affairs. It will normally consist of a full-time course of instruction at the School extending over one academic year, together

with a further year spent in practical work. In exceptional cases, a student who is considered on entry to the course to have suitable practical experience may be exempted from the year of practical work.

Each student will be required to take a written examination and to write a report on a specific piece of practical work which he has carried out.

Students who complete the course satisfactorily and satisfy the examiners will be eligible for the award of the School's Diploma in Operational Research. A mark of distinction may be awarded to students of exceptional merit.

The course is open to men and women who hold a university degree in any subject, but a knowledge of Mathematics, Statistics and Economics to the level of the Part I examination of the B.Sc. (Econ.) degree 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.

The fee for the two-year course is £200 payable in advance. No separate registration or examination fees will be charged.

Applications should be made on the appropriate application form and sent to the Registrar so as to reach him as early as possible and, in any case, not later than 1 May. A pamphlet containing further information about the syllabus of the examination can be obtained from the Registrar.

REGULATIONS

1. There shall be a Diploma in Operational Research, which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma and have completed practical work and submitted a written report thereon as prescribed in these Regulations to the satisfaction of the Director of the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless:—

either (i) he shall hold a university degree;
or (ii) he shall hold an approved full practising professional qualification obtained by examination.

3. The prescribed course of study shall be of two academic years' duration. During one year, students will attend a course of academic instruction at the School. During the other, they will work in such industrial or other organisations as may be approved by the Director for the purpose. In exceptional cases the Director may exempt from the latter year of the course of study any candidate who, in his opinion, already has suitable practical experience.

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 Director. The examination shall comprise six papers as follows:—

- (i) Statistics.
- (ii) Stochastic Processes.
- (iii) Mathematical Programming.
- (iv) Planning and Control of Production and Inventories.
- (v) A group of subjects comprising:—
 - (a) Scientific Method.
 - (b) Industrial Psychology.
 - (c) Survey of Operational Research.
- (vi) A group of subjects comprising:—
 - (a) Industrial Economics.
 - (b) Management Accounting.
 - (c) Data Processing.

A candidate shall also be required to submit a written report on the practical work that he has undertaken. It must contain evidence to the satisfaction of the examiners that the candidate in the course of his practical work (or, if the candidate has been exempted by the Director from the year's practical work, in the course of acquiring the experience in virtue of which he was so exempted)

- (a) has gained suitable experience of day-to-day Operational Research work;
- (b) has initiated and carried out some independent Operational Research studies.

The report may be submitted at the time of the written examination, or not later than three calendar years after the last day thereof.

A candidate may present himself for examination either in the first or in the second year of his course.

5. The examiners may test any candidate by means of oral questions.

6. A mark of distinction shall be awarded to candidates who show exceptional merit.

7. The examination shall be conducted by such members of the staff of the London School of Economics and Political Science as may be designated as internal examiners in each year by the Director, together with one or more external examiners. An external examiner shall be a person appointed by the Academic Board who, at the time of the examination, is not a member of the staff of the School. He shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

8. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of five papers and the examiners do not consider his failure in the sixth to be serious they may, at their discretion, declare him to be referred in that paper.

9. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, 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.

10. 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.

11. 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. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

3. 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 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.

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 of training for the diploma for graduate students occupies one session. 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.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Social Policy and Administration	1	570, 720-3, 727(a), 727(b), 728, 730
The Economic and Social Background to Social Policy and Administration	1	724
Psychology and Social Structure	1	700-2, 729, 833, 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 Diploma in Social Administration for graduate students must be graduates of a British university. They are exempt from the entrance examination but they may be called for an interview. Application forms can be obtained from the department of Social Science and Administration and should be completed and returned by 31 January preceding the session in which admission is desired, but applications will be considered up to 1 March if vacancies are available. Interviews are given in the Christmas vacation, however, for candidates who apply by the middle of November, and these candidates are informed of the results of their applications during January.

STUDENTS FROM OVERSEAS

Alternative lectures and classes are provided for graduates from overseas, who must have had practical experience or hold other qualifications which are of special relevance to the course. Field work will be the same as for British students, but it will be adapted to the students' individual needs. Applications for this course must be received by 31 January from candidates overseas, or by 1 March from candidates in the United Kingdom.

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 head of the department of Social Science and Administration, hereinafter referred to as the head 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.

9. The examiners may test any candidate by means of oral questions.

10. 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.

11. A candidate who completes the course of study for the diploma but for reasons which, in the opinion of the head of the department, are sufficient, fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. Each candidate for the diploma shall be required to submit to the head 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 head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

Diploma for Non-Graduate Students

The full-time course of training for the diploma for non-graduate students occupies two sessions. Students are required to undertake a minimum of sixteen weeks' full-time field work, and this is done during the vacations.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Elements of Social Analysis	1	833, 843, 846, 849, 854, 947
Social Policy and Administration	1	570, 720-4, 727-30,
Psychology	1	700-2
Social Economics	1	8, 48, 58

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 immediately preceding the opening of the session for which they seek admission, and they must have completed a period of employment of approximately one year between leaving school and the date at which they wish to enter the department of Social Science and Administration. 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 an interview. If necessary arrangements can be made for the examination and the interview to take place overseas. Application forms can be obtained from the Department of Social Science and Administration and should be completed and returned by 31 January preceding the session in which admission is desired.

STUDENTS FROM OVERSEAS

Alternative lectures and classes are provided, within the course for the two-year diploma, for students from overseas. While the subjects for examination are the same as above, the teaching of Economics and Social Administration will be focused on conditions in their own countries. The length of field work will be the same as for British students, but it will be adapted to the students' individual needs.

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 head of the department of Social Science and Administration (hereinafter in these Regulations referred to as the head 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 head 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.

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. 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.

11. A candidate who fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

12. Each candidate for the diploma shall be required to submit to the head 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 head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

4. Diploma in Personnel Management

The School offers a one-year course of study for full-time day students intending to seek employment as Personnel Officers. Candidates should either have a degree or a Social Science certificate, or should have had exceptional industrial or commercial experience. Those without a degree or certificate should be at least 24 years of age. All candidates must satisfy the selection committee that they have the necessary educational background to profit from the course, and are personally suited to the work of personnel management. Oversea candidates must have had two years' relevant industrial experience. Selection of applicants without a degree or Social Science certificate is by means of an interview and an entrance examination, for which there is an examination fee of £1. Graduates and applicants with a Social Science certificate are selected by interview only. All candidates from overseas are required to take the entrance examination and, if necessary, arrangements can be made for the examination and the interview to take place in their own countries. The closing date for applications for candidates who are overseas is 1 January, 1 March for oversea candidates who are in the United Kingdom and 1 June for United Kingdom candidates. If vacancies are available, however, applications will be considered up to 1 July from applicants who are exempt from the entrance examination.

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. An examination is held in the third term, and a diploma is awarded as evidence of satisfactory completion of the course.

Application forms and further particulars can be obtained from the Social Science Department, 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 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 head of the department of Social Science and Administration). The examination shall comprise the following papers:—

- Part I: 1. The Economics and Organisation of Business Enterprise.
2. Industrial Relations and Industrial Law.
3. Industrial Psychology and Sociology.
4. Principles and Practice of Personnel Management.

Part II: An oral examination based on the report of an investigation undertaken by students during the year.

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director together with one or more external examiners. For the oral examination, an external examiner shall be appointed who, in addition to the appropriate academic qualifications, holds or has 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. 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.

9. A candidate who completes the course of study for the Diploma but for reasons which, in the opinion of the head 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.

5. Diploma in Applied Social Studies

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

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

Field work teaching undertaken in various social agencies forms an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course. The students normally have two field work placements of substantial duration. The second of these is in the field in which they intend to work after qualifying. The course is run in co-operation with the Institute of Almoners, 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 grant-aid in the normal way. Medical social work students who are not grant-aided 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, as well as in casework as such. 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, grant-aid may be available from local education authorities for such candidates.

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 "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 head 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 head of the department of Social Science and Administration, hereinafter referred to as the head of the department. The examination shall comprise the following papers:—

1. Human Behaviour and Casework
2. Social Administration and Casework.

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 head 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 one of the two 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. 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.

11. A candidate whose field work has reached the required standard and who completes the course of study for the Diploma but for reasons which, in the opinion of the head of the department, are sufficient fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 8 shall apply to him.

6. Diploma 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 case work for patients and their relatives attending the various practical 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.

Maintenance grants are available for students and enquiries about these should be addressed to the School.

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 head of the department of Social Science and Administration, hereinafter referred to as the head 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 head of the department. The examination shall comprise the following papers:—

1. Mental Disorder.
2. Mental Health in Childhood and Adolescence.
3. Casework and Administration.
4. Current Psychological 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 head 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 each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him to be referred in that paper.

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, 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. 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.

11. A candidate whose field work has reached the required standard and who completes the course of study for the Diploma but for reasons which, in the opinion of the head 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.

7. Certificate in International Studies

A certificate is awarded to students of relatively advanced standing who wish to devote the whole of their time to subjects within the general field of international relations.

Applicants for admission to the course, which is of two academic years' duration, should normally be University graduates but other candidates with suitable backgrounds will be considered. Candidates whose mother-tongue is not English may be required to give proof, if necessary by written examination, of an adequate knowledge of the language.

Persons admitted to this course, besides attending lectures and participating in seminars, receive regular individual tuition. Students who by the end of the first year are not considered to have made satisfactory progress, may be required not to proceed further with the course.

Further particulars may be obtained from the Registrar.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
I. Prescribed Subjects.		
Diplomatic History, 1815-1939	1	292-7, 309
International Relations (General)	1	502-3, 510-11, 514-8, 520, 522
International Institutions	1	507-9
General Economics; and the Economic Factor in International Affairs	1	8, 510, 510(A)
International Law	1	371

Subject.	No. of Papers.	Reference Nos. of Courses.
II. Optional Subjects.		
<i>One subject from among the following:—</i> I		
(i) English Political and Constitutional History since 1660		564
(ii) British Public Administration		560, 566-7
(iii) Elements of English Law		360, 381-2
(iv) Maritime Law and The Law of Marine Insurance		—
(v) The Geographical Factor in International Relations		517
(vi) The Commercial Development of the Great Powers		260
(vii) Comparative Constitutions and Comparative Government		566, 574-5, 580-1
(viii) The Technique and Procedure of Diplomacy ..		508
(ix) Colonial Government and Administration ..		—
(x) The External Affairs of the Countries of the Commonwealth		—

THE GRADUATE SCHOOL AND REGULATIONS FOR HIGHER DEGREES

A major division of the School activities is constituted by the Graduate School. Unique facilities for graduate studies are provided by the close proximity of the London School of Economics to the centres of government, business and law, and by its ease of access to the British Museum and the 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.

Nearly 1,000 students were registered in the Graduate School in session 1962-63. Special provision is made for them by way of attachment for individual supervision to appropriate teachers of the School, by advanced lectures, graduate seminars, individual library facilities and a Research Common Room.

The majority of the graduate students working at the School are registered for higher degrees of London University, but the School admits qualified applicants to do research under supervision for a stated period without working for a degree. This category includes students wishing to work in London as part of their course of study for a higher degree of other universities. But a substantial number of members of universities all over the world, who come to London on sabbatical leave, or as holders of research grants or scholarships, are admitted to the School in this category. They are thus able to attend lectures and seminars, use the special library facilities for graduates, meet teachers in their field of interest for discussion of their research, and become members of the Research Common Room. Such students are registered under the Research Fee. For fees and for tuition fees for higher degrees see the section on fees.

The appropriate lectures and seminars, even where specially reserved for graduate students, are to be found in the general lecture list in Part III of the Calendar, so far as they have been arranged in advance. Similarly, the section on the Library includes the special facilities and privileges of research students as well as those they enjoy in common with other students. (See particularly, pp. 261-265).

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.

Enquiries about admission to the Graduate School by post should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Office of the Graduate School. All applications are considered by the Graduate School Committee who assign those who can be accepted to the appropriate member of the teaching staff for personal supervision of their research and direction of their studies. Applications from abroad for October entrance must reach the School by 1 March 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*.

Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. At the School acceptance is through the Graduate School Committee, which makes its recommendation to the University. 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* (whether internal or external) may proceed to *external* higher degrees of the University. It is 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 their examination are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

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

1. Applications for registration 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 head of the college, school or institution in explanation of the delay. Retrospective registration will be allowed in appropriate circumstances. A whole-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 whose application has been acceded to 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.

No fee is required for registration as a graduate student in the case of a graduate of this University.

The fee for registration in the case of a graduate student who is not a graduate of this University is 6 guineas, unless he has already matriculated, or obtained exemption from the Matriculation Examination of London University, when it will be 3 guineas.

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. The fee payable on entry for a qualifying examination is:—

£10 for a special examination, £5 for one paper of an existing examination, or £10 for more than one paper of an existing examination. (Where the candidate has to take a University examination he must forward an entry form by the date prescribed in the regulations for the relevant examination. Otherwise he must forward it on the date notified to him by the University.)

5. If a student fails to pass the qualifying examination prescribed in his case at his first entry therefor, he will not be permitted to proceed with his course or to enter again for the qualifying examination without the permission of the University.

6. 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.

7. If the material for the work of a student exists elsewhere, the student may under proper conditions be allowed leave of absence, if such absence does not exceed two terms out of a total of six, and provided that neither of these two terms is the first or the last of the course.

8. 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.

9. 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.

10. 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.

11. A student submitting a thesis in typescript will be required to supply, before the degree is conferred on him, 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 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 at a cost of 18s. 6d. a copy, may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.]

12. A student who fails to pass the higher degree examination will be required on re-entry for the examination 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 standard of the Ph.D. degree is definitely higher than that of the M.A. and M.Sc. degrees in the same subject.

2. A candidate for registration for the degree of Ph.D. must either:—

(a) have previously graduated in any faculty as an internal or external student in the University of London, or

(b) have obtained a degree in another University, or

(c) have passed examinations required for an approved diploma in certain approved educational institutions of university rank.

3. A candidate for the Ph.D. degree must, before registration, comply with the following requirements unless exempted therefrom in special cases:—

(i) He must produce a certificate from the governing body of a college or school of the University, or from a teacher or teachers of the University, stating that the candidate is in their opinion a fit person to undertake a course of study or research with a view to the Ph.D. degree, and that the college, school or teacher is willing to undertake the responsibility of supervising the work of the candidate, and of reporting to the Senate at the end of the course of study whether the candidate has pursued to the satisfaction of his teacher or teachers the course of study prescribed in his case. (*N.B.—Students accepted at the School as internal candidates for the Ph.D. degree should simply complete the University form sent them and return it to the Office of the Graduate School who will see to the fulfilment of this regulation.*)

(ii) He must produce through the School evidence satisfactory to the University of the standard he has already attained and of his ability to profit by the course. If the evidence first submitted is not satisfactory, the candidate may be required to undergo such examination as may be prescribed by the University, and must do so before his registration begins.

(iii) 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. Only in exceptional circumstances may exemption from this requirement be granted.

4. A candidate for the Ph.D. degree who desires to proceed instead to the Master's degree must apply through the authorities of his college, school or institution for permission to do so. The amount of the further course of study, if any, which he will be required to pursue for the Master's degree will be prescribed in each case by the University.

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 two calendar years and not more than five academic years as may be prescribed in each individual case by the Academic Council.

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 two and not more than four 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 one calendar year 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. The University will at the time of the approval of the subject of a thesis inform the candidate of the faculty within whose purview the thesis will be deemed to fall. After the subject of the thesis has been approved it may not be changed except with the permission of the University.

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 form. In the Faculty of Economics and in the Faculty of Arts (Anthropology), the thesis should be not more than 75,000 words in length, unless permission to exceed this limit has been granted by the University.

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 before he is eligible to submit his thesis for examination.

13. Every candidate must produce a certificate from the authorities of his College or 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.

A candidate registered for the Ph.D. in Laws, Economics or Engineering and Science will be required to submit three copies of his thesis. In the Faculty of Arts he is required to bring an additional copy to the oral examination.

14. The candidate is also 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.

EXAMINATIONS

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 printed 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 will in future 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 fee originally paid. 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) A student is required to register before proceeding to a Master's degree as an Internal Student.

(2) The following are eligible to apply 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 person who has obtained a degree in another University;
- (iii) A person who has obtained an approved diploma in certain approved educational institutions of University rank.

(3) A student is required, when applying for registration to submit evidence of his qualification to proceed to a Master's degree in the subject and the Faculty which he has selected.

(4) Except by special permission of the Senate, a candidate who holds a degree of London University in a subject which falls within the purview of two or more Faculties will be required to proceed to a Master's degree in the Faculty corresponding to that in which he has taken a first degree.

(5) A graduate of London University who has obtained his first degree as an Internal Student is not required to follow any approved course of study for a Master's degree unless he wishes to proceed to a Master's degree in a different Faculty from that in which he obtained his first degree.

(6) A graduate of London University who has obtained his first degree as an External Student or any person referred to in paragraphs 2 (ii) and 2 (iii) is required to follow an approved course of study in a College or School of the University.

(7) A student required to follow an approved course of study must apply for registration on the prescribed form through the Office of the

Graduate School. A student NOT required to follow an approved course must also apply for registration through the Office of the Graduate School *if* he is registered at the School.

(8) The minimum period during which a student is required to follow an approved course of study for an Internal Master's degree is two years. In the event of a student having other occupations, the University must be informed of their precise nature, and may require an extension of the normal period prescribed.

(9) 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 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.

(10) A candidate registered for the Master's degree 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.

(11) A student registered for a Master's degree and required to pursue an approved course of study must, when he applies to be examined for the degree (by completing an entry form obtainable from the Office of the Graduate School), 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.

(12) A student registered for a Master's degree, but not required to pursue an approved course of study may apply to be examined for the degree (by completing an entry form) normally not less than one year after the date of his registration.

(13) A student will not be permitted to publish his thesis *as a thesis approved for the Master's degree* without the special permission of the University.

THE DEGREE OF MASTER OF SCIENCE IN ECONOMICS (M.Sc. (Econ.))

Except as provided below, no person shall be admitted as a candidate for the degree of M.Sc. (Econ.) as an Internal Student until after the expiration of two academic years from the time of his obtaining the B.Sc. (Econ.), B.Sc. (Soc.) or B.Sc. (Estate Management) degree of London University as an Internal Student; nor, in the case of a candidate

registered under the Regulations for Postgraduate Students proceeding to a higher degree, until he has completed a course of higher study in accordance with those Regulations.

Candidates who have obtained the B.Sc. (Econ.) degree with First or Second Class (upper division) Honours or graduates of other Universities who are deemed to have similar qualifications may be admitted to the M.Sc. (Econ.) examination either (a) after the expiration of two academic years from the time of obtaining the B.Sc. (Econ.) degree or (b) after pursuing a course of study extending over not less than one academic year from the time of obtaining the B.Sc. (Econ.) degree. Candidates admitted under category (b) will be required to take the M.Sc. (Econ.) examination by four written papers and, at the discretion of the examiners, an oral examination.

Candidates who have obtained the B.Sc. (Econ.) degree with Second Class (lower division) Honours or a Pass or the B.Sc. (Soc.), B.Com. or B.Sc. (Est. Man.) degree as Internal Students, and candidates who have obtained a first degree as Internal Students in a Faculty other than Economics, will not be admitted to the M.Sc. (Econ.) examination before the expiration of two academic years from the time of obtaining their first degree. Such candidates who have submitted themselves to a qualifying examination of a standard equivalent to that of the B.Sc. (Econ.) and have reached the standard of at least Second Class (upper division) may, however, be admitted to the M.Sc. (Econ.) examination after pursuing a course of study extending over not less than one academic year. The qualifying examination must be passed before admission to the course. The candidates will be required to take the M.Sc. (Econ.) examination by four written papers and, at the discretion of the examiners, an oral examination.

Candidates who are not Internal graduates of this University must normally pursue a course of study extending over not less than two academic years.

The whole of the candidate's work for this degree is concentrated on a single general subject, which must normally be selected from the list of general subjects set out below. In special cases application may be made to offer a general subject not among those in the list, provided it lies within the field of study indicated by the classified headings and is judged commensurate in extent with the general subjects in the list.

Geography—

- The Detailed Economic Geography of an approved country or major region.
- The Geography of Agriculture.
- The Agricultural Geography of an approved country or major region.
- The Geography of Industry.
- The Industrial Geography of an approved country or major region.
- The Geography of Transport.

The Historical Geography of an approved country or major region for an approved period.
 Political Geography.
 Urban Geography.
 The Urban Geography of an approved country or major region.
 The Geography of Population.
 Applied Geography (application of Geographical methods to problems of regional planning).
 Geomorphology.
 Social Geography.

Economic History—

The economic history of England or some other approved country or region during an appropriate period.

Politics—

1. The history of political thought (an approved period).
2. Political philosophy.
3. The politics and government of the United Kingdom, or of some other approved country or Federation. (A proposal to study the politics and the economy of a specified country will be accepted in appropriate cases.)
4. The politics and government of an approved association or group of countries. (e.g. the British Commonwealth; the European Economic Community.)
5. Comparative political institutions.
6. The theory and practice of public administration.

Sociology—

Sociological Theory.
 Social Institutions (including Political Sociology).
 Comparative Study of Religion and Morals.
 Social Psychology.
 Biological Aspects of Sociology.
 Demography.
 Criminology.
 Social Philosophy.

Social Administration—

Social Administration.
 Comparative Social Administration.

Anthropology—

History of social anthropological theory.
 Anthropology of social systems.
 Anthropology of economic systems.
 Anthropology of government and law.
 Anthropology of ritual systems.
 Problems of social change.

Economics (including Banking, Commerce and Business Administration)—

The General History of Economic Thought.
 Advanced Economic Theory.
 The Theory of Output and Employment.
 Capital and Interest.
 The Economics of Population (including the history of the theory and some acquaintance with vital statistics in modern times).
 Mathematical Economics.
 International Economics.
 Public Finance.
 The Economics of Labour.

Monetary and Banking Theory (historically and comparatively treated).
 The History, Present Organisation and Problems of Money and Banking (treated comparatively).
 An Approved Period of Monetary and Banking History.
 The Organisation of Industry.
 The Economics of Industry.
 Business Administration.
 Economics and Organisation of Public Enterprise.
 Business Finance.
 Economic Problems in Agriculture.
 The Economics of Transport.
 Financial Management (including Accounting).
 Economic Growth (with particular reference to the problems of under-developed countries).
 Land Economics.
 Economic Problems of a Particular Region.
 Mathematical and Statistical Methods in Economics.

Industrial Relations—

1. Considered generally.
2. Studied comparatively or with reference to an approved country or countries.
3. Considered with special reference to economic, political and legal factors or sociological and psychological factors.
4. With special reference to management or trade unions.

Statistics—

Theoretical Statistics.
 Econometrics.
 Operational Research.
 Applied Statistics: Actuarial.
 Applied Statistics: Demographic.
 Applied Statistics: Economic.
 Applied Statistics: Industrial.
 Applied Statistics: Social.

International Relations—

International Relations, considered generally or with reference to an approved region (e.g. Europe, Latin-America, the Middle East, South Asia, Africa).
 Philosophical and/or Psychological Aspects of International Relations.
 The Foreign Policies of the Powers, considered with special reference either to the inter play of politics at the domestic and international levels or to the policies of an approved Power or grouping of Powers.
 International Institutions.
 Strategic Studies.
 The Politics of International Economic Relations.
 Sociology of International Law.
 Diplomatic Methods and Procedures.

International Law—

History of International Law.
 International Economic Law.
 The Law of International Institutions.
 The International Law of the Sea and Air.
 The Legal Regulation of International Conflicts.
 International Legislation.
 International Social Law.
 Law of European Institutions.

International History—

International diplomatic relations during an approved period.
 International economic relations during an approved period.
 Problems of international relations involving the interplay of diplomatic, economic, strategical, and other factors during an approved period.

Candidates must further select a special section of the selected general subject for more intensive study and obtain its approval from the University authorities.

At least twelve months before the date on which the candidate wishes to present himself he must submit for approval the general subject and a special section of that subject which he proposes to offer. This application must include a clearly stated syllabus of the general subject.

The University will inform the candidate whether the title and syllabus of the subject are approved in their original or in an amended form. The examination will be based on the approved subject and syllabus.

The M.Sc. (Econ.) examination will take place twice in each year commencing on the first Monday in December and on the fourth Monday in May, provided that if the fourth Monday in May be Whit-Monday the examination will commence on the following Tuesday.

No unsuccessful candidate will be permitted to re-enter within one year from the date of his first entry without the permission of the Examiners.

The examination shall consist of (a) four written papers, including an essay paper, which shall be set on the selected general subject, one of the papers to have reference to the approved section of the general subject, with the provision that (except in Geography) candidates may submit a thesis or dissertation written on the approved section in substitution for the essay paper and the paper on the approved section; and (b) an oral examination at the discretion of the examiners. Candidates in Geography must submit a thesis or dissertation in substitution for the essay paper and the paper on the approved section.

Every candidate must apply to the Office of the Graduate School for an entry-form in time for it to be completed, countersigned and sent by the candidate to the University not later than 1 February for the May examination, and not later than 15 September for the December examination, together with three copies of the approved syllabus on the subject in which he presents himself, and the proper fee.

If the candidate submits a thesis or dissertation he must furnish, not later than 1 May for the May examination, and not later than 15 November for the December examination, three type-written or printed copies thereof (*one* of which must be the typescript itself and *not* a carbon copy).

The thesis for the M.Sc. (Econ.) degree is to be not more than 40,000 words in length, unless permission to exceed this limit has been granted by the University.

Except as provided below every candidate for the degree of M.Sc. (Economics) must at each entry for the whole examination pay a fee of £21.

If the examiners consider that a candidate's thesis is adequate but that he has not reached the required standard in the written portion of the examination, they may, if they think fit, recommend that the candidate be exempted on re-entry from presentation of a thesis. Similarly, if the examiners consider that the candidate has reached the required standard in the written portion of the examination but that his thesis is not adequate, they may, if they think fit, recommend that he be exempted on re-entry from the written portion of the examination. In both the above cases the examiners may, if they so desire, examine the candidate again orally when he re-enters for the examination.

The fee payable on re-entry by candidates who have been exempted either from the written portion of the examination or from the presentation of a thesis is £10 10s.

A list of candidates for the M.Sc. (Econ.) 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.

THE DEGREE OF MASTER OF ARTS (M.A.)

The School registers candidates for the M.A. degree in Anthropology, Geography, History, Psychology and Sociology.

It is also possible in certain cases to register candidates in Philosophy.

The M.A. examination will take place twice in each year, commencing on the first Monday in December and on the fourth Monday in May, provided that if that day be Whit-Monday the examination will commence on the following Tuesday.

No unsuccessful candidate will be permitted to re-enter within one year from the date of his first entry without the permission of the examiners.

DETAILS OF EXAMINATION

The M.A. examination will normally include:—(i) a thesis, (ii) a written examination (except in History), (iii) an oral examination especially on the subject of the thesis.

The thesis shall be either a record of original work or an ordered and critical exposition of existing data with regard to a particular subject.

The title proposed for the thesis must in all cases be approved by the University, for which purpose it must be submitted to the University not later than 15 October for the next ensuing May examination or not later than 15 April for the next ensuing December examination.

Every candidate entering for this examination must apply to the

Office of the Graduate School for a form of entry in time for it to be completed, countersigned and sent by the candidate to the University, together with the proper fee, not later than 1 February for the May examination and not later than 15 September for the December examination. In History the thesis may be submitted at any time of the year.

The candidate must furnish, not later than 1 April for the May examination and not later than 15 October for the December examination, three type-written or printed copies of the thesis (*one* of which must be the typescript itself and *not* a carbon copy). Each candidate 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.

The fee for each student is £21 for each entry to the whole examination.

The fee payable on re-entry by candidates who have been exempted either from the written portion of the examination or from the presentation of a thesis is £10 10s.

If the examiners consider that a candidate's thesis (or dissertation) is adequate, but that he has not reached the required standard in the written portion of the examination, they may, if they think fit, recommend that the candidate be exempted on re-entry from presentation of a thesis (or dissertation). Similarly, if the examiners consider that the candidate has reached the required standard in the written portion of the examination, but that his thesis (or dissertation) is not adequate, they may if they think fit, recommend that he be exempted on re-entry from the written portion of the examination. In both the above cases the examiners may, if they so desire, examine the candidate again *viva-voce* when he re-enters for the examination.

A list of candidates for the M.A. degree who have satisfied the examiners, arranged in alphabetical order in the several branches, will be published by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show exceptional merit.

ANTHROPOLOGY

Candidates, other than those who have obtained First or Second Class (Upper Division) Honours at the B.A. Honours Degree in Anthropology of this University, will be required, unless special exemption be granted, to pass a qualifying examination before proceeding to the M.A. Examination.

Candidates not exempted, and presenting themselves for the B.A. honours examination as a qualifying examination, are not required to take a subsidiary subject.

The written portion of the examination will consist of one or more papers on subjects cognate to that of the thesis.

GEOGRAPHY

Students who have taken the M.Sc. degree in Geography will not be permitted to proceed to the M.A. degree in Geography.

Candidates other than those who have obtained the B.A. honours degree in Geography or the B.A. (General) degree with Geography in the first or second division in this University will generally be required to pass a qualifying examination consisting of four papers (to be selected by the University in relation to the branch of study to be offered at the M.A. examination) of the B.A. honours examination in Geography and to reach at least second class honours standard therein. Candidates who have obtained an equivalent degree including Geography in another University may be exempted from the whole or part of the qualifying examination.

The M.A. degree in Geography may be obtained in one of two ways. The candidate may either (i) be examined by written papers and a dissertation, or (ii) submit a thesis.

(i) M.A. in Geography without Thesis

The M.A. examination without thesis shall be on some major aspect of Geography or on the regional geography of an area of continental or sub-continental extent.

At least six months before the date of the examination at which a candidate proposes to present himself he must submit for approval (a) the major subject in which he wishes to present himself for examination, and (b) the section thereof on which he proposes to submit a dissertation, stating the proposed scope and method of treatment. He shall then be informed whether such subjects are approved by the University for the purposes of the examination.

The dissertation must be an ordered and critical exposition of existing knowledge of some part of the approved subject.

The examination shall consist of:—

- (a) The dissertation;
- (b) Two written papers on the approved subject;
- (c) An oral examination. It is, however, open to the examiners to reject the candidate without holding an oral examination.

The candidate is also invited to submit in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. Conjoint work must be accompanied by a statement showing clearly the

candidate's own share in the work, which statement must be signed by his collaborator.

(ii) M.A. in Geography with Thesis

The M.A. examination will include (i) a thesis, (ii) a written examination, and (iii) an oral examination especially on the subject of the thesis. It is, however, open to the examiners to reject the candidate without holding an oral examination.

The thesis must be a record of original work or other contribution to knowledge in some branch of Geography. Conjoint work may be submitted as a thesis for the degree, provided that the student shall furnish a statement showing clearly his share in the conjoint work and further provided that such statement shall be countersigned by his collaborator.

When submitting the title of the thesis for approval candidates must also submit the general scheme proposed for the thesis.

The written portion of the M.A. examination shall consist of one or more papers on a subject cognate to that of the thesis. The candidate will be informed of the subject in which he will be examined at the same time that the University communicates its decision regarding the approval of the subject proposed for the thesis.

HISTORY

All candidates entering for the M.A. degree examination in History must have previously obtained either a first or second class honours degree in History at this or some other university in the United Kingdom, or a degree from a university elsewhere which may be adjudged an equivalent qualification in History. Candidates to whom the University, on the advice of the Board of Studies in History, grants exemption from this rule will be required, before proceeding to the M.A. examination, to take not more than six papers of the B.A. Honours examination, to be specified in each case by the University, and to reach at least second class standard therein.

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, or provided that the prescribed interval has elapsed from the date of his obtaining the B.A. degree as an Internal Student. A candidate will be permitted to submit his entry form and fee not earlier 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 May in the year in which the course of study is completed.

A candidate who is required to pursue a course of study extending over a specified number of calendar years will be permitted to submit his thesis on or after the first of the month following that in which the prescribed 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 12 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.

PSYCHOLOGY

Students who have obtained the M.Sc. degree in Psychology will not be permitted to proceed to the M.A. degree in Psychology.

All candidates who have not obtained the B.A. Honours degree in Psychology are normally required to pass as a qualification for admission to the M.A. Examination, the B.A. Honours Examination in Psychology, but candidates may apply to be exempted from the whole or part of this Examination on the ground of having passed an Examination equivalent thereto. Candidates presenting themselves for the B.A. Honours Examination as a qualifying examination are not required to take a subsidiary subject.

Candidates for the M.A. degree in Psychology will be required to present a thesis, which shall embody original work. There will be an oral examination mainly on the subject of the thesis. In addition there will be a written examination. This will ordinarily consist of two papers but, at the discretion of the University, three papers and a practical examination may be required. Where two papers are presented, a practical examination may be added at the discretion of the Examiners. On registration, the candidate will be informed as to the methods by which he will be examined. Candidates who are required to take the examination by means of three written papers and a practical examination at the *May* examination, and who satisfy the Examiners in these parts of the examination, will be permitted to submit their theses at any time up to 30 September in the following year.

SOCIOLOGY

All candidates before proceeding to the M.A. examination in Sociology will be required to have passed the B.A. Honours examination

in one of the following subjects unless in any special case the University, on the report of the Board of Studies, grants exemption from the general rule:—Sociology, Anthropology, History, Philosophy (with Sociology as the optional subject).

The written portion of the M.A. examination will consist of two papers as follows:—

One paper on the field of study to which the thesis belongs (e.g., Social Institutions, Social Psychology, Social Philosophy, Methodology of the Social Sciences, etc.).

One paper connected still more closely with the thesis.

THE DEGREE OF MASTER OF LAWS (LL.M.)

The Academic Postgraduate Diploma in Law is an approved diploma for the purpose of the Regulations, but this diploma is not intended to be used generally as a qualification for registration for the LL.M. Degree, and will therefore be accepted as such qualification only in exceptional circumstances by special permission of the University.

Except as provided below, no candidate shall be admitted to the LL.M. Examination until after the expiration of two years from the time of obtaining the degree or other qualification entitling him to apply for registration for the LL.M. Degree.

Candidates other than graduates of this University who have obtained their first degree as Internal Students in the Faculty of Laws, must usually pursue a course of study extending over not less than two years.

Graduates of this University who have obtained the LL.B. Degree with First or Second Class (Upper Division) Honours or graduates of other Universities who are deemed to have similar qualifications may be admitted to the LL.M. Examination after pursuing a full-time course of study extending over not less than one year. They will be required to take the LL.M. Examination by four written papers and, at the discretion of the examiners, an oral examination.

The LL.M. examination will take place once in each year, beginning on the first Monday in September.

Every candidate entering for this examination must apply to the Office of the Graduate School for a form of entry, in time for it to be completed, countersigned and sent by the candidate to the University, with the proper fee, not later than 1 June.

A candidate submitting a dissertation must forward to the University by 1 September three type-written (*one* of which must be the typescript itself and *not* a carbon copy), or printed copies of his dissertation and a short abstract (3 copies) thereof, comprising not more than 300 words.

The fee for each entry for the whole examination is £21. The fee for entry for written papers and dissertation taken separately is £10 10s. for each entry.

A candidate may obtain the LL.M. degree either

I. By passing at one and the same examination in any four of the subjects enumerated below; or

II. *In special cases*, by passing at one and the same examination in any two of the subjects enumerated below, and in addition submitting a dissertation not earlier than the expiration of two calendar years from the time of his taking the LL.B. degree.

A mark of distinction will be placed against the names of those candidates who show exceptional merit.

I. Examination without Dissertation

Candidates shall be examined at the end of a two-year course in any four of the following subjects. In each subject the examination shall consist of one three-hour paper.

- (1) Jurisprudence and Legal Theory.
- (2) Company Law and the General Principles of the Law of Unincorporated Associations.
- (3) Constitutional Laws of the Commonwealth—I.
- (4) International Economic Law.
- (5) Law of International Institutions.
- (6) Legal History.
- (7) Mercantile Law.
- (8) Comparative Law of Contract in Roman and English Law.
- (9) Comparative Conflict of Laws.
- (10) Muhammadan Law.
- (11) Hindu Law.
- (12) Law of Landlord and Tenant.
- (13) Planning Law.
- (14) Administrative Law and Local Government Law.
- (15) Criminology.
- (16) Air Law.
- (17) International Law of the Sea.
- (18) International Law of War and Neutrality.
- (19) Law of Taxation. (For 1963-4 and 1964-5 only.)
- (20) Constitutional Laws of the Commonwealth—II.
- (21) African Law.
- (22) Law of Mortgages and Charities.
- (23) Illegality and Restitution.
- (24) History of International Law.
- (25) Comparative Criminal Law and Procedure.
- (26) Principles of Civil Litigation.
- (27) The Law of Estate Planning.
- (28) Law of Taxation with special reference to the Taxation of Income.

The subjects selected by candidates shall be approved by the University before candidates are registered, and candidates will only be registered for subjects in respect of which their qualifications are considered suitable.

The examiners may, in addition, if they see fit, examine any candidate orally.

II. Examination with Dissertation

(I) The candidate must submit a dissertation which must be written in English¹ and be a record of original work or other contribution to knowledge in some branch of Law. The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing Examination.

The written portion of the examination shall consist of one paper in each of two of the twenty-seven subjects enumerated above. The subjects selected by candidates shall be approved by the University before candidates are registered, and candidates will only be registered for subjects in respect of which their qualifications are considered suitable.

The examiners may, in addition, examine the candidate orally on any part of his work, or they may set a three-hour paper on the wider aspects of the dissertation.

N.B.—It is particularly important to consult an up-to-date copy of the full University regulations since they contain full syllabuses and bibliographies and, in some branches, special sections which are changed from year to year.

¹ LL.M. Dissertations should, where appropriate, contain:—

- (i) An alphabetical table of cases;
 - (ii) A chronological table of statutes;
 - (iii) A bibliography, covering books and articles;
- and each page should be numbered.

DATES OF EXAMINATIONS

(INTERNAL STUDENTS)

1963-1964

Entry forms for these examinations should be obtained from the Registry (Room 60) 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.

Note.—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 (Revised Regulations).

Entry closes	..	..	..	..	1 February 1964
Examination begins	..	..	..	..	1 June 1964

B.Sc. (Econ.) Final Part II (Revised Regulations).

Entry closes	..	..	..	..	1 February 1964
Examination begins	..	..	..	..	19 May 1964

B.Sc. (Econ.) Final, Part II (Old Regulations).*

Entry closes	..	..	..	..	1 February 1964
Examination begins	..	..	..	..	4 June 1964

B.Sc. (Soc.).

Entry closes	..	..	..	..	1 February 1964
Examination begins	..	..	..	..	4 June 1964

M.Sc. (Econ.).

December Examination

Entry closes	..	..	..	..	15 September 1963
Examination begins	..	..	..	..	2 December 1963

May Examination

Entry closes	..	..	..	..	1 February 1964
Examination begins	..	..	..	..	24 May 1964

LL.B. Intermediate (Special).

Entry closes	..	..	..	..	25 March 1964
Examination begins	..	..	..	..	1 June 1964

* Candidates will sit the examination set for External Students.

LL.B. Intermediate (General).				
Entry closes	..	..	..	29 August 1963
Examination begins	..	..	..	23 September 1963
LL.B. Final (Pass and Honours).				
Entry closes	..	..	..	1 February 1964
Examination begins	..	..	..	8 June 1964
LL.M.				
Entry closes	..	..	..	1 June 1964
Examination begins	..	..	..	9 September 1964
B.A. Final.				
Entry closes	..	..	..	15 February 1964
Examination begins	..	..	..	28 May 1964
M.A.				
December Examination				
Entry closes	..	..	..	15 September 1963
Examination begins	..	..	..	2 December 1963
May Examination				
Entry closes	..	..	..	1 February 1964
Examination begins	..	..	..	25 May 1964
Academic Postgraduate Diploma in Anthropology.				
Entry closes	..	..	..	15 March 1964
Examination begins	..	..	..	8 June 1964
Academic Postgraduate Diploma in Law.				
Entry closes	..	..	..	1 June 1964
Examination begins	..	..	..	2 September 1964
Academic Diploma in Public Administration.				
Entry closes	..	..	..	15 April 1964
Examination begins	..	..	..	22 June 1964
Academic Postgraduate Diploma in Psychology.				
Entry closes	..	..	..	15 April 1964
Examination begins	..	..	..	1 June 1964
Academic Postgraduate Diploma in Statistics				
Entry closes	..	..	..	20 March, 1964
Examination begins	..	..	..	15 June, 1964

SPECIAL COURSES

- (1) Department of Business Administration.
- (2) Course of Economics for Engineers and Applied Scientists.
- (3) Course in Industrial Financing.
- (4) Joint Postgraduate Studies in Technology, Economics and Administration.
- (5) Trade Union Studies.
- (6) Foreign Service Course.

Department of Business Administration

One-Year Graduate Course of Training in Business Administration

The Department offers to a limited number of selected students a one-year graduate course of training in Business Administration and facilities for research into problems of business practice. The one-year course, which was first offered in 1931, provides a method by which graduates can effect the transition from university to business. To others it gives an opportunity of acquiring a broader understanding of business than their work usually provides. The course is open to both men and women. No previous study of economics, law, or accounting is assumed.

The course requires full-time study for the whole session, which extends from October to July, and no outside work can be undertaken by the students. The curriculum includes economics, with special reference to business problems, business administration, labour, finance, industrial production and distribution, market research, statistics, and accounting. In the teaching work full use is made of materials drawn from the actual problems and practice of business, the course being conducted largely in the form of discussion classes. Students visit factories, shops, and offices, and prepare reports on what they have seen. (For scheme of study see courses Nos. 150 to 162.)

Those graduates in Economics and Commerce who wish to take the M.Sc. (Econ.) degree may attend the one-year course as part of their work and devote a further year to research. There may also be admitted to this course graduates in Engineering and Science, who study at the School under the scheme of graduate studies in Technology, Economics and Administration, which is conducted jointly with the Imperial College

of Science and Technology. Research into problems of Business Administration may also be undertaken by graduate students wishing to proceed to the degree of Ph.D. For further particulars of arrangements for higher degree students, see pages 227-241.

Conditions of Admission

1. Since the Department's one-year course is conducted at a graduate level, students must as a rule be university graduates, though duly qualified non-graduates may also be admitted (see paragraph 4 below).

2. All applications for admission will be considered by the Head of the Department, Sir Arnold Plant, Sir Ernest Cassel Professor of Commerce (with special reference to Business Administration) in the University of London. Candidates must be available for interview if required.

3. Candidates who are graduates must hold degrees from British universities or degrees of equivalent standing from universities overseas.

4. The usual qualifications for non-graduates are a good general education of not less than university entrance standard, not less than three years of practical experience during which they have held positions involving some responsibility, and attainment of the age of 25. Before being admitted to the Department's course, non-graduates may be required to undertake and achieve a prescribed standard in an approved course of study either at the London School of Economics or elsewhere.

5. For details of the scholarships available to graduate students, see pages 153-169. In case of serious financial difficulty it may be possible to assist students from the Manor Trust Fund (see page 160).

For details of fees, see page 139.

6. Candidates for admission must make application on official forms which should be filled in and returned as early as possible, and in any event not later than 5 September. These forms may be obtained from, and should be returned to, the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

Course of Economics for Engineers and Applied Scientists

The object of this course is to provide an introductory knowledge of economics in relation to industry and of business organisation and administration. It is intended primarily for university students of science

and engineering who have completed, or are completing, their first degree work.

The lectures are held each week of term on Tuesdays from 10 a.m. to 1 p.m. during the Michaelmas and Lent Terms. (For scheme of study see page 321.)

Course in Industrial Financing

The London School of Economics and Political Science, in collaboration with the British Council, and with the support of H.M. Treasury, the Bank of England and representatives of finance and banking houses and corporations, offers a course of study and observation in the principles and practices of financial institutions, within the field of industrial development.

The course has been specially designed for experienced officials of overseas Governments, Finance or Development Corporations, Ministries, Nationalised Industries, and Central Banks.

The course will draw on the experience of the London capital market, which, with its variety of institutions, its role in international finance and its close association with industry and commerce, is well situated to illustrate fundamental problems of finance. The course will therefore be mainly concerned with aspects of the operations of financial institutions in the United Kingdom, but their application to the circumstances of other countries will be given continuous consideration.

The course provides a combination of theoretical study and practical observation and will last six months. It will consist of lectures and discussions at the London School of Economics and Political Science, in which financial and business executives will take part.

The syllabus of the course takes the following form :

I. Capital Markets

INTRODUCTION:

Functions and problems of capital markets

The supply and uses of savings—sources of industrial finance

FINANCIAL INSTITUTIONS:

Central banks

Commercial banks.

Issuing houses

Stock exchanges

Finance corporations and development banks
 Hire-purchase finance houses
 Industrial finance houses—especially those for the finance of small businesses
 Investment trust companies.
 Unit trusts
 Insurance companies
 Pension funds
 Building societies and mortgage banks
 Savings banks

Wherever possible reference will be made to the operation of financial institutions in the developing countries.

2. The course also includes the general treatment of the following subjects:—

The economic problems of underdeveloped countries

Business finance:

- The elements of capital budgeting
- The choice of capital structures
- The finance of small companies
- Financial problems of nationalised industries
- Government policy and business investment

Joint Postgraduate Studies in Technology, Economics and Administration

The growth of the natural and social sciences and their impact on the development, organisation and management of business and public affairs are creating both opportunities and problems which cut across conventional faculty boundaries. The Imperial College of Science and Technology and the London School of Economics and Political Science have therefore made joint arrangements to enable graduate students to take advantage of the combined facilities of the two schools.

The two schools collaborate in encouraging research which will throw light on the direction, strength and interplay of scientific, technological,

social and market forces. For example, opportunities are provided for studies of the growth of industries largely based on scientific facts and principles, of the economic prospects of technological developments, of the factors affecting industrial productivity, and of the economics and organisation of research itself. For some of these studies a desirable training is a thorough grounding in an appropriate field of science and technology coupled with an appreciation of the relevant social sciences. Others may require a thorough grounding in the appropriate branches of the social sciences coupled with an appreciation of developments in natural science and technology.

Graduate research students accepted by either the Imperial College or the London School of Economics for this type of work receive guidance and help from *both* schools. Where it is advisable the student will be placed under two supervisors, one at each school.

Arrangements have also been made to assist graduate students whose purpose is to broaden and deepen their education and training rather than to engage in research. Students of Imperial College who have been accepted for a postgraduate course in science or technology and who wish to acquire an introductory knowledge of such subjects as economics, law, history and administration, are afforded facilities to do so at the London School of Economics. Courses of study are arranged to meet the individual needs of each student.

Arrangements relating to higher degrees have been made by the University of London to facilitate graduate studies which overlap the faculties of Science, Engineering and Economics. Subject to the University Regulations candidates are permitted to proceed to a higher degree based upon a field of study falling mainly or partly in a faculty different from that in which the first degree was obtained.

In addition to other scholarships and awards which may be open to graduate students of the two schools, attention is specially drawn to the Research Studentships and Advanced Course Studentships offered by the Department of Scientific and Industrial Research. In order to stimulate research of the kind described above and the training of men and women competent to undertake it, these grants are now available for honours graduates in pure or applied science to be trained in the investigation of problems concerning industrial productivity and organisation. Studentships are available both for postgraduate training in methods of research and for acceptable courses of postgraduate instruction in science and technology, including certain courses at the London School of Economics.

Further information relating to the above arrangements can be obtained from the Registrar, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, or the Registrar, The

London School of Economics and Political Science, Houghton Street, London, W.C.2.

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 the approval of the Tutor to the course, 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 Tutor to the course, who is a member of the staff of the School, gives advice to all applicants; he is in general charge of the course and it is to him that those accepted should look for advice and guidance.

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.

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 report from the School describing the work done, and the standard reached, during his period of study.

Admissions to the course are made by the Tutor (Professor Roberts), who interviews applicants at the School by arrangement. Application forms can be obtained from the Registrar.

Full details of the fees payable are given in the Fees section of the Calendar.

Foreign Service Course

The Department of International Relations offers a one-year course for foreign service career officers. It is intended to meet the needs of governments which require a short but intensive period of study for present or prospective members of their diplomatic services. Most students, therefore, are officially nominated by their governments, but applications from others will be considered in appropriate circumstances. The course is full-time and normally runs from October to June, but students urgently required for government service may be permitted to terminate their attendance in April. Applicants must have a university degree or equivalent qualification.

The programme includes general instruction at the graduate level in international relations, together with more specialised study of international institutions, diplomatic procedures, international law, international economics, recent international history, and one foreign language. Special arrangements are made for students to gain first-hand experience of the operation of embassies and international organisations through tours, visits and lectures by professional diplomats.

At the end of the year students take an examination in three subjects. Each successful student is given a certificate showing his satisfactory completion of the course and any distinction he may have attained. A full report of his work throughout the session is sent to his sponsoring government.

Further details are set out in the pamphlet "Foreign Service Course". Copies of this are available, together with application forms, from the Registrar, London School of Economics, Houghton Street, Aldwych, London, W.C.2.

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. The moving spirit was Sidney Webb (Lord Passfield), one of the original trustees and chairman of the Library Committee for many years; his hand can be seen in the programme put before the public, with its plea for the comparative study of public affairs based on official and institutional documents not at that time available either in the British Museum or in any special library in this country. The new library was to serve 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) and 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 the law of certain foreign countries and international law, and in the social, economic and international aspects of history. As well as treatises and some 10,200 non-governmental periodicals (of which 3,600 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 8,000 serials (of which 5,000 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 425,000 bound volumes, together with a large amount of material not yet bound; the total number of separate items is estimated at over a million. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries,

and in others it is unsurpassed; 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 are given on pages 508-9. 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 800 readers; reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 40,000 volumes. The Periodical Room provides all readers with immediate access to the current numbers of over 300 periodicals. There is a fine room devoted to early books. 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 demand for use in the reading rooms.

The School also possesses other libraries. The Lending Library consists chiefly of the books most in demand by students, which can also be used for reference in the room; it is housed in Room E.7 in the East Wing. The Shaw Library (founded by Mrs. George Bernard Shaw) consists of general literature; it is housed in the Founders' Room on the fifth floor. There is also a series of study room libraries attached to different teaching departments and containing special collections mainly for the use of honours students.

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

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) Staff.
 - (c) Regular students.
 - (d) Intercollegiate students.
 - (e) Occasional students who have paid a library fee of 2½ guineas a session or 1 guinea a term.
 - 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) (In vacation only) Undergraduates of other universities and colleges.
 - (e) Such other persons as may from time to time be admitted by the Director.

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 and 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. od. for a permit valid for six months, £2 12s. 6d. for three months or £1 1s. od. 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 by the Director of the School. 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 Fridays in term from the second week of the Michaelmas Term until the end of the first week in June part of the Library remains open, with a limited service, to 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, from Good Friday to the following Wednesday inclusive, 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 reading rooms. 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 connected reading rooms.

(7) Readers who have finished with books taken from the open shelves in any of the rooms should return such books without delay to the collection stack in the room from which the books have been taken, or preferably to their places on the shelves.

(8) Books not accessible on the open shelves must be applied for on the prescribed forms. Such books must be returned to the book counter when done with, so that the forms may be cancelled. Readers will be held responsible for all books issued to them as long as the forms are in 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 by any reader for any reason whatsoever, except under the express written authority of the Director or Librarian. All readers as they leave the Library are required to show to the Library janitor any works, including papers, folders, newspapers, etc., they may be carrying.

Members of the School staff are authorised, on completing the prescribed forms, to take books to their private rooms in the School. They will be responsible for any loss of or damage to books so removed; all books so removed must remain accessible to the Library staff in the event of their being required by other readers.

(10) Research students, upon completion of the prescribed forms, 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 on the written authorisation of the Librarian 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 forms are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse forms 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 cleared by the Library staff 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 by the Librarian, at his discretion, 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 from the Librarian.
- (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 Library) and showing his current College Admission Card or Union Society membership 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 about 750,000 books on many subjects, most of which may be borrowed for home reading, and about 4,250 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 week-days during Term and the Easter vacation and from 10 a.m. to 5 p.m. on Saturdays and during the Christmas and summer vacations.

Microfilms, photostats 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 eight micro-text readers (micro-film, microcard, microprint).

CAREERS

The Careers Adviser works in cooperation with the University of London Appointments Board, of which he is a member. Students should consult him in their first year at the School and at intervals during their course, but it will be open to them to seek his advice before entry and after graduation, if desired.

It cannot be said of any of the degree courses given at the School that there is a resultant choice of careers strictly limited to that particular course. Because of this the choice of course or special subject to be studied should be governed by the student's aptitude for and interest in such studies, rather than by their apparent value for a certain career. The need for guidance in making this choice is stressed, since an unwise selection, often made for mistaken reasons, can jeopardise a student's chances of achieving the best result. Those who are in doubt should consult the Careers Adviser as soon as possible, preferably before entry. Enquiries from teachers, parents, and others responsible for advising prospective students are also welcomed.

The study of any branch of the social sciences and especially for the B.Sc.(Econ.), which is the least specialised of the first degrees taken at the School, or the B.A. with History, or Geography, or Philosophy and Economics, provides an excellent preliminary training for any occupation in which a knowledge of contemporary affairs and a capacity for balanced judgment are important qualifications.

Candidates for the open competitions, held annually for posts in the Administrative and Special Departmental Classes of the Civil Service, and also for the Foreign Service, must have, or obtain in the same year, a university 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 course. For Local Government appointments specialisation in Law, Accountancy, or some branch of social work is usually necessary.

The system of traineeships adopted by many industrial and commercial organisations provides opportunities for graduates to enter one or other of the specialised or professional branches of management. 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 oversea service of certain British banks offers a particularly interesting and financially attractive career.

For most careers, whether in the professions, in public administration, or in business, the acquisition of some further professional qualification or special training appropriate to that career is advisable, if not obligatory. Many firms send members of their staff to the more specialised and advanced courses in Business Administration and Personnel Administration.

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 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 (see pages 194 and 195).

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 posts in social administration, such as almoners, probation officers, youth leaders, youth employment officers, wardens of settlements, housing managers and child care 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.

The following books are recommended for additional information concerning careers:—

Careers for Graduates (Athlone Press).

Civil Service Posts for Graduates (H.M. Stationery Office).

P. Dunsheath, *The Graduate in Industry* (Hutchinson). Chaps. VI, VII, XII and XIII.

D. E. Wheatley, *Industry and Careers* (Iliffe Books Ltd.).

A Career in Education for University Graduates (Ministry of Education) (H.M. Stationery Office).

The Arts Graduate (Women's Employment Federation).

Work Overseas (Oversea Service).

STUDENTS' AND ATHLETIC UNIONS

STUDENTS' UNION

The objects of the Students' Union are:—

1. 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.
2. To administer, supervise and improve the Union premises.
3. To co-operate with the School authorities and external student organisations.
4. To provide a forum for the discussion of student affairs and interests.
5. To approve and regulate student societies.
6. To integrate and publicise student activities.

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 the '*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 notice-boards.

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, and 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 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 Union is a member of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) under the auspices of which vacation traineeships for students in many countries are arranged. It is also a member of CEDESE (Communauté Européenne des Etudiants en Sciences Economiques) in which it associates with six other Economics schools in Europe to promote European understanding by means of exchanges.

The *Clare Market Review*.—The Union magazine was founded over fifty years ago, and is published in March and December. The editor is always pleased to receive contributions in the form of topical articles, short stories, poems, illustrations and photographs. The Students' Union also publish a fortnightly newspaper, *Beaver*.

Hon. President:

ERIC SYKES

Hon. Vice-President:

Mrs. A. KIRBY

Executive Officers:

President	..	..	..	T. FISK
Deputy President	..	..	..	G. FIELDING
Administrative Vice-President				M. GOLDSTEIN
Social Vice-President	..	..	..	MARGARET ATKINSON
External Affairs Vice-President				S. DESAI
Welfare Vice-President	..	..	..	A. KURTHA
General Secretary	..	..	..	GAIL SHERIDAN
Senior Treasurer	..	..	..	M. BROMWICH

CLARE MARKET REVIEW

Editor MARGARET ARCHER

BEAVER

Editor GRAHAM MURRAY

ATHLETIC UNION

All students are eligible to join the Athletic Union on paying to any of its constituent clubs the appropriate membership subscription, the details of which can be obtained from the club secretaries.

The following clubs are affiliated to the Athletic Union.

<i>Club</i>	<i>Secretary</i>
Association Football	A. G. McDUFF
Athletics	D. J. EDWARDS
Badminton	B. CHOWDHURY
Basketball	—
Boat (Men's)	G. W. F. CRAWFORD
Boat (Women's)	—
Cricket	P. F. GUSCOTT
Cross-country	T. J. REDDIN
Fencing	—
Golf	—
Hockey (Men's)	—
Hockey (Women's)	—
Judo	B. KEMP
Mountaineering	J. RUTHERFORD
Netball	—
Rugby Football	R. I. THORNBOROUGH
Sailing	—
Squash (Men's and Women's)	—
Swimming and Water Polo ..	A. A. RINK
Table Tennis (Men's)	—
Table Tennis (Women's) ..	—
Tennis (Men's)	—
Tennis (Women's)	Mrs. M. J. MELLOR
Y.H.A.	D. LEVER

There are some twenty acres of playing fields at New Malden, to which there are frequent trains from Waterloo.

The ground has facilities for Association and Rugby football, hockey and cricket, lawn tennis and running. The pavilion has hot and cold showers and a plunge bath. Light teas are served and there is a bar.

The Boat Clubs row from the University Boat House, Chiswick; the Squash Club uses the School court; the Badminton, Basketball, Fencing, and Table Tennis Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath; the Swimming Club uses the University Union Pool; and the Sailing Club operates at the Welsh Harp, Hendon.

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

Executive Officers:

President	K. M. HURLEY
Vice-Presidents	{ K. ORD J. WEIR
General Secretary	B. CROOP
Assistant General Secretary ..	P. JONES
Treasurers	{ Miss M. COOPER B. WOOD

RESEARCH STUDENTS' ASSOCIATION

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

The Association is the social centre of the Graduate School, helping the research 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 Research Students' Common Rooms on the second floor of the Main Building (Rooms 221 and 222) which are open during regular School hours: tea is served in Room 221 in term time at 4 p.m. on Wednesdays, when there are often guest speakers.

An Executive Committee is elected each November and is responsible for administering the Common Room, for arranging week-end parties, the Annual Dinner, and other such occasions, details of which are posted on the notice board in the Common Room; and otherwise for 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.

1962-63:

<i>President</i>	J. COWLEY
<i>Secretary</i>	DINA A. SCHWARTZ
<i>Treasurer</i>	N. K. O'SULLIVAN
<i>Committee</i>	L. S. EDWARDS M. JAMIL S. I. KATZ MARCIA A. MONTIN

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.

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.

The fees for halls of residence, stated on the following pages, are those which are in force at present; but they are liable to amendment.

Halls of Residence for Men:

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 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 170 students: in single, double, and treble study-bedrooms. The fees are, at present, £52 10s., £50 and £46 per term respectively, payable terminally in advance.

Fees cover breakfast and dinner, and all meals on Saturdays and Sundays. Washbasins and gas fires with slot meters are provided in each room.

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

COMMONWEALTH HALL

Cartwright Gardens, London, W.C.1.

An Inter-collegiate Hall for 400 men from the United Kingdom and Overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table tennis room, billiards room, library, common rooms, television rooms, drip-dry laundry rooms. Central heating.

Fees (£161 5s. for 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 should be returned by the end of May.

CONNAUGHT HALL OF RESIDENCE,

36-45, Tavistock Square, London, W.C.1.

Inter-collegiate 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 £160 per session of 30 weeks. Written applications to the Warden, Dr. D. M. Lang, should be made before 31 May.

INTERNATIONAL HALL

Brunswick Square, W.C.1.

International Hall accommodates 270 men students. Half the rooms are reserved for British students and half for students from overseas. There are 10 double rooms and 250 single rooms.

Fees:—£5 7s. 6d. (single room) and £5 0s. 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 for admission may be obtained from the Warden and should be returned by 30 May.

LONDON HOUSE

Mecklenburgh Square, W.C.1.

London House has accommodation for 350 postgraduate students from the overseas countries of the Commonwealth, the United Kingdom, the United States of America and the Republic of South Africa. It was established by the Dominion Students Hall Trust.

Fees for residence (excluding meals) vary between £2 16s. 0d. and £4 14s. 6d. 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.

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

Halls of Residence for Women:**COLLEGE HALL**

Malet Street, W.C.1.

College Hall provides single and double room accommodation for 220 women students of the University of London, in a modern, central-heated building close to the University site in Bloomsbury. It has good common-rooms, dining-hall, library, studio and laundry. The study-bedrooms are well furnished and there is hot and cold running water in every room. All meals are provided except lunch from Monday to Friday.

Fees:—150 guineas each for shared study-bedroom, 165 guineas for single (and for share of certain larger double) study-bedrooms, for the session of 30 weeks.

Principal:—Miss P. D. Ede, B.A. (Cantab.), from whom further particulars may be obtained.

CANTERBURY HALLHall for Women Students of the University,
Cartwright Gardens, W.C.1.

Canterbury Hall is situated in Bloomsbury within 20 minutes of the School. It has accommodation for 220 students in single study-bedrooms with central heating. There are several common-rooms, a chapel, a library, games-room, squash court and concert hall. Fees, which include breakfast and dinner every day, and full board on Saturdays and Sundays, are from £150 per session of about 30 weeks. There are no retaining fees in vacation.

Students who would like to be admitted to Canterbury Hall should communicate in the first instance with the Warden. Applications for admission in October should be made during the preceding March.

NUTFORD HOUSEIntercollegiate Hall for Women Students of the University,
Brown Street, off George Street, W.1.

Nutford House is situated near Marble Arch and has accommodation for 192 women students in 23 double and 146 single rooms; some central heating. There are common-rooms, a library, games-room and laundry-rooms. A proportion of the rooms available is reserved for students of the London School of Economics.

Fees:—£135 (for share of double room) and £150 (single room) per session of about 30 weeks. This includes breakfast and dinner every day and full board on Saturdays and Sundays.

Applications (enclosing a stamped self-addressed foolscap envelope) should be sent by the end of the Spring Term, for admission in the following October, to the Warden (Mrs. Osman) at Nutford House.

WILLIAM GOODENOUGH HOUSE(The Sister Trust: affiliated to the Dominion Students' Hall Trust),
Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 112 postgraduate women students from the British Commonwealth and the United States of America. In addition there are 50 self-contained flats for married students.

Fees, including breakfast, are from £4 4s. od. to £5 5s. od. 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.

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

SPECIAL ASSOCIATIONS AND SOCIETIES

i. The London School of Economics Society

(Formerly Old Students' Association)

HONORARY OFFICERS AND COMMITTEE, 1962/63

<i>President</i>	.. ..	SIR ROBERT M. SHONE, C.B.E.
<i>Vice-President</i>	.. ..	DR. VERA ANSTEY.
<i>Representative of the London School of Economics Society on the Court of Governors</i>	.. ..	W. H. B. CAREY, F.C.A.
<i>Secretary</i>	.. ..	W. M. STERN.
<i>Entertainments Secretary</i>	.. ..	MISS H. MARJORIE SIMPSON.
<i>Treasurer</i>	.. ..	J. B. SELIER, F.C.A.
<i>Auditor</i>	.. ..	K. A. POLLOCK, A.C.A.

<i>Committee Members</i>	THE OFFICERS and MRS. OLGA AIKIN, MISS ILSE T. BOAS, W. F. CRICK, N. M. EKSERDJIAN, MISS JANE T. HENDERSON, J. V. HERRING, D. J. KINGSLEY, MRS. DIANA OLDERSHAW, P. J. C. PERRY, B. ROWNTREE, J. WHYMAN
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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 annual membership while remaining on the staff. 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 *London School of Economics Society Magazine* is sent to members free of charge, and there are occasional social events including 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.

ii. Friends of the London School of Economics

Trustees:

Chairman, LORD PIERCY; *Vice-Chairman*, S. P. CHAMBERS.

Treasurer, W. H. B. CAREY.

SIR SYDNEY CAINE, SIR ALEXANDER CARR-SAUNDERS, EVE V.

EVANS, L. FARRER-BROWN, G. TUGENDHAT.

Secretary, H. KIDD.

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, and 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. Future projects include the refurnishing of the Founders' Room. The annual subscription is two guineas, or one guinea if paid under a seven-year deed of covenant. 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.

iii. Sociology Club

The Sociology Club, founded in 1923, meets at the School once each term, in the evening. The President of the Club is Professor Morris Ginsberg and the Hon. Secretary, Mr. S. J. Gould. Membership is open to all members of the Senior Common Room, and to a certain number of persons outside the School. The aim of the Club is to encourage the discussion of subjects of common interest to the various special disciplines in the field of social studies.

PART III
LECTURE COURSES, CLASSES, ETC.
and
SCHOOL PUBLICATIONS

ADDRESSES

DIRECTOR'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 28 September 1963, 11 a.m.

First Year undergraduate Evening Students:

Monday, 30 September 1963, 6.30 p.m.

LIBRARIAN'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 28 September 1963, 3 p.m.

Evening Students: Tuesday, 1 October 1963, 6.30 p.m.

GENERAL LECTURES

381. **English Legal Institutions.** Mr. Diamond and Mr. Thornberry. Twenty lectures, Michaelmas Term.

464. **Social and Political Themes in French Literature.** Various lecturers. Sessional.

475. **English as a Foreign Language.** Mr. Chapman. Twenty-four lectures, Sessional.

477. **English Speech.** Mr. Chapman. Five lectures, Lent Term.

478. **The Art of Writing.** Mr. Chapman. Three lectures, Michaelmas Term.

640. **Introduction to Social Anthropology.** Dr. Freedman. Twenty-five lectures, Sessional.

720. **Introduction to Social Policy.** Professor Titmuss. Twelve lectures, Michaelmas and Lent Terms.

833. **Elements of Social Structure.** Dr. Little. Twenty lectures, Michaelmas and Lent Terms.

842 (b). **Political Structure and Political Behaviour.** Mr. McKenzie. Ten lectures, Summer Term.

846. **Criminology.** Mr. Hall Williams. Fifteen lectures, Michaelmas and Lent Terms.

940. **Introduction to Statistical Sources.** Professor Allen. Ten lectures, Michaelmas Term.

946. **The Nature and Sources of Social Statistics.** Professor Moser and others. Ten lectures, Lent Term.

947. **Survey Methods in Social Investigation.** Professor Moser. Ten lectures, Michaelmas Term.

Classes in Modern Languages for graduate students not taking a language as an examination subject. (See page 392.)

Note: For the B.Sc.(Econ.) degree the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in roman numerals, and the number of an optional paper in arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 178-186 in Part II of the Calendar.

ECONOMIC AND SOCIAL ADMINISTRATION

ECONOMIC AND SOCIAL ADMINISTRATION

1. Economic Analysis and Policy (Class). Mr. Cassen. Sessional.

Restricted to One-Year Diploma in Economic and Social Administration.

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 emphasis will be on the problems of underdeveloped countries, with comparative material drawn from the experience of more advanced countries.

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

- No. 8.—Introduction to Economics.
- No. 45.—The Structure of Modern Industry.
- No. 47.—The System of Public Finance.
- No. 48.—Recent Economic Developments.
- No. 58.—The Economics of the Labour Market.
- No. 106.—Problems of Economic Growth in Underdeveloped Countries.
- No. 107.—Economic Planning in Underdeveloped Countries.
- No. 115.—Seminar on the Economics of Underdeveloped Countries.

2. Theory and Practice of Government. Mr. Engholm and Mr. Austin. Sessional.

For One-Year Diploma in Economic and Social 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. 569.—The Governmental Process.
- No. 570.—Local and Regional Government.
- No. 571.—Planning and Administration.
- No. 578.—Politics and Government in New and Emergent States.
- No. 581.—Politics and Government of France.
- No. 582.—Politics and Government of the U.S.A.
- No. 583.—Politics and Government of Russia.
- No. 585.—The Politics of European Integration.

3. Constitutionalism in the New Commonwealth. Professor de Smith. Six lectures, Lent Term. (Beginning in fifth week.)

For Diploma in Economic and Social Administration; B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c; Overseas Service Officers and for LL.B. and LL.M. students who are interested. Optional for Diploma in Social Administration (overseas option) (Second and One-Year students).

Syllabus.—The Westminster model of parliamentary democracy as adapted in newly self-governing and independent Commonwealth countries. Presidential régimes. Modifications of the principle of majority rule: federalism, diarchy, bicameralism, constitutional entrenchment of bills of rights, and other safeguards for regional, group and individual interests. The independence of the judiciary and the public service.

Special attention will be given to the constitutions of India, Pakistan, Ghana, the Federation of Malaysia, Nigeria, Cyprus, Tanganyika, Jamaica, Kenya and Southern Rhodesia.

Recommended reading.—D. V. Cowen, *The Foundations of Freedom*; W. I. Jennings, *The Approach to Self-Government*; O. I. Odumosu, *The Nigerian Constitution*; L. A. Sheridan (Ed.), *Malaysia and Singapore: the Development of their Laws and Constitutions* (Part I); F. A. R. Bennion, *The Constitutional Law of Ghana*; F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries*; S. A. de Smith, *The New Commonwealth and its Constitutions* (when published).

4. Social Structure and Policy. Mr. J. H. Smith. Sessional.

For One-Year Diploma in Economic and Social Administration.

Syllabus.—Forms of social structure and the levels of economic development associated with them. Industrialisation and urbanisation as processes of social change; the emergence of social problems. How societies identify their social problems. The measurement of standards and levels of living. Forms of social provision in different social structures. The development of social policy and administration in industrial-urban societies. Values underlying approaches to problems of social development in different countries.

Recommended reading.—L. Broom and P. Selznick, *Sociology*; G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; G. Hunter, *The New Societies of Tropical Africa*; United Nations, Report on the World Social Situation, 1957 and 1961; C. Kerr et al., *Industrialism and Industrial Man*.

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. 658.—**Social Implications of Technological Change.**
- No. 659.—**Selected Problems in Applied Anthropology.**
- No. 660.—**Rural Development and Land Reform.**
- No. 683.—**Population Trends and Policies.**
- No. 720.—**Introduction to Social Policy.**
- No. 721.—**Health and Social Medicine.**
- No. 722.—**Development of Social Administration.**
- No. 724.—**An Introduction to the Financial Problems of the Social Services.**
- No. 725 (b).—**Community Development.**
- No. 836.—**Comparative Social Institutions.**
- No. 947.—**Survey Methods in Social Investigation.**

5. Administrative Problems of Development (Seminar).

A seminar will be held by the tutors for students of the course in Economic and Social 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 transplanted 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, ANALYTICAL AND APPLIED
(INCLUDING COMMERCE)

I. General Economic Theory	Page
II. Applied Economics:	291
(a) General	298
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(c) International Economics, Regional Studies and Economic Development ..	310
(d) Business Administration and Accounting	314
(e) Transport	321

ECONOMICS, ANALYTICAL AND APPLIED (including Commerce)

I. GENERAL ECONOMIC THEORY (including History of Economic Thought)

8. Introduction to Economics. Mr. Shaffer. Eighteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Geography (First Year)—Subsidiary subject of Economics; Intermediate LL.B.; Diploma in Social Administration (First Year), Diploma in Social Administration (First Year) (Overseas Option). Diploma in Personnel Management, Certificate in International Studies, and Overseas Service Officers. Diploma in Public Administration.

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

Recommended reading.—PRELIMINARY READING: H. Croome and G. King, *The Livelihood of Man*; D. C. Hague and A. W. Stonier, *The Essentials of Economics*; R. L. Heilbroner, *The Great Economists*.

FOR REFERENCE AND SPECIAL TOPICS: P. A. Samuelson, *Economics: An Introductory Analysis*.

9. Elements of Economics. Dr. Corry. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Honours in Philosophy and Economics (First Year); B.A./B.Sc. (Sociology) (First 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.—P. A. Samuelson, *Economics: An Introductory Analysis*; R. G. Lipsey, *An Introduction to Positive Economics*.

Further reading on particular topics will be given as the course proceeds.

10. The History of Economic Thought. Lord Robbins. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History of Economic Thought*, I 8a; II 8a; III 8e; VII 3d; and B.A. Honours in Philosophy and Economics (Third Year) and for graduate students.

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 Adam Smith, 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*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; 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*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens, *The Evolution of Classical Economics*; T. W. Hutchinson, *A Review of Economic Doctrines, 1870-1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*. I, Band. Further reading will be suggested during the course.

11. Economic Principles. Dr. Ozga and Mr. Klappholz (day), Dr. Makower (evening). Thirty lectures, sessional.

For B.Sc. (Econ.)—*Economic Principles*, I 4; II 4; III 1; IV 4; IX 1a; X 1a; and for B.A. Honours in Philosophy and Economics (Second Year).

PART I

Syllabus.—The theory of the household and of the firm; market structures; the theory of factor prices, and some aspects of welfare economics. Consideration will be given to the problems which these theories were designed to solve.

Recommended reading.—K. E. Boulding, *Economic Analysis* (3rd edn.) especially Part III; W. J. L. Ryan, *Price Theory*; E. Schneider, *Pricing and Equilibrium*; G. J. Stigler, *The Theory of Price* (3rd edn.).

PART II

Syllabus.—The short-run theory of income determination; the theory of price level changes; theories of fluctuations; the elementary theory of long-run-growth; stabilisation policy.

Recommended reading.—G. Ackley, *Macro-economic Theory* (especially ch. 1 and Parts III and IV); A. C. L. Day, *Outline of Monetary Economics* (especially Parts I, II, III (chs. 16 and 17), IV and V); T. F. Dernburg and D. M. McDougall, *Macro-Economics*; J. P. McKenna *Aggregate Economic Analysis*; E. Schneider, *Money, Income and Employment* (especially ch. III).

12. The Development of Economic Analysis. Lord Robbins and Dr. Corry. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Development of Economic Analysis*—I 7 (Third year); and for graduate students.

Syllabus.—The course is designed to provide a survey of modern economic analysis from an historical and comparative point of view. Beginning with a conspectus of the general outlines of the classical system it will proceed to more detailed discussion of the developments since 1870 which have resulted in the systems of today.

References to recommended reading will be given as the course proceeds.

13. Introduction to a Mathematical Treatment of Economics. Mr. Archibald. Ten lectures and five classes, Lent Term.

For B.Sc. (Econ.) Part II—*Economic Principles*, I 4; and B.A. Honours in Philosophy and Economics (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; production functions; the theory of the firm and industry; 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*.

Note: Normally it will be assumed that students taking courses 14-17 will be taking either Mathematics A or Mathematics B. Other students should consult their tutors.

Students are also referred to courses 970 and 972.

14. Comparative Statics. Mr. Kuska, Mr. Peston and Mr. Reddy. Fifteen lectures and fifteen classes, Summer Term.

For B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b (Second Year).

Syllabus.—Mathematical statement of traditional value theory and selected aspects of other theoretical areas for which the methods of comparative statics are used.

Recommended reading.—R. G. D. Allen, *Mathematical Analysis for Economists*; P. A. Samuelson, *Foundations of Economic Analysis*; J. M. Henderson and R. E. Quandt, *Microeconomic Theory*.

15. Introduction to Economic Dynamics. Dr. Bergstrom, Mrs. Oldershaw and Mr. Reddy. Ten lectures and ten classes, Michaelmas Term.

Optional for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b (Third Year). (Students should attend either this course or course No. 970.)

Syllabus.—The treatment of time lags in economic models. Simple micro-dynamic models. Trade cycle models. Simple growth models.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*; W. J. Baumol, *Economic Dynamics*; J. E. Meade, *A Neo-classical Theory of Economic Growth*; P. A. Samuelson, *Foundations of Economic Analysis*.

16. Dynamic Economic Processes. Dr. Bergstrom and Mrs. Oldershaw. Five lectures and five classes, Lent Term.

Optional for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b (Third Year). (Students should attend either this course or course No. 972.)

Syllabus.—The synthesis of trade cycle and growth theory. The regulation of dynamic systems.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*; A. W. H. Phillips, "Stabilization Policy in a Closed Economy", *Economic Journal* 64; A. W. H. Phillips, "A Simple Model of Employment, Money and Prices in a Growing Economy", *Economica*, Nov. 1961.

17. Elements of Games Theory. Mr. Preston. Five lectures, Summer Term.

Optional for B.Sc. (Econ.) Part II—Special subject of Economics (Analytical and Descriptive), also for graduate students.

This course will provide an introduction to elementary games theory. No mathematics beyond ordinary algebra will be required.

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*.

18. **Statistical Methods in Economics.** Professor Phillips, Dr. Bergstrom and Mr. J. J. Thomas. Twenty-five lectures and twenty classes, Sessional.

For B.Sc. (Econ.) Part II—*Statistical Methods in Economics*, I 6b (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.)

Syllabus.—Formulation of economic theories with a view to statistical estimation and testing. Special problems of statistical inference arising from simultaneous relations, distributed time lags and auto-correlated disturbances. Methods of analysing time series and cross-section data. A study of representative articles and books in which statistical methods have been used for investigating economic relations.

Recommended reading.—J. Johnston, *Econometric Methods*; H. Theil, *Economic Forecasts and Policy*; W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*; K. A. Fox, *Econometric Analysis for Public Policy*; R. Stone, "The Analysis of Market Demand" (*Journal of the Royal Statistical Society*, Series A, 1945); W. C. Hood, "Empirical Studies in Demand" (*Canadian Journal of Economics and Political Science*, 1955); H. S. Houthakker, "The Econometrics of Family Budgets" (*Journal of the Royal Statistical Society*, Series A, 1952).

25. **Economics Classes.** A series of special classes will be held for first-year students reading for the following degrees: B.Sc. (Econ.), B.A./B.Sc. (Sociology), B.A. Honours in Philosophy and Economics.
26. **Economics Classes.** Classes will be held in connexion with Course No. 8.
27. **History of Economic Thought Class.** A class will be held by Mr. Klappholz and Dr. Corry on set books in the History of Economic Thought for students taking Part II of the B.Sc. (Econ.) and B.A. Honours in Philosophy and Economics (Third Year).
28. **Economic Principles Class.** A class will be held weekly throughout the session on Economic Analysis in connexion with Course No. 11.
29. **Economic Analysis Class.** A class will be held weekly throughout the session for third-year students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).

FOR GRADUATE STUDENTS

34. **The Theory of the Firm.** Mr. Archibald. Nine lectures, Michaelmas Term.

For graduate students. Undergraduates may attend by permission of Mr. Archibald.

Syllabus.—The object of this course will be to amplify the theoretical analysis of the theory of the firm, acquired by students in lectures and classes and through their own reading.

Recommended reading.—E. H. Chamberlin, *The Theory of Monopolistic Competition*; R. Triffin, *Monopolistic Competition and General Equilibrium Theory*; W. J. Fellner, *Competition among the Few*; J. Robinson, *The Economics of Imperfect Competition*; G. J. Stigler, *The Theory of Price* (3rd edn.); K. Boulding, *Economic Analysis*; T. Wilson and P. W. S. Andrews (Eds.), *Oxford Studies in the Price Mechanism*; N. Kaldor, *Essays on Value and Distribution*.

Further reading will be recommended as the lectures proceed.

35. **Selected Aspects of Micro-Economic Theory.** Mr. Banerjee. Ten lectures, Michaelmas Term.

For graduate students; undergraduates may be admitted by permission of Mr. Banerjee.

Syllabus.—Utility; the indifference-preference hypothesis; revealed preference. General equilibrium; partial equilibrium. Stability conditions. Variable and fixed proportions in production. Input-output.

Recommended reading.—L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*; M. Friedman, *Essays in Positive Economics*; R. G. D. Allen, *Mathematical Economics*; J. M. Henderson and R. E. Quandt, *Microeconomic Theory*; J. R. Hicks, *Value and Capital* (2nd edn.); *A Revision of Demand Theory*; P. A. Samuelson, *Foundations of Economic Analysis*; G. J. Stigler, *Production and Distribution Theories*; D. Patinkin, *Money, Interest and Prices*; D. Gale, *The Theory of Linear Economic Models*; W. W. Leontief, *The Structure of American Economy, 1919-39*; National Bureau of Economic Research, *Input-Output Analysis—An Appraisal* (Wealth and Income Series, Vol. 18).

36. **Selected Topics in Advanced Economic Theory.** A series of lectures will be given by Dr. Ozga and other members of the Economics Department for graduate students during the Lent Term. The programme will be announced when the lectures begin.

37. **Advanced Topics in Mathematical Economics.** Dr. Morton. Five lectures, Summer Term.

Recommended for graduate students, and other students interested in the subject.

Syllabus.—Recent developments in mathematical economics will be discussed.

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

38. **Course and Seminar: Case Studies in Measurement and Testing in Economics.** Mr. Archibald, Dr. Corry, Mr. Peston, Mr. Steuer and Mr. J. J. Thomas. Ten lectures, Lent Term, followed by a seminar for the first seven weeks of the Summer Term.

The lectures are open to both graduate and undergraduate students. Admission to the seminar, which is for graduate students only, will be strictly by permission of Mr. Steuer.

Syllabus.—Introduction: the place of measurement and testing in the development of economic theory and a survey of the simple statistical tools used in subsequent case studies; testing the theory of the firm; measuring demand; measuring macro-economic relations

and testing macro-economic models of income and employment; testing the Cobb-Douglas production function; testing macro-economic theories of distribution; testing theories of international trade.

Recommended reading.—Students interested in particular topics will wish to consult some of the following references.

(i) *Introduction*: M. Friedman, *Essays in Positive Economics*, Essay I; T. Koopmans, *Three Essays on the State of Economic Science*, Essay 2; G. C. Archibald, "The State of Economics" (*British Journal of the Philosophy of Science*, 1959); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959) (both the Archibald and the Klappholz-Agassi articles contain critical summaries of the development of the methodological debate in economics); F. Mills, *Statistical Methods*.

(ii) *The Theory of the Firm*: L. Rostas, *Productivity, Prices, and Distribution in Selected British Industries*; R. Stein, "The Accuracy Power of the Marginal Productivity Theory of Wages" (*Review of Economic Studies*, 1958); G. C. Archibald, "Testing Marginal Productivity Theory" (*Review of Economic Studies*, 1960); R. L. Hall and C. J. Hitch, "Price Theory and Business Behaviour", reprinted in T. Wilson and P. W. S. Andrews (Eds.), *Oxford Studies in the Price Mechanism*; W. Baumol, "On the Theory of Oligopoly" (*Economica*, 1958).

(iii) *Demand*: K. Working, "What do Statistical Demand Curves Show?" in *Readings in Price Theory*, A.E.A.; H. Wold, *Demand Analysis: A Study in Econometrics*.

(iv) *Macro-Economic Relations and Models*: A. W. Phillips, "The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1861-1957" (*Economica*, 1958); R. G. Lipsey, "Unemployment and Wage Rates in the United Kingdom, 1861-1957. A Further Analysis" (*Economica*, 1960); T. J. Koopmans, *Three Essays on the State of Economic Science*, Essay 3; C. Christ, essay in *Income and Wealth*, Series VI.

(v) *The Cobb-Douglas Production Function*: E. H. Phelps Brown, "The Meaning of the Fitted Cobb-Douglas Production Function" (*Quarterly Journal of Economics*, 1957); C. W. Cobb and P. H. Douglas, "A Theory of Production" (*American Economic Review*, 1928); M. Bronfenbrenner and P. H. Douglas, "Cross-Section Studies in the Cobb-Douglas Production Function" (*Journal of Political Economy*, 1939).

(vi) *Macro-Economic Theories of Distribution*: N. Kaldor, "Alternative Theories of Distribution" (*Review of Economic Studies*, 1955-56); M. Kalecki, *Theory of Economic Dynamics*; M. Reder, "Alternative Theories of Labor's Share" in M. A. Abramowitz (Ed.), *The Allocation of Economic Resources*.

39. Topics in Welfare Economics. Dr. Mishan. Six lectures, Lent Term.

For graduate students and those interested in the subject.

Syllabus.—An examination of the various theoretical problems associated with resource allocation.

Recommended reading.—(a) Books: A. Marshall, *Principles of Economics*, Book III (8th edn.); A. C. Pigou, *The Economics of Welfare* (4th edn.); A. P. Lerner, *The Economics of Control* (first ten chapters); H. Myint, *Theories of Welfare Economics*; M. W. Reder, *Studies in the Theory of Welfare Economics*, Part I; W. Baumol, *Welfare Economics and the Theory of the State*; P. A. Samuelson, *Foundations of Economic Analysis*, Chap. 8; I. M. D. Little, *A Critique of Welfare Economics* (2nd edn.); K. Arrow, *Individual Choice and Social Values*; J. de V. Graaffe, *Theoretical Welfare Economics*; C. J. Oort, *Decreasing Costs as a Problem of Welfare Economics*; J. Rothenberg, *The Measurement of Social Welfare*. (b) Articles: R. F. Kahn, "Some Notes on Ideal Output" (*Economic Journal*, 1935); A. Bergson, "A Reformulation of Welfare Economics" (*Quarterly Journal of Economics*, 1938); J. R. Hicks, "Foundations of Welfare Economics" (*Economic Journal*, 1939); "The Four Consumers' Surpluses" (*Review of Economic Studies*, 1944); T. de Scitovsky, "A Note on Welfare Propositions in Economics" (*Review of Economic Studies*, 1941); J. R. Hicks, "The Valuation of the Social Income" (*Economica* 1940); P. A. Samuelson, "Evaluation of Real National Income" (*Oxford Economic Papers*, 1950); "The Simple Analytics of Welfare Maximisation" (*American Economic Review*, 1957); R. Lipsey and K. Lancaster, "The General Theory of

Second Best" (*Review of Economic Studies*, 1957); E. J. Mishan, "A Re-appraisal of the Principles of Resource Allocation" (*Economica*, 1957); "A Survey of Welfare Economics, 1939-1959" (*Economic Journal*, June 1960); E. J. Mishan, "Rent as a Measure of Welfare Change" (*American Economic Review*, June 1959); "Second Thoughts on Second Best" (*Oxford Economic Papers*, October 1962); "Welfare Criteria: Are Compensation Tests Necessary?" (*Economic Journal*, June 1963).

40. Trends in Allocation in the Modern Economy. Mr. Gervasi. Twelve lectures, Michaelmas and Lent Terms.

Recommended for graduates; undergraduates admitted by permission.

Syllabus.—The focus of the course is the problem of allocation in the long run, when investment and consumers' wants are variable. The lectures will attempt to analyse the forces determining the character of economic progress in the modern economy and to provide criteria for evaluating the patterns of allocation which emerge when high levels of per capita income are reached.

Recommended reading.—I. K. J. Arrow, *Social Choice and Individual Values*; W. J. Baumol, *Welfare Economics and the Theory of the State*; T. Haavelmo, "The Notion of Involuntary Economic Decisions", *Econometrica*, 1950; I. M. D. Little, *A Critique of Welfare Economics*; A. C. Pigou, *The Economics of Welfare*; L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*. II. F. M. Bator, *The Question of Government Spending*; R. A. Musgrave, *The Theory of Public Finance*; R. A. Musgrave and A. T. Peacock, *Classics in the Theory of Public Finance*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the U.K.* III. J. S. Duesenberry, *Income, Saving and the Theory of Consumer Behaviour*; R. Marris, *The Economics of Managerial Capitalism*; A. Marshall, *Principles of Economics*; L. L. Pasinetti, "Cyclical Fluctuations and Economic Growth", *Oxford Economic Papers*, 1960; E. T. Penrose, *The Theory of the Growth of the Firm*. IV. Editors of *Fortune*, *America in the Sixties*; J. K. Galbraith, *The Affluent Society*; F. C. Mills, *Productivity and Economic Progress*; W. Franklin and A. Tella, "Discretionary Income" (National Industrial Conference Board, Technical Paper No. 6); W. W. Rostow, *The Stages of Economic Growth*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; A. J. Youngson, *The Possibilities of Economic Progress*.

41. Seminar. A seminar will be held by Lord Robbins together with other members of the Economics Department. Admission will be strictly by permission of Lord Robbins, to whom applications should be addressed in writing before the end of the first week of the Michaelmas Term.

42. Seminar. Mr. Archibald, Dr. Mishan, Mr. Banerjee and Mr. Kuska will hold a seminar for graduate students. Its aim is to familiarise students with current economic analysis.

All new graduate students in economics are advised to obtain details from the Graduate Office.

Admission will be strictly by permission of Mr. Archibald.

II. APPLIED ECONOMICS
(including Monetary Economics, International Economics, Business Administration and Accounting, and Transport)

(a) General

44. **Applied Economics.** Professor Yamey. Eight lectures, Lent Term.

Restricted to Intermediate LL.B. students.
A syllabus will be given at the beginning of the course.

45. **The Structure of Industry.** Professor Yamey. Ten Lectures, Lent Term.

Optional for B.Sc. (Econ.) Part I; for B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year); B.A. Honours in Philosophy and Economics (Second Year). B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Diploma in Social Administration (First Year); Diploma in 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.

46. **Applied Economics: the Labour Market.** Professor Phelps Brown. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year) and B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—The labour market; deployment of the labour force; combinations and collective bargaining; public regulations; wage structures.

Recommended reading.—L. G. Reynolds, *Labor Economics and Labor Relations* (2nd edn.), Pt. II; D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. I; L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure*; (Baroness) B. Wootton, *The Social Foundations of Wage Policy*; E. H. Phelps Brown, "Wage Policy and Wage Differences", *Economica*, Nov. 1955; J. R. Hicks, "The Theory of Wage Differentials", Appx. to *Essays in World Economics*; J. T. Dunlop, *Wage Determination under Trade Unions*; Clark Kerr and L. G. Reynolds in J. T. Dunlop (Ed.), *The Theory of Wage Determination*; P. Ford, *The Economics of Collective Bargaining*; H. M. Douty, "Some effects of the \$1.00 minimum wage in the United States", *Economica*, Nov. 1960.

47. **The System of Public Finance.** Mr. Turvey. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year). B.A. Honours in Philosophy and Economics (Second Year). B.A. Honours in Geography—Subsidiary subject of Economics (First Year). For Diploma in Social Administration (First Year); Diploma in Public Administration.

Syllabus.—This course is designed to serve as an introduction to Public Finance. It will be primarily a description of the system of public finance and will cover such subjects as the problems of taxation and expenditure, the mechanism of Parliamentary control of finance, and the fiscal relations of central and local governments.

Recommended reading.—References will be given during the course.

48. **Recent Economic Developments.** Professor Paish. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year students); B.A. Honours in Philosophy and Economics (Second Year); and also for other students interested. For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year). For Diploma in Social Administration (Second Year); Diploma in Personnel Management.

Syllabus.—Population. National Income. Industrial Production. Money, Prices and Interest Rates. Money Wages and Real Wages. Foreign Trade. Balance of Payments and Exchange Rates. Employment and Unemployment. Government Finance. Saving and Investment.

Recommended reading.—A. J. Youngson, *The British Economy, 1920-1957*; W. A. Lewis, *Economic Survey, 1919-1939*; H. W. Arndt, *The Economic Lessons of the Nineteen-thirties*; *Report of the Royal Commission on Population, 1949* (Cmd. 7695); F. W. Paish, *Studies in an Inflationary Economy*; A. R. Prest, "National Income of the United Kingdom, 1870-1946" (*Economic Journal*, Vol. 58); A. L. Bowley (Ed.), *Studies in the National Income, 1924-1938*; G. D. N. Worswick and P. H. Ady (Eds.), *The British Economy in the Nineteen Fifties*; A. L. Bowley, *Wages, Earnings and Hours of Work, 1914-1947* (London and Cambridge Economic Service Special Memorandum No. 50); *Annual Financial Statements*; *National Income and Expenditure, 1963*; *United Kingdom Balance of Payments, 1960 to 1963* (Cmd.); U.K. Central Statistical Office, *Economic Trends* No. 113, Supplement, *Economic Report 1962*; N.E.D.C. Report, *Growth of the U.K. Economy to 1966*; *The Ministry of Labour Gazette*; *Board of Trade Journal*; *London and Cambridge Economic Service Bulletins*; *National Institute Review*.

49. **Problems of Applied Economics.** Professor Devons, Professor Phillips and Mr. Klappholz. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a (Third Year); B.A. Honours in Philosophy and Economics (Third Year).

50. **Short-term and Long-term Interest Rates.** Professor Paish. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive (Third Year); B.A. Honours in Philosophy and Economics (Third Year); Optional for B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c; also optional for special subject of Industry and Trade. For graduate students.

Syllabus.—General changes in interest rates. Differential changes in long-term and short-term rates. Relationship between long-term and short-term rates on simplified assumptions. Progressive removal of assumptions: fulfilment of expectations; certainty of expectations; perfect creditworthiness; absence of costs; absence of marketability; unanimity of expectations; competitive market; free market; unified market. Expectations and the concept of normality; adjustment of the concept of normality. Interest rates and the Quantity of Money. Long-term and short-term rates in the United Kingdom since 1890.

Recommended reading.—Reading will be recommended during the course.

51. Economics of Industry and Trade. Professor Yamey and Mr. Townsend. Thirty-six lectures, beginning in the Lent Term for Second-Year students and extending over four terms.

For B.Sc. (Econ.) Part II—*Industry and Trade*, I 8f; III 5; IV 5b.

Syllabus.—(a) The organisation of the allocation of resources: firms, markets, other institutions. Industry structure, market forms, and market behaviour. The objectives of firms. The growth of firms. (b) The recent history, structure and problems of selected branches of industry and trade and of selected markets. (c) Public policy in relation to industry and trade. The objectives and techniques of public policy. The relevance of economic theory. Public policy relating to industrial location, innovation, investment, the structure of industry including monopolies and restrictive practices, government-owned enterprises, stabilisation of commodity prices, and export trade.

Recommended reading.—A detailed reading list will be available at the beginning of the course.

52. Economics of Public Enterprise. Mr. Foldes. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Industry and Trade (Third Year); optional for B.Sc. (Econ.) Part II—*Industry and Trade*, I 8f; IV 5b (Third Year).

Syllabus.—The special problems of Government-owned and Government-controlled enterprises: including compensation for compulsory purchase, control by Parliament and Government, methods of organisation, control of competition and the determination of prices.

Recommended reading.—On Organisation and Finance: (i) General: *Reports of the Select Committees on Nationalised Industries* (synopsis in H.C. 116, 1962); *The Financial Obligations of the Nationalised Industries* (Cmnd. 1337, 1961); *Control of Public Expenditure* (Cmnd. 1432, 1961); Annual White Papers on Public Investment in Great Britain and Government Expenditure below the line; L. P. Foldes, "The Control of Nationalised Industries" (*Public Law*, Spring, 1957); A. Nove, "The Problem of Success Indicators in Soviet Industry" (*Economica*, Feb. 1958). (ii) On Individual Industries: R. H. Coase, *British Broadcasting: A Study in Monopoly*; *Report of the Committee on Broadcasting* (Cmnd. 1753, 1962); National Coal Board, *Report of the Advisory Committee on Organisation*, Feb. 1955 and *Revised Plan for Coal* (1959); *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmnd. 9672, 1956), also *Government Proposals* (Cmnd. 27, 1956); *Report of the Committee on National Policy for the Use of Fuel and Power Resources* (Cmd. 8647, 1952); *A Programme of Nuclear Power* (Cmd. 9389, 1955); *Railway Reorganisation Scheme* (Cmd. 9191, 1954); British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); British Railways Board, *The Reshaping of British Railways* (1963); *Report of the Committee of Enquiry into London Transport, 1955*; *Reports of the Iron and Steel Board*; D. Burn, *The Steel Industry, 1939-59*; *The Status of the Post Office* (Cmnd. 989, 1960); J. Hirschleifer and others, *Water*. See also recent legislation and Annual Reports of Public Corporations.

On Pricing: R. H. Coase, "The Economics of Uniform Pricing Systems" (*The Manchester School*, May, 1947); "The Marginal Cost Controversy" (*Economica*, Aug. 1946); W. A. Henderson, "The Pricing of Public Utility Undertakings" (*The Manchester School*, Sept. 1947); I. M. D. Little, *A Critique of Welfare Economics*; *The Price of Fuel*; G. Dessus, "The General Principles of Rate-fixing in Public Utilities" (*International Economic Papers* No. 1); M. Boiteux, "Peak-load Pricing" (*Chicago Journal of Business*, April 1960); R. G. Lipsey and K. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, Vol. XXIV, No. 1); H. S. Houttakker, "Electricity Tariffs in Theory and Practice" (*Economic Journal*, March, 1951); G. J. Ponsonby, "Towards a New Railway Charges Policy" (*Jnl. of the Institute of Transport*, Sept. 1954); L. P. Foldes, "Iron and Steel Prices" (*Economica*, Nov. 1956).

On Compensation: J. K. Eastham, "Compensation Terms for Nationalised Industry" (*The Manchester School*, Jan. 1948); R. H. Coase, "The Nationalisation of Electricity Supply in Great Britain" (*Journal of Land Economics*, Feb. 1950).

General Works: L. Gordon, *The Public Corporation in Great Britain*; W. A. Robson, *Nationalised Industry and Public Ownership*; J. R. Sleeman, *British Public Utilities*; H. S. Morrison, *Socialisation and Transport*; R. S. Edwards and H. Townsend, *Business Enterprise, its Growth and Organisation*; R. Kelf-Cohen, *Nationalisation in Britain*; A. H. Hanson (Ed.), *Nationalisation*; M. Shanks (Ed.), *The Lessons of Nationalisation*.

53. Labour: organisation and relations. Professor Phelps Brown. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a.

Syllabus.—The working population: deployment and mobility. Trade union structure: some international comparisons. Methods of wage determination: collective bargaining; wages councils; public control of wages; public action to settle disputes. Scientific management and work study. Methods of wage payment. Problems of wage structure; job evaluation. Studies in motivation and morale. Joint consultation. Use of statistical sources for the working population, wage rates and earnings, the cost of living, labour turnover.

Recommended reading.—S. and B. Webb, *Industrial Democracy*; A. E. C. Hare, *The First Principles of Industrial Relations*; 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*; H. S. Kirkaldy, "Industrial Relations in Great Britain" (*International Labour Review*, Vol. LXVIII, No. 6, Dec., 1953); P. Ford, *The Economics of Collective Bargaining*; B.P.P. 1953-54, *Report of a Court of Inquiry into a Dispute between employers and workmen in engineering* (Cmd. 9084); U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); A. Flanders, *Trade Unions*; E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts, *Trade Union Government and Administration in Great Britain*; 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*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; D. Sells, *British Wages Boards*; K. F. Walker, *Industrial Relations in Australia*; F. W. Taylor, *The Principles of Scientific Management*; W. Lloyd Warner and J. O. Low, *The Social System of the Modern Factory*; T. N. Whitehead, *The Industrial Worker*; F. J. Roethlisberger and W. J. Dickson, *Management and the Worker*; H. A. Landsberger, *Hawthorne Revisited*; S. Webb, *The Works Manager Today* (1917); D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Part I; I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*; C. W. Lyttle, *Wage Incentive Methods*; G. S. Walpole, *Management and Men*; E. Jaques, *The Changing Culture of a Factory*; H. A. Clegg, *A New Approach to Industrial Democracy*; P. Sargent Florence, *Labour*; U.K. Inter-departmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (revised edition).

54. Business Finance: Financial Institutions. Professor Paish. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c (Third Year).

Syllabus.—The Stock Exchange; issuing houses; insurance companies; investment trusts; building societies; hire purchase finance; bank credit; finance of foreign trade; official and semi-official financial institutions.

Recommended reading.—F. W. Paish, *Business Finance*; A. C. L. Day, *Outline of Monetary Economics*; H. B. Rose, *The Economic Background to Investment*; F. Lavington, *The English Capital Market*; N. A. D. Macrae, *The London Capital Market*; F. W. Paish, *Studies in an Inflationary Economy*, Chaps. 12-14; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*, Parts 1 and 3; J. H. B. Tew and R. F. Henderson, *Studies in Company*

Finance; Institute of Economic Affairs, *Not Unanimous; Report of the Committee on the Working of the Monetary System (Radcliffe Report, Cmnd. 827)*; N.I.E.S.R., *Company Income and Finance, 1949-53*; R. F. Henderson, *The New-Issue Market and the Finance of Industry*; M. S. Rix, *Stock Exchange Economics*; H. Wincott, *The Stock Exchange*; O. R. Hobson, *How the City Works*; F. W. Paish and G. L. Schwartz, *Insurance Funds and their Investment*; H. E. Raynes, *A History of British Insurance*; S. J. Lengyel, *Insurance Companies' Accounts*; L. G. Hodgson, *Building Societies*; Building Societies Association, *Reports of the Council*; R. Harris and A. Seldon, *Hire Purchase in a Free Society*; "Role of the Investment Trusts" (*The Economist*, 15 August, 1953, p. 467); C. O. H. Merriman, *Unit Trusts and How they work*; J. R. Cuthbertson, "Hire Purchase in the U.K." (*London and Cambridge Economic Service Bulletin*, No. 21, March, 1957); "Hire Purchase Controls and Fluctuations in the Car Market" (*Economica*, May, 1961); Industrial and Commercial Finance Corporation Ltd., *Annual Report 1962-63*.

The following may be used for reference: L. C. B. Gower, *The Principles of Modern Company Law*; F. E. Armstrong, *The Book of the Stock Exchange*; "National Income and Expenditure, 1963" (H.M.S.O.).

55. Financing Problems of Business. Mr. Grant. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Business Finance*, I 8j; III 8c (Third Year). Optional for students taking Accounting as their special subject.

Syllabus.—Factors influencing the demand and supply functions for capital facing the firm; policy formation in the light of these functions; capital structure and gearing; the measurement and evaluation of investment projects; the influence of risk; take-overs; timing of finance and the structure of market interest rates.

Recommended reading.—F. W. Paish, *Business Finance*; H. Bierman and S. Smidt, *The Capital Budgeting Decision*; Ezra Solomon, *The Management of Corporate Capital*.

Further specialised readings will be given as the course proceeds.

56. The Economics of Public Finance. Mr. Turvey and Mr. Wiseman. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Public Finance*, I 3f or 8c; II 8d (Second Year). Diploma in Public Administration. Also for graduate students in public finance.

Syllabus.—Analysis of the economic effects of government fiscal and monetary policies, including: (i) Partial and general equilibrium analysis of various taxes and subsidies; incidence, progression, etc.; (ii) Fiscal policy and the control of the economy; (iii) Economic theory of the public economy and of public expenditures; (iv) Problems of federal finance. These topics will be treated both analytically and in relation to British institutions and current problems.

Recommended reading.—A. R. Prest, *Public Finance in Theory and Practice*; A. Williams, *Public Finance and Budgetary Policy*; H. Brittain, *The British Budgetary System*; G. D. N. Worswick and P. H. Ady (Eds.), *The British Economy in the Nineteen Fifties* (chaps. 8 and 10); *Control of Public Expenditure* (Cmnd. 1432); U. K. Hicks, *British Public Finance: Its Structure and Development, 1880-1952*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom; Committee on the Working of the Monetary System (the Radcliffe Report)* (Cmnd. 827); R. N. McKean, *Efficiency in Government through Systems Analysis*; O. Eckstein, "A Survey of the Theory of Public Expenditure Criteria" (N.B.E.R. *Public Finance: Needs, Sources and Utilization*); A. T. Peacock and J. Wiseman, *Public Expenditure: Appraisal and Control*; T. H. Caulcott, "The Control of Public Expenditure" (*Public Administration*, Autumn 1956); R. A. Musgrave, *The Theory of Public Finance*; J. M. Buchanan, *The Public Finances*; B. Hansen, *The Economic Theory of Fiscal Policy*; R. A. Musgrave and C. S. Shoup (Eds.), *Readings in the Economics of Taxation*; K. Philip, *Intergovernmental Fiscal Relations*; R. A. Musgrave and A. T. Peacock (Eds.), *Classics in the Theory of Public Finance*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; W. J. Baumol, *Welfare Economics and the Theory of the State*; P. A. Samuelson, "Diagrammatic Exposition

of a Theory of Public Expenditures" (*Review of Economics and Statistics*, November, 1955); Royal Commission on the Taxation of Profits and Income, *Second Report* (Cmd. 9105) and *Final Report* (Cmd. 9474); N. Kaldor, *Expenditure Tax*; R. Turvey, "A Tax System Without Company Taxation" (*Lloyds Bank Review*, Jan. 1963); W. S. Vickrey, *Agenda for Progressive Taxation*; W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; H. C. Simons, *Personal Income Taxation*; K. Knorr and W. J. Baumol, *What Price Economic Growth*; A. R. Prest, *Reform for Purchase Tax* (Hobart Papers No. 8); Federation of British Industries, *Export Incentives*, 1962; R. Turvey, "Equity and a Capital Gains Tax" (*Oxford Economic Papers*, June, 1960); A. R. Ilersic, *The Taxation of Capital Gains*; A. C. Pigou, *A Study in Public Finance*; G. Myrdal, *The Political Element in the Development of Economic Theory*, Chap. VII; J. M. Buchanan, *Public Principles of Public Debt*; C. S. Shoup, "Debt Financing and Future Generations" (*Economic Journal*, Dec. 1962); A. R. Ilersic, *Relief for Ratepayers* (Hobart Papers No. 20); A. Morag, "Deflationary Effects of Outlay and Income Taxes" (*Journal of Political Economy*, June 1959); R. G. Lipsey and K. J. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, December, 1956); F. W. Paish, "The Real Incidence of Personal Taxation" (*Lloyds Bank Review*, January, 1957); R. Turvey, "Some Notes on Multiplier Theory" (*American Economic Review*, June, 1953); W. J. Baumol and M. H. Peston, "More on the Multiplier Effects of a Balanced Budget" (*American Economic Review*, March, 1955); American Economic Association, A. Smithies and J. Keith (Eds.), *Readings in Fiscal Policy; Income, Employment and Public Policy: Essays in Honor of Alvin Hansen* (Chaps. by Samuelson, E. Cary Brown, Bishop and Musgrave); A. T. Peacock (Ed.), *Income Redistribution and Social Policy*; A. D. Scott, "A Note on Grants in Federal Countries" (*Economica*, November, 1950); J. M. Buchanan, "Federalism and Fiscal Equity" (*American Economic Review*, September, 1950); J. Wiseman, "The Future of Local Government Finance" (*Lloyds Bank Review*, July, 1957); D. Dosser, "Tax Incidence and Growth" (*Economic Journal*, September, 1961); F. Modigliani, "Long run implications of alternative fiscal policies and the burden of the National Debt" (*Economic Journal*, December, 1961); L. Einaudi, "On the Methodology of the Theory of Tax Capitalization" (*International Economic Papers*, Vol. 7); P. Streeten, "The Effect of Taxation on Risk-Taking" (*Oxford Economic Papers*, October, 1953); C. A. Hall and J. Tobin, "Income taxation, output and prices" (*Economia Internazionale*, February, 1956); C. Shoup, "Tax Tension and the British Fiscal System" (*National Tax Journal*, March, 1961); P. H. Pearse, "Automatic Stabilization and the British Taxes on Income" (*Review of Economic Studies*, February, 1962).

Further references will be given during the course.

57. Economic Aspects of British Social Services. Mr. Wiseman. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Public Finance*, I 3f or 8c; II 8d (Second or Third Year); for graduate students in public finance and related subjects. For Diploma in Public Administration.

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.

Recommended reading.—N. P. Hall, *The Social Services of Modern England; Social Insurance and Allied Services* (Cmd. 6404); A. G. B. Fisher, *Economic Progress and Social Security*; A. T. Peacock, *The Welfare Society* (The Unservile State Papers, No. 2); J. H. Richardson, *Economic and Financial Aspects of Social Security*; R. M. Titmuss, *Problems of Social Policy*; W. Hagenbuch, *Social Economics*; R. A. Solo (Ed.), *Economics and the Public Interest*; A. M. Cartter, *The Redistribution of Income in Post-war Britain*; A. T. Peacock, *Income Redistribution and Social Policy*; B. de Jouvenel, *The Ethics of Redistribution*; E. Seligman, *Progressive Taxation in Theory and Practice*; W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; J. Wiseman, "The Government Pension Plan" (*London and Cambridge Economic Service*, March, 1959); J. Wiseman, "Pensions in Britain" (*Finanz Archiv*, 1959); F. W. Paish and A. T. Peacock, "Economics of Dependence, 1952-1982" (*Economica*, November, 1954); *Provision for Old Age* (Cmnd. 538); *National Superannuation* (Labour Party, London); *Security for Our Pensioners* (Liberal Party, London); A. T. Peacock, *The Economics of National Insurance*; A. Seldon, *Pensions in a Free Society* (Institute of Economic

Affairs); A. T. Peacock, "The Economics of National Superannuation" (*Three Banks Review*, September, 1957); J. Vaizey, *The Cost of Education*; J. Wiseman, "The Economics of Education" (*Scottish Journal of Political Economy*, February, 1959, and subsequent discussion); A. T. Peacock and J. Wiseman, "The Finance of State Education in the United Kingdom" (*Year Book of Education*, 1956); J. Wiseman, "The Future of Local Government Finance" (*Lloyds Bank Review*, July, 1957); B. Abel Smith and R. M. Titmuss, *The Cost of the National Health Service*; King Edward's Hospital Fund, *Report on Costing Investigation for the Ministry of Health*; Nuffield Provincial Hospitals Trust, *Report of an Experiment in Hospital Costing*; F. Roberts, *The Cost of Health*; J. P. Martin, *Social Aspects of Prescribing*; R. A. Kessel, "Price Discrimination in Medicine" (*Journal of Law and Economics*, October, 1958); W. Hagenbuch, "The Welfare State and its Finances" (*Lloyds Bank Review*, July, 1958); D. S. Lees, "The Economics of Health Services" (*Lloyds Bank Review*, April, 1960); W. C. Peterson, *The Welfare State in France*.

58. The Economics of the Labour Market. Professor Phelps Brown. Ten lectures, Michaelmas Term.

For B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Also for Diploma in Social Administration (First Year), Diploma in Personnel Management, Engineers and Applied Scientists.

Syllabus.—The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. Methods of wage payment: work study; incentives. 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*; L. G. Reynolds and C. M. Taft, *The Evolution of Wage Structure*; D. J. Robertson, *Factory Wage Structure and National Agreements*; I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*.

59. The Economics of Labour. Professor Phelps Brown and Mrs. J. Marquand. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economics of Labour*, I 8h; III 6b.

Syllabus.—*First ten lectures* (Professor Phelps Brown). The movements of the general level of money wage-rates in the course of history, and the causes of movement and stability. Analysis of the causes and effects of movements in rates of pay under full employment.

The movement of the general level of real earnings: the analysis of the distribution of the national product between labour and other factors of production in the course of economic growth.

Second ten lectures (Mrs. J. Marquand). The determination of the rates of pay in particular jobs at a given time: the analysis of the demand for and the supply of labour in particular employments. Forms of the labour market. Reasons for differentials, and for the course of change in them since 1914. The effects of trade unions on the relative rates of pay in different jobs; analysis of bargaining power.

Recommended reading.—E. H. Phelps Brown and S. V. Hopkins, "Seven Centuries of Building Wages", *Economica*, August, 1955, "Seven Centuries of the Prices of Consumables, compared with Builders' Wage-rates", *Economica*, November, 1956, "Wage-rates and Prices: evidence for population pressure in the 16th Century", *Economica*, November, 1957; U.K. Council on Prices, Productivity and Incomes, *First Report*, 1958, *Fourth Report*, 1961; L. A. Dicks-Mireaux and J. C. R. Dow, "The Determinants of Wage Inflation, U.K. 1946-56", *Journal of the Royal Statistical Society (A)*, 2, 1959; J. M. Clark, *The Wage-Price Problem*; A. M. Cartter, *Theory of Wages and Employment*; D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. II; E. H. Phelps Brown and P. E. Hart, "The Share of Wages in National Income", *Economic Journal*, June, 1952; R. M.

Solow, "A Skeptical Note on the Constancy of Relative Shares", *American Economic Review*, September, 1958; P. H. Douglas, "Are there Laws of Production?", *American Economic Review*, March, 1948; E. H. Phelps Brown, "The Meaning of the Fitted Cobb-Douglas Function", *Quarterly Journal of Economics*, November, 1957; N. Kaldor, "Alternative Theories of Distribution", *Review of Economic Studies*, March, 1956; D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. I; (Baroness) B. Wootton, *The Social Foundations of Wage Policy*; L. G. Reynolds and C. Taft, *The Evolution of Wage Structure*; H. A. Turner, "Trade Unions, Differentials and the Levelling of Wages", *Manchester School*, September 1952; R. Livernash, "The Internal Wage Structure", in G. W. Taylor and F. C. Pierson (Eds.) *New Concepts in Wage Determination*; W. H. Sales and J. L. Davis, "Introducing a New Wage Structure into Coal Mining", *Oxford University Institute of Statistics Bulletin*, August 1957; S. W. Lerner and J. Marquand, "Workshop Bargaining, Wage Drift and Productivity in the British Engineering Industry", *Manchester School*, January 1962; E. H. Phelps Brown, "Wage Drift", *Economica*, November 1962; L. G. Reynolds, *The Structure of Labor Markets*; G. P. Shultz, "Recent Research on Labor Mobility", in *Industrial Relations Research Association, Proceedings of the Fourth Annual Meeting*; D. Cullen, "Interindustry Wage Structure", *American Economic Review*, June 1956; A. M. Ross and W. Goldner, "Forces Affecting the Interindustry Wage Structure", *Quarterly Journal of Economics*, May 1950; H. M. Levinson, "Unionism, Wage Trends and Income Distribution", *University of Michigan Business Studies*, Vol. 10 No. 4; T. C. Schelling, "An Essay on Bargaining", *American Economic Review*, June 1956; "Principles of Pay", in *Report of Royal Commission on the Civil Service, 1953-55* (Ch. IV, Cmd. 9613 of 1955); H. M. Levinson, "Post-war Movement of Prices and Wages in Manufacturing Industries", *U.S.A. 86th Congress, Joint Economic Committee, Study Paper No. 21*, 1960.

60. Agricultural Economics. Mr. Joy. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Agricultural Economics*, I 8g (Third Year). This course is recommended for graduate students in Geography specializing in the Geography of Agriculture; and as an optional course for final-year B.Sc. (Econ.) Part II students in Geography.

Syllabus.—The theory of the firm applied to problems of farm decision making especially with regard to farm resource allocation, choice of product, intensity of operation, scale, investment and conservation; the elements of programming will be introduced and consideration given to the implications of uncertainty.

Supply analysis in agriculture.

The influence of agricultural institutions on farming patterns with special reference to land tenure, credit, co-operation, and marketing.

The structure and composition of U.K. agriculture compared to other countries—advanced and backward.

Agriculture in the national economy—its role in different stages of economic development. Agricultural policy issues in the U.K. and abroad. International problems of commodity marketing and surplus disposal.

Recommended reading.—PRODUCTION ECONOMICS: C. E. Bishop and W. D. Toussaint, *Introduction to Agricultural Economic Analysis*; E. O. Heady and W. Candler, *Linear Programming Methods*; E. O. Heady and H. R. Jensen, *Farm Management Economics*; E. O. Heady et al. (Eds.) *Economic and Technical Analysis of Fertilizer Innovation and Resource Use*; E. O. Heady and J. Dillon, *Agricultural Production Functions*; E. O. Heady et al. (Eds.), *Resource Productivity, Returns to Scale, and Farm Size*; A. D. Scott, *Natural Resources: The Economics of Conservation*; W. W. Yang, *Methods of Farm Management Investigation*.

SUPPLY ANALYSIS: E. O. Heady et al. (Eds.), *Agricultural Supply Functions*; R. L. Mighell and J. D. Black, *Interregional Competition in Agriculture*; G. G. Shepherd, *Agricultural Price Analysis* (5th edn.); G. G. Shepherd, *Marketing Farm Products* (4th edn.); F. L. Thomsen and R. J. Foote, *Agricultural Prices*; M. Nerlove, *Dynamics of Supply*.

INSTITUTIONS: H. Belshaw, *The Provision of Credit*; H. Belshaw, *Agricultural Credit in Economically Underdeveloped Countries* (F.A.O. Agricultural Studies, No. 46); U.N., *Rural Progress Through Co-operatives*; G. R. Allen, *Agricultural Marketing Policies*; J. C. Abbott,

Marketing Problems and Improvement Programs (F.A.O. Marketing Guides, No. 1); F. V. Waugh, *Readings on Agricultural Marketing*; F. A. O., *The Role of Marketing Boards for Export Crops in Developing Countries*.

STRUCTURE: *The Agricultural Register*; I.C.I., *Agriculture in the British Economy*; D. Burn (Ed.), *The Structure of British Industry* (Chapter on Agriculture by J. R. Raeburn); U.N., *The State of Food and Agriculture*.

AGRICULTURE IN THE NATIONAL ECONOMY: E. M. Ojala, *Agriculture and Economic Progress*; T. W. Schultz, *The Economic Organisation of Agriculture*.

AGRICULTURAL POLICY: E. O. Heady et al. (Eds.), *Adjustments in Agriculture*; E. O. Heady, *Agricultural Policy Under Economic Development*; G. McCrone, *The Economics of Subsidising Agriculture: A Study of British Policy*; E. H. Whetham, *A Record of Agricultural Policy*; F.A.O., *An Enquiry into the Problems of Agricultural Price Stabilization and Support Policies*; F.A.O., *Functions of a World Food Reserve* (Commodity Policy, Study No. 10); F.A.O., *Agricultural Programming*.

The above books are suggested for selective reading. More specific references to these works will be offered during the course. Articles will also be recommended mainly from the following journals; *Journal of Farm Economics*; *Stanford Food Research Institute Studies*; *Journal of Agricultural Economics* and *The Farm Economist*.

61. Economics. Professor Sayers, Professor Devons and Professor Phelps Brown (day); Mr. Alford, Professor Yamey and Mr. Klappholz (evening). Thirty lectures, sessional, for second-year students and ten lectures, Michaelmas Term, for third-year students.

For B.Sc. (Econ.) Part II, paper 1 for V, VI, VII, VIII, XI, XII, XIII, and XIV. Also forty lectures for B.A./B.Sc. (Sociology) second-year students under the revised regulations.

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.

- (a) Professor Sayers: Fifteen lectures, Michaelmas and Lent Terms (Second Year).
The national income; total demand; savings and investment.
The capital market; banking and financial institutions.
International economics: international trade and its control; the external balance; the valuation of national currencies; international economic institutions; economic integration.
- (b) Professor Devons: Fifteen lectures, Lent and Summer Terms (Second Year).
The distribution of the national income between factors of production.
The structure of the economy; the public sector, including nationalised industries; the private sector, manufacturing and mining, transport, distribution of goods, market structures.
The labour market; deployment of the labour force; combinations and collective bargaining; public regulation; wage structures.
The government and the private sector: location policy, monopoly policy, agricultural policy; the control of the use of natural resources; other instances of intervention.
- (c) Professor Phelps Brown. Ten lectures, Michaelmas Term (Third Year).
The economics of social policy, including housing, rents, pensions, and unemployment insurance.
Economic growth.
Planning: the mixed economy; the socialist economy.

Recommended reading.—The following are recommended for preliminary reading: G. C. Allen, *The Structure of Industry in Britain*; A. K. Cairncross, *Introduction to Economics* (Part II); A. C. L. Day, *The Economics of Money* (Home University Library); E. Devons,

Essays in Economics (essays No. 1, 2, 6 and 7); R. and G. Stone, *National Income and Expenditure*; J. H. B. Tew, *International Monetary Co-operation*; *Report of the Committee on the Working of the Monetary System* (Cmnd. 827), chaps. 4 and 5.

Further reading will be recommended during the course.

- 62. Public Finance (Class).** Mr. Turvey will hold a weekly class during the Lent Term for candidates taking the Public Finance Option in the B.Sc. (Econ.) Part II examinations.
- 63. Business Finance (Class).** Professor Paish will hold a series of classes for those B.Sc. (Econ.) Part II Third Year students who are taking the optional subject of Business Finance.
- 64. Industry and Trade Class.** Mr. Ayre and Professor Sir Arnold Plant will conduct a class for students taking the Special subject of Industry and Trade in Part II of the B.Sc. (Econ.).
- 65. Economics of Industry Classes.** Professor Yamey and others will hold a series of classes for B.Sc. (Econ.) Part II students taking the Special Subject of Industry and Trade or the optional paper Industry and Trade in the Special Subjects of Economics, Analytical and Descriptive, and Accounting.
- 66. Problems of Applied Economics.** A class will be held for B.Sc. (Econ.) Part II students taking *Problems of Applied Economics*, I 5; II 5; IV 5a.
- 67. Economics.** Classes will be arranged in connexion with Course No. 61.

FOR GRADUATE STUDENTS

- 70. Finance (Seminar).** Professor Paish will conduct a seminar for graduate students of Public Finance, Business Finance and related subjects. The seminar will be held fortnightly during the Michaelmas and Lent Terms and admission will be by permission of Professor Paish.
- 71. Seminar in Labour Problems.** Professor Phelps Brown, Professor Roberts and Mr. Steuer will hold a seminar throughout the session, on problems of the economics of labour and industrial relations. Admission will be by permission of Professor Phelps Brown, Professor Roberts and Mr. Steuer.

(b) Monetary Economics

80. **Sources of Current Economic Statistics.** Mr. Alford. Five classes, Summer Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Second Year).

Syllabus.—The use of the main sources of statistical information on national income, the balance of payments, Exchequer financing, etc.

Recommended reading.—Reference may be made to R. F. G. Alford, "The U.K. Economic Position—a Guide to the Sources", *Bankers' Magazine*, March, 1963. Further references will be given during the course.

81. **English Monetary History since 1914.** Mr. Day. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Second Year). Recommended for graduate students.

Recommended reading.—J. H. Clapham, *The Bank of England*; R. G. Hawtrey, *A Century of Bank Rate*; T. E. G. Gregory, *British Banking Statutes and Reports*; Report of the Committee on Finance and Industry (Cmd. 3897, 1931); E. V. Morgan, *Studies in British Financial Policy, 1914–25*; E. Nevin, *The Mechanism of Cheap Money*; R. S. Sayers, *Central Banking after Bagehot*; *Financial Policy, 1939–45*; Sir Henry Clay, *Lord Norman*; L. V. Chandler, *Benjamin Strong*.

82. **U.S.A. Monetary Institutions since 1914.** Professor Sayers and Mr. Grant. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year). Recommended for graduate students.

83. **International Monetary Experience.** Dr. Pressnell. Ten lectures, Michaelmas and Lent Terms. (Beginning in 6th week of Michaelmas Term.)

For B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year). Recommended for graduate students.

84. **Central Banking.** Dr. Pressnell. Ten lectures, Lent Term.

For graduate students. Optional for B.Sc. (Econ.) Part II—*Monetary Institutions*, II 7 (Third Year).

85. **Monetary Analysis.** Mr. Alford. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

Syllabus.—The flow-of-funds approach. Banks and other financial intermediaries. Monetary Policy.

Recommended reading.—U.K. Committee on the Working of the Monetary System (*The Radcliffe Report*, Cmd. 827, 1959); *Bank of England Quarterly Bulletin*, current numbers. Other references will be given as the course proceeds.

86. **Theory of International Monetary Economics.** Mr. Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

87. **The Development of Monetary Theory.** Mr. Day. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

It is important that students should have attended course no. 12.

88. **Current Monetary Problems.** Mr. Alford and Mr. Day. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year). Recommended for graduate students.

Syllabus.—The topics to be covered and relevant reading will be announced at the beginning of the course.

89. **Monetary Economics (Seminar A).** Professor Sayers and Dr. Pressnell will hold a seminar for B.Sc. (Econ.) Part II students, specialising in Monetary Economics (Second Year). The seminar will be held for one-and-a-half hours weekly during the Summer Term.

90. **Monetary Economics (Seminar B).** Professor Sayers and others will hold a seminar for *all* students (B.Sc. (Econ.) Second and Third Years and graduates) specialising in Monetary Economics. The seminar will be held for one-and-a-half hours weekly during the Michaelmas Term (beginning in second week).

91. **Monetary Economics (Seminar C).** Professor Sayers and Dr. Pressnell will hold a seminar, for B.Sc. (Econ.) Part II (Third Year) students, taking Special Subject II—Monetary Economics, for one-and-a-half hours weekly during the Lent Term.

92. **Advanced Monetary Economics (Seminar).** Professor Sayers and Mr. Day will hold a seminar for graduate students. It will be given by Mr. Day in the Lent Term and by Professor Sayers in the Summer Term, for one-and-a-half hours weekly. Admission will be strictly by permission of Professor Sayers, to whom written applications must be addressed.

93. **Monetary Theory (Class).** A class will be held by Mr. Grant weekly in the Michaelmas and Lent Terms, beginning in the third week of the Michaelmas Term, for students taking the B.Sc. (Econ.) Part II—*Principles of Monetary Economics*, I 8i; II 6 (Third Year).

94. **International Monetary Economics (Class).** Mr. Steuer will hold a series of ten classes of one hour each in the Lent Term, in connection with course 86.

(c) **International Economics, Regional Studies and Economic Development**

102. International Economics. Mr. Steuer. Twenty-five lectures, beginning in the Summer Term for second-year students and continuing during the Michaelmas and Lent Terms for third-year students.

For B.Sc. (Econ.) Part II—*International Economics*, I 8e; II 8b. The first five lectures in Summer Term are also for *Economic Principles*, I 4; II 4; III 1; IV 4; IX 1a; X 1a, and B.A. Honours in Philosophy and Economics (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

FOR GRADUATE STUDENTS

103. International Trade Statistics and the Structure of International Trade. Professor Devons. Six lectures, Michaelmas Term.

For graduate students.

Syllabus.—The main sources of international trade statistics and payments. The structure of world trade. Recent trends in international trade. Price movements and the terms of trade.

Recommended reading.—United Nations, G.A.T.T., E.C.E., O.E.C.D. publications and reports.

104. Current Topics in International Trade Policy. Professor Devons. Eight lectures, Lent Term.

For graduate students.

105. International Trade. Dr. Makower. Fifteen lectures, Michaelmas and Lent Terms.

This course will deal with the theory of international trade, emphasising the real as distinct from monetary factors.

A reading list will be issued during the course.

106. Problems of Economic Growth in Underdeveloped Countries. Prof. Bauer, Dr. Penrose, Mr. Joy and Mr. Cassen. Eighteen lectures, [Michaelmas and Lent Terms].

For graduate students.

Syllabus.—The main economic characteristics of underdeveloped countries. The requirements of economic growth. Forces influencing economic growth in underdeveloped countries. Problems of state influence on economic growth.

Recommended reading.—W. A. Lewis, *The Theory of Economic Growth*; R. Nurkse, *Problems of Capital Formation in Underdeveloped Countries*; J. Viner, *International Trade and Economic Development*; B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas*; East Africa

Royal Commission, 1953–55, *Report* (Cmd. 9475, 1955); H. Leibenstein, *Economic Backwardness and Economic Growth*; A. O. Hirschman, *The Strategy of Economic Development*; P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries*; G. M. Meier and R. E. Baldwin, *Economic Development*; C. P. Kindleberger, *Economic Development*; A. D. Knox, "Problems of Economic Growth in the Underdeveloped Countries" (*Bankers' Magazine*, January, 1961); A. H. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment*.

Further references will be given during the lectures.

107. Economic Planning in Underdeveloped Countries. Mr. Cassen. Eighteen lectures, Michaelmas and Lent Terms.

For graduate students; also suitable for undergraduates interested in this subject.

Syllabus.—This course will consist of the description and analysis of the problems of economic planning in underdeveloped countries. After an introduction to the generality of planning problems, the lectures will examine certain techniques of economics peculiarly useful to planning; subsequently the course will cover such topics as the role of government, aggregate and sectoral plans, centralisation and decentralisation, location, and the ownership and organisation of enterprises, illustrated by reference to the experience of particular countries.

Recommended reading.—Acquaintance with standard textbooks on economic development will be assumed. A bibliography to cover background knowledge of the subject of planning and the countries in question will be provided during the lectures.

108. The Soviet Economy and Soviet Economics. Lecturer to be announced. Fifteen lectures.

For graduate students; also suitable for undergraduates interested in this subject.

Syllabus.—How the Soviet economy works. The basic structure of the economy. The state enterprise. Collective farms. State planning and administrative organs. Labour and wages. Public finance. Political direction and economic decisions. The priority of growth.

Development of Soviet economic theory. Value and prices. Managerial incentives and the profit motive. Investment criteria. Rationality in a planned economy in the light of Soviet experience.

Recommended reading.—A bibliography will be recommended in the course of the lectures.

109. The Development of Soviet Planning Instruments and Techniques. Dr. Zauberman. Eight lectures, Lent and Summer Terms.

Syllabus.—This course will deal with the development of Soviet planning instruments and techniques since the 1920's with special reference to the use of mathematics and econometrics in planning. Special attention will also be paid to recent developments in Soviet economics, including rethinking on Marxist reproduction models.

Recommended reading.—E.C.E., U.N., "A Note on the Introduction of Mathematical Techniques into Soviet Planning", *Economic Bulletin for Europe*, No. 1, 1960; G. Grossman, "Soviet Growth: Routine, Inertia and Pressure", *American Economic Review*, May, 1960; M. C. Kaser, "The Nature of Soviet Planning", *Soviet Studies*, October, 1962; O. Lange, *Introduction to Econometrics*; H. Levine, "Input-output Analysis and Soviet Planning", *American Economic Review*, May, 1962; J. M. Montias, "Planning with Material Balances in Soviet-type Economies", *American Economic Review*, December, 1959; V. S. Nemchinov, "Some Aspects of the Balance-Sheet Method as Applied in the Statistics of Interdependent Dynamic Economic Systems", *Bulletin de l'Institut International de Statistique*, 1960; "The Interindustry Production and Distribution Balance Sheet as a Macro-Economic Model of Optimal Programming", *Bulletin de l'Institut International de Statistique*, 1961;

"The Use of Statistical and Mathematical Methods in Soviet Planning", in T. Barna (Ed.), *Structural Interdependence and Economic Development*; A. Nove, *The Soviet Economy*, Pt. II; N. Spulber, *The Soviet Economy*, chaps. 2, 3; P. J. D. Wiles, *The Political Economy of Communism*, Pt. II; B. Ward, "Kantorovich on Economic Calculation", *Journal of Political Economy*, December, 1960; A. Zauberman, "New Winds in Soviet Planning", *Soviet Studies*, July, 1960; "The Present State of Soviet Planometrics", *Soviet Studies*, July, 1962; "The Soviet and Polish Quest for a Criterion of Investment Efficiency", *Economica*, August, 1962; "A Few Remarks on a Discovery in Soviet Economics", *Bulletin of the Oxford University Institute of Statistics*, No. 4, 1962.

110. Economic Development of the Middle East. Dr. Penrose. Eight lectures, Lent Term.

Syllabus.—Case studies in economic development with special reference to the Middle East. Economic characteristics of the area. Changes in the structure of the various economies with emphasis on capital investment, technology and economic institutions. Role of trade and finance. Special problems of the Arab Middle East.

Recommended reading.—United Nations, *Economic Developments in the Middle East, 1945-61*; D. Warriner, *Land Reform and Development in the Middle East*; H. A. R. Gibb and H. Bowen, *Islamic Society and the West*, Pt. I; I.B.R.D., *The Economic Development of Syria, Libya, Iraq, Jordan, Turkey* (5 books); G. Lenczowski, *Oil and State in the Middle East*; J. Hartshorn, *Oil Companies and Governments*; A. K. S. Lambton, *Landlord and Peasant in Persia*; A. J. Meyer, *Middle Eastern Capitalism*.

Further reading will be suggested as the course proceeds.

111. The International Petroleum Industry—Economics and Politics. Dr. Penrose. Eight lectures, Michaelmas Term.

Syllabus.—International petroleum industry outside of the United States and the Soviet bloc. Characteristics of supply, demand and trade. Organisation of the industry. Pricing. Problems of controlling supplies. Special problems of exporting and importing countries. Political significance.

Recommended reading.—M. C. De Chazeau and A. E. Kahn, "Integration and Competition in the Petroleum Industry", *American Petroleum Institute, Petroleum Monograph Series*, Vol. 3; U.N. Economic Commission for Europe, *The Price of Oil in Western Europe*; P. H. Frankel, *Essentials of Petroleum*; *Oil: The Facts of Life*; G. Lenczowski, *Oil and State in the Middle East*; W. Levy, "World Oil in Transition", *The Economist*, 1961; O.E.E.C., *Europe's Growing Needs of Energy; Towards a New Energy Pattern in Europe*; B. Shwadran, *The Middle East, Oil, and Great Powers*; U.S. Federal Trade Commission, *The International Petroleum Cartel*; M. Adelman, *The Supply and Price of Natural Gas*; S. Longrigg, *Oil in the Middle East*; J. E. Hartshorn, *Oil Companies and Governments*; British Petroleum, Ltd., *Our Industry*.

Further reading will be suggested as the course proceeds.

112. Latin American Economic Development. Mr. Díaz-Rey. Nine lectures, Michaelmas Term, at University College for graduate students.

Syllabus.—The demographic situation and its impact on development: the nature of the increase in the rate of population growth; rural-urban imbalances; the economics of the age-composition and of the structure of employment.

Agriculture: the internal sector as a deterrent to balanced development; the external sector and the deterioration of the terms of trade.

Industrialisation: import substitution and external vulnerability; the manpower flow and the absorptive capacity constraints. Economic integration: the Latin American Free Trade Area; the Central American Common Market.

The process of development and the supply and use of resources: GNP and imports; consumption, domestic capital formation and exports; input-output analysis, productivity and ICOR; the structural approach to inflation; planning, growth and stability.

Recommended reading.—A bibliography will be circulated during the course of the lectures.

113. Seminar on International Trade. Professor Devons will hold a seminar on International Trade throughout the session. Admission will be restricted to graduate students working on this subject. Those wishing to attend should write to Professor Devons.

114. Seminar in International Economics. (a) Mr. Shaffer will hold a weekly seminar throughout the session for first-year M.Sc. (Econ.) students. (b) Mr. Steuer will hold a weekly seminar throughout the session for second-year M.Sc. (Econ.) students.

115. Seminar on the Economics of Underdeveloped Countries. Professor Bauer will hold a seminar on this subject throughout the session. Admission will normally be restricted to graduate students working on this subject and will be by permission of Professor Bauer, to whom application should be made in writing.

116. Agricultural Economics—Aspects of Policy in Developed and Underdeveloped Countries (Seminar). Mr. Joy. Lent and Summer Terms.

Primarily intended for graduate students, but open to undergraduates by permission.

(a) Lent Term. Underdeveloped countries.

(b) Summer Term. Developed countries.

117. Agricultural Economics—Theory and Research Seminar. Mr. Joy. Michaelmas and Lent Terms.

Primarily intended for graduate students, but open to undergraduates by permission.

(a) Michaelmas Term. Economic theory in relation to agriculture.

(b) Lent Term. Research method in agricultural economics.

118. Economic Problems of the Communist World. Dr. Zauberman. A seminar will be held fortnightly throughout the session, for graduate students. Admission will be strictly by permission of Dr. Zauberman.

119. Seminar on Economic Problems of the Middle East. Dr. Penrose will hold a seminar in the Michaelmas and Lent Terms for research students on Economic Problems of the Middle East. Students wishing to attend this seminar should apply to Dr. Penrose.

- 120. Seminar on the International Petroleum Industry.** Dr. Penrose and Dr. Odell will hold a seminar for research students in the Summer Term on the economics of the international petroleum industry.
- 121. Problems of Indian and Pakistani Economic Development (Seminar).** Dr. Anstey will hold a weekly seminar during the session. Admission will be by permission of Dr. Anstey.
- 122. Seminar on Economic Problems in Latin America.** Mr. Díaz-Rey will hold a seminar at University College, fortnightly throughout the session, for graduate students. Admission will be by permission of Mr. Díaz-Rey.

(d) Business Administration and Accounting

- 125. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.** Mr. Foldes and Professor Yamey. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Business Administration*, III 4; IV 2b (Third Year); and for Diploma in Personnel Management.

Syllabus.—The lectures will include the following topics:—The purpose and structure of business organisation, both inside and outside the business unit; a comparison of practice as regards organisation in the principal branches of business enterprise.

The special features of the organisation and of the administrative and economic problems of large-scale businesses:—The delegation of functions, the allocation of responsibility, and the machinery of control. The specialised forms of organisation within the business unit for (a) management and the determination of business policy, (b) purchasing, (c) manufacturing, (d) finance, (e) selling, (f) recruitment, promotion and retirement of staff.

Buying, financing and selling policy in various conditions of the market, with special reference to the price problems of industrialists and wholesale and retail traders.

The effects of predictable and non-predictable variations in demand and supply on the operation of a business.

Trade associations and Government policy.

Recommended reading.—Detailed references to books will be made as the course proceeds.

- 126. An Introduction to the Theory of Business Decisions.** Mr. Foldes. Eight lectures, Michaelmas Term. (This course will not be given in the session 1963–64).

For B.Sc. (Econ.) Part II—*Business Administration*, III 4; IV 2b (Third Year); and for Diploma in Operational Research.

Syllabus.—Decision procedures for an individual entrepreneur. Linear and other special models which facilitate computation. Influence of time and uncertainty. Division of labour in decision-making. Delegation and co-ordination, with special reference to financial problems.

Recommended reading.—References will be given during the course.

- 127. Some Problems in Business Administration.** Mr. J. R. Gould. Six lectures, Michaelmas Term. (This course will not be given in the session 1963–64; it will be given in 1964–65.)

For B.Sc. (Econ.) Part II—*Business Administration*, III 4; IV 2b (Third Year).

Syllabus.—Each lecture will be concerned with the analysis of a specific business problem, for example, internal pricing, make or buy.

Recommended reading.—References will be given during the course.

- 132. Economics for Engineers and Applied Scientists.**

The object of this course is to provide an introductory knowledge of economics in relation to industry, and of business organisation. It is intended primarily for university students of science and engineering who have completed, or are completing, their first degree work.

Syllabus.—

- The Structure of Industry. (For detailed syllabus see course No. 45.) Professor Yamey. Lent Term.
- The Economics of the Labour Market. (For detailed syllabus see course No. 58.) Professor Phelps Brown. Michaelmas Term.
- Business Organisation and Finance: the forms of business enterprise—firms, companies, etc.; the sources of finance and forms of capitalisation; the functions and limitations of accounting; the behaviour of security prices. Mr. Rose. Michaelmas Term.
- Economic Analysis and its Applications: this course will introduce the principles of economics. Mr. Townsend and Mr. Klappholz. Michaelmas and Lent Terms.
- Industrial History. (For detailed syllabus see course No. 268.) Dr. Coleman. Lent Term.

Selected graduate students from this course will be admitted to the evening seminar on Problems in Industrial Administration (see course No. 162), conducted by Professor Edwards.

Supplementary lectures in the economics of labour, accounting, business finance, etc., will be recommended for those students who are able to devote additional time to the course.

- 133. Accounting I.** Professor Edey and Mr. Bird. Nine lectures and nine classes (two hours per week), Michaelmas Term. (This course will be given in the day and in the evening in the session 1963–64.)

For B.Sc. (Econ.) Part II (Second year)—*Accounting*, IV 7 and 8; *Economic Statistics and Business Accounts*, III 3; IV 3; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; *Data Processing including Elements of Accounting*, X 6 and 7b; also for Diploma in Operational Research.

Syllabus.—The balance sheet and the profit and loss account. Assets and finance. Principles of double-entry book-keeping. Accounting valuation concepts and their relation to economic reality. Introduction to sources of accounting information. The interpretation of accounting reports.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts*, Chapters 1 and 2; *Introduction to Accounting*; S. W. Rowland and B. Magee, *Accounting*, Part I. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

- 134. Accounting IIa.** Professor Edey and Mr. Bird. Eleven lectures and sixteen classes, Lent and Summer Terms. (This course will be given in the day and in the evening in the session 1963-64.)

For B.Sc. (Econ.) Part II (Second Year)—*Accounting*, IV 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; Diploma in Operational Research.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting IIa.

Syllabus.—Short historical survey of company accounting. Company reports and finance: accounting valuation concepts and their economic significance; capital structure; reconstructions and amalgamations; consolidated accounts; price level adjustments; the treatment of income and profits tax in company accounts. 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; S. W. Rowland, *Principles of Accounting*; F. W. Paish, *Business Finance*; R. J. Chambers, *Accounting and Action*. Reference may be made to *The Companies Act, 1948*; *Report of the Company Law Committee* (Cmd. 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*.

- 135. Accounting IIb.** Mr. Flower. Twenty-four lectures or classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (Second Year students)—*Accounting*, IV 7 and 8; *Data Processing including Elements of Accounting*, X 6 and 7b.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting IIb.

Syllabus.—Data processing and book-keeping. Systems.

- (a) Further work on problems of double-entry book-keeping with particular reference to the recording of different types of transaction.
 (b) The organisation of accounting systems, including the application of mechanical and electronic methods to the production of double-entry records and other accounting information including costing data.

Recommended reading.—Some books and articles will be mentioned during the course.

- 136. Accounting IIIa.** Professor Baxter. Ten lectures and twelve classes, Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting*, IV 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a.

Note. Accounting IIa (Course No. 134) is a prerequisite for Accounting IIIa.

Syllabus.—Cost analysis for decision making. Budgetary planning and control. Long-term finance budgets. Capital budgets. Revenue and expenditure budgets. Cost control. Standard costs. Cost collection systems.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts*; D. Solomons (Ed.), *Studies in Costing*; "Uniform Cost Accounting—a Survey" (*Economica*, Aug. and Nov. 1950); A. Merrett and A. Sykes, *The Finance and Analysis of Capital Projects*; and H. Bierman and S. Smidt, *The Capital Budgeting Decision*.

- 137. Accounting IIIb.** Professor Baxter and Mr. Bird. Twenty lectures with classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (Third Year)—*Accounting*, IV 7 and 8.

Syllabus.—(1) Company accounting. Advanced company accounts; holding companies; accounting aspects of taxation.

(2) Valuation theory. Valuation of a business, shares, partnership rights, individual assets, etc.; measurement of income; depreciation; changing price levels.

Recommended reading.—E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (14th 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*. Reference may be made to such standard text-books 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*; J. C. Bonbright, *The Valuation of Property*, Chaps. I to XII, and XXVI.

Other works will be recommended during the course.

- 138. History of Accounting.** Three lectures will be given by Professor Yamey and Mr. de Ste. Croix at times to be arranged.

- 139. Accounting Problems (Second Year).** Classes will be held by Professor Baxter and others for Second-Year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 140. Economic Problems (Second Year).** Classes will be held for Second-Year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 141. Accounting Problems (Third Year).** Fortnightly classes will be held by Professor Baxter and others during the Michaelmas and Lent Terms for Third-Year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 142. Economic Problems (Third Year).** Classes will be held for Third-Year students taking the special subject of Accounting for B.Sc. (Econ.) Part II.

- 143. Accounting and Economic Theory (Seminar).** A series of weekly meetings and two week-end discussion courses will be held by Professor Baxter, Professor Edey and others in the Michaelmas and Lent Terms. Business valuation, cost analysis and other economic applications of accounting will be discussed.

For B.Sc. (Econ.) Part II—Special subject of Accounting.

- 144. Accounting and Economic Statistics (Classes).**

A short series of special classes will be arranged for students offering Economic Statistics as an optional subject in B.Sc. (Econ.) Part II (I 6a or 8k; II 8c; V 8i).

FOR GRADUATE STUDENTS
ONE-YEAR GRADUATE COURSE IN BUSINESS
ADMINISTRATION

150. Business Administration in the Light of Economic Analysis.

Mr. Foldes and Professor Sir Arnold Plant.

For the One-year Course in Business Administration only.

Syllabus.—The course will be devoted to a discussion of the nature, and the significance for business administrators, of the social and economic institutions which constitute the framework within which business affairs are conducted; the administrative problems encountered within the sphere of business, and the related problems of the nature, the timing and the magnitude of business transactions. Particular instances will be purposely selected for examination from widely diverse types of business.

151. Administrative and Organisational Problems of large Multi-Plant Businesses. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—Types of multi-plant businesses. Reasons for existence—historical, commercial, technological. Essential organisational difference from single-unit firms—geographic disjunction of functions. Functions operating at unit levels. Functions operating at the centre. Ambivalent functions. Need to secure co-ordination at all levels. Penalties of failure. Means of attempting co-ordination. Centralisation—advantages and disadvantages. Partial decentralisation; Groupings and Divisional organisation—types and appropriateness; Committees—values and dangers. Complete decentralisation. Congeries of single-unit businesses. Scope and purpose of unit management and of central management. Evolution. Influence of computers and improved communication systems. Staffing, training and succession problems in static and evolving multi-plant organisations.

152. Industry. Mr. Townsend and Professor Yamey.

For the One-year Course in Business Administration only.

Syllabus.—Specialisation in industry: factors determining the range of processes undertaken and the products made by individual firms. Size of factories and firms and the problems of growth. Location of factories and Government policy in relation to industrial distribution. Common services: trade associations, chambers of commerce, research associations, etc.

Production planning in relation to sales forecasts and the formulation of programmes in businesses making goods for stock. Organisation of raw materials purchasing, issue and control. Analysis of labour costs and overheads in relation to modern techniques of costing. Price determination in industries where development and production are complex and production batches small. Price determination in joint product industries, e.g., chemicals. Some problems in marketing: the choice of distribution channels, resale price maintenance, advertising. Investment in research and development: the problems of budgeting, allocation of resources between projects and review of achievement. Relations of firms and industries with Government departments.

The problems will be discussed against a background of papers written by experts in the industries concerned and of visits to factories. The course is organised in close association with the evening seminar on Problems in Industrial Administration referred to below.

153. Distribution. Professor Yamey.

For the One-year Course in Business Administration only.

Syllabus.—An analysis of current business problems in wholesale and retail distribution, including problems of manufacturer-distributor relations.

After a brief descriptive survey of the distributive trades, the course will deal with some of the special features and business problems of each of the main types of distributive enterprise, viz., wholesalers, department stores, multiples, small-scale retailing, mail-order houses and consumer co-operative societies. The following topics will be discussed: organisation, buying policies, sales policies, pricing, financial control, accounting, merchandise and stock control, remuneration of staff, co-operation between firms and co-operation with suppliers.

154. Business Finance. Professor Paish.

For the One-year Course in Business Administration only.

Syllabus.—The course examines, against the background of the English legal and institutional framework, various types of financial decisions which have to be made by business men. It includes discussion of such topics as the following:

The nature of business risks; risks which can be avoided by insurance or hedging; the limited liability company; private and public companies; types of securities issued by companies; gearing of capital; holding companies; self-financing out of profits; effects of high taxation and changing prices; short-term finance; hire-purchase finance; the finance of international trade; Export Credit guarantees. Investment institutions: Insurance offices; building societies; investment trusts; finance companies; the Finance Corporations.

The Stock Exchange. Issuing houses and the new issue market; underwriting. Making a public issue; alterations of share-holders' rights; writing down capital; capital reconstructions.

155. Labour. Professor Phelps Brown and Miss Seear.

For the One-year Course in Business Administration only, except by special permission of Professor Phelps Brown or Miss Seear.

Syllabus.—INDUSTRIAL RELATIONS. The object is to acquaint the student with the framework of the institutions and practices of industrial relations in a western economy. The topics are:—The function of trade unions, and the claims of the union at the place of work. Joint consultation. The scope and working of collective bargaining. The role of government in wage regulation and the settlement of disputes.

PERSONNEL MANAGEMENT. The aim is to give information on problems of personnel management suitable for students of general business administration rather than for specialists. It includes the study of the development of personnel management in this country; of the relationship between the personnel department and line management; of the main functions and activities of a personnel department; of the national manpower position and consequent personnel problems, and of questions arising in connection with the employment of special types of labour.

METHODS OF WAGE PAYMENT. A survey of the principal contemporary methods of wage payment. It will include methods of "work study"; systems of payment by results, and their application to particular situations; the wage structure, and the adjustment of differentials; job evaluation.

156. Law Relating to Business. Professor Wheatcroft and others.

This course is intended to give an elementary background of Law to students who have no previous knowledge of the English legal system. The needs of such students as engineers and scientists are kept particularly in mind.

Syllabus.—The nature and scope of law. The sources of English law. Case Law and the Doctrine of Precedent. Legislation and the problem of interpretation. The Courts and the Legal Profession. Legal Aid. Arbitration. Elementary Principles of the Law of Contract and of Torts. The nature of Patent Law. Commercial Associations and the legal advantages and disadvantages of incorporated companies. Outline of the U.K. taxation system. Elementary principles of the Law of Labour Relations.

157. Investment. Mr. Rose.

For the One-Year Course in Business Administration only.

Syllabus.—The determination of security prices; the characteristics of different types of security; the choice of assets by different types of investor.

158. Management Accounting. Professor Edey and others.

For the One-year Course in Business Administration only.

Syllabus.—The course will try to give students an understanding of techniques and methods of accounting as an instrument of planning and control.

The course will be concerned particularly with the relation between accounting, budgeting and the business operations. The construction, interpretation and criticism of revenue accounts and balance sheets will be discussed, with a view to assessing their use and limitations as gauges of financial position and operating results.

159. Business Statistics. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—Sampling in business and industry; the selection of unbiased samples; the interpretation of statistics obtained by sampling. Quality control, production control, and budgetary control. The measurement of output, productivity, and technical efficiency. Representation and misrepresentation by statistics and charts. Published statistics useful in business. Miscellaneous applications of statistics in business and industry.

160. Market Research. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—The use in market research of published and other available data. Market surveys, including the design of questionnaires, the selection of samples, the technique of interviewing, and the tabulation and interpretation of the information obtained. The class will conduct under supervision a market survey on an assigned topic, and will design the questionnaire, select the persons to be interviewed, interview householders, housewives or others, tabulate the information obtained, and draft the report.

161. Economic Analysis. Mr. Foldes.

For the One-year Course in Business Administration only.

Syllabus.—The theory of the economic decisions of persons and firms, and the determination of prices and quantities traded in individual markets of various types. The interdependence of markets and general equilibrium. Determination of the general level of prices and rates of interest, of the quantity of money and of national income and employment. International trade and division of labour. The balance of payments and the foreign exchanges.

162. Problems in Industrial Administration (Seminar). Professor Edwards will conduct a graduate evening seminar weekly throughout the session. Admission will be strictly by permission of Professor Edwards.

The seminar 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 present Government policy; labour relations and the human factor; relations with trade associations and Government departments.

(e) Transport

170. Economics of Transport. Mr. Ponsonby. Five lectures, Summer Term.

For students in their second year taking the B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8c.

Syllabus.—This course will consist of a general introduction to the subject.

Recommended reading.—A bibliography will be given during the course.

171. Economics and History of Transport. Mr. Ponsonby. Fifteen lectures, Michaelmas and Lent Terms.

For students in their third year taking the B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8c. All those taking the special subject of Industry and Trade are recommended to attend the first five lectures which will be given in the Michaelmas Term.

Syllabus.—The chief characteristics of the demand for transport, both passenger and freight. Factors affecting its elasticity. The influence of transport upon the distribution of industry and population.

The general character of transport costs and the influence of geographical factors upon them. Fixed, variable, average and marginal costs. The economies and diseconomies of large and small undertakings providing transport services. The problem of the peak. The effects of traffic flow and density upon costs.

The terms of investment in transport under competition and monopoly, and under State (including municipal) and private enterprise. The bearing of risk. Interest, profits, rent and quasi-rent. Depreciation and obsolescence.

The theory and practice of transport charges, passenger and freight.

The maintenance, construction, and financing of roads. The taxation of road vehicles. The role of the State in relation to the development of transport generally. Some problems of transport under State enterprise.

The course will include a brief historical sketch of the different forms of inland transport since 1920, and an account of post-war transport legislation.

Recommended reading.—A. M. Milne, *The Economics of Inland Transport*; M. R. Bonavia, *The Economics of Transport*; G. J. Walker, *Road and Rail*; J. R. Sargent, *British Transport Policy*; A. M. Milne and Austen Laing, *The Obligation to Carry*; H. T. Lewis and others, *The Role of Air Freight in Physical Distribution*; L. A. Carey, *Modern Railway Practice, Facilities and Charges*; J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; E. Troxell, *Economics of Transport*; E. M. Hoover, *The Location of Economic Activity*; G. W. Wilson, *Essays on Some Unsettled Questions in the Economics of Transportation*.

C. I. Savage, *An Economic History of Transport*; E. C. Cleveland-Stevens, *English Railways—their Development and their Relation to the State*; C. Hamilton Ellis, *British Railway History, 1830–1876 and 1877–1947*; R. S. Lambert, *The Railway King*; H. C. Kidd, *A New Era for British Railways*; W. V. Wood and J. C. Stamp, *Railways*; R. Bell, *History of the British Railways during the War, 1939–45*; C. I. Savage, *Inland Transport (Official History of the Second World War)*; R. M. Robbins, *The Railway Age*.

H. Samuel, *Railway Operating Practice*; L. D. Kitchin, *Bus Operation*; D. N. Chester, *Public Control of Road Passenger Transport*; W. J. Crosland-Taylor, *Crosville*; W. J. Crosland-Taylor, *State-owned without Tears, 1948–1953*; G. Dickinson, *Road Haulage Operation*; C. S. Dunbar, *Goods Vehicle Operation*; A. C. L. Day, *Roads*; C. D. Buchanan, *Mixed Blessing*; Institution of Civil Engineers, *Conference on the Highway Needs of Great Britain, 1957*; S. and B. Webb, *The Story of the King's Highway*; W. Rees Jeffreys, *The King's Highway*; R. H. Thornton, *British Shipping*; J. F. Sleeman, *British Public Utilities*; O. Kahn-Freund, *The Law of Carriage by Inland Transport*; L. D. Kitchin, *Road Transport Law*; Frank Gilbert, *Transport Staff Relations*; *Bulletin of the Oxford University Institute of Statistics*,

Nov. 1960 (Vol. 22, No. 4), and Feb. 1962 (Vol. 24, No. 1); *Basic Road Statistics*, 1963 (British Road Federation); *The Commercial Motor*, tables of operating costs for commercial road vehicles (published annually).

British Transport Commission, *Annual Reports and Accounts* from 1948 onwards (H. of C. Papers, from 1949); U.K. London Transport Executive, *Annual Reports*; Report from the Select Committee on Nationalised Industries (British Railways) 1960; Transport Consultative Committees, *Annual* and other various *Reports*; United Kingdom, British Transport Commission (1955), *Modernization and Re-equipment of British Railways*; British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); British Transport Commission, *Re-appraisal of the Plan for the Modernisation and Re-equipment of British Railways* (Cmd. 813, 1959); the Gore-Browne report on Railway Rates (Cmd. 1098, B.P.P. 1920); the three reports of the Royal Commission on Transport (Cmd. 3365, B.P.P. 1929-30; Cmd. 3416, B.P.P. 1929-30; and Cmd. 3751, B.P.P. 1930-31); U.K. Ministry of Transport, 1932, *Report of the Conference on Road and Rail Transport* (The Salter Report); Union of South Africa, *Report on Railway Rating Policy*, 1950 (The Newton Report); U.K. Ministry of Transport and Civil Aviation, Road Passenger Services, *Report of the Committee on the Licensing of Road Passenger Services* (Thesiger Report), Nov. 1953; United Kingdom, Ministry of Transport and Civil Aviation, *Report of the Committee of Enquiry into London Transport* (Chambers Report), 1955; U.K. Ministry of Transport, *Roads in England and Wales, Annual Reports* from 1956-57 onwards; U.K. Ministry of Transport, *Crush Hour Travel in Central London*, 1958; U.K. Ministry of Transport, *The Victoria Line* (Report by the London Travel Committee, 1959); U.K. Ministry of Transport, *The Transport of Goods by Road* (Sample Survey April 1958), 1959; *Reorganisation of the Nationalised Transport Undertakings* (Cmd. 1248, 1960); *The Financial and Economic Obligations of the Nationalised Industries* (Cmd. 1337, 1961); U.K. Ministry of Transport, *Rural Bus Services* (Jack Committee Report) 1961; U.K. Ministry of Transport, *Transport Services in the Highlands and Islands*, 1963; U.K. Ministry of Transport, *The Transport Needs of Great Britain in the Next Twenty Years*, 1963; U.K. Ministry of Transport, *Report of the Committee of Inquiry into the Major Ports of Great Britain*, 1963; British Railways Board, *The Reshaping of British Railways* (The Beeching Report).

Students are advised to acquaint themselves with the following publications: *Modern Transport*, *The Journal of the Institute of Transport*, *The British Transport Review*, *The Journal of Transport History*, and Papers read before the Railway Students' Association.

172. The Economics of Shipping. Mr. Prys Williams. Ten lectures, Michaelmas Term.

For students in their third year taking the B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8c.

Syllabus.—Factors entering into the cost of water transport: the significance of the cost of laying a vessel up. Determination in a free market of the level of freight rates and of the interrelations of freights. Fluctuations in shipbuilding: a discussion of their causes and effects.

Various modifications to market freedom: the Tanker Pool; Liner Conferences; Regulations introduced into the Tramp Trades.

The effects of such modifications on the general level of rates and on fluctuations in rates.

The importance of turn-round.

Recommended reading.—P. Duff, *British Ships and Shipping*; R. H. Thornton, *British Shipping* (2nd edn.); A. S. Svendsen, *Sea Transport and Shipping Economics*; H. Gripaios, *Tramp Shipping*; A. Berglund, *Ocean Transportation*; M. G. Kendall, "United Kingdom Merchant Shipping Statistics" (*Jnl. of the Royal Statistical Society*, 1948); Chamber of Shipping of the United Kingdom and Liverpool Steamship Owners' Association, *Shipping Policy*; *Fact Finding Enquiry*; U.K. Board of Trade, Imperial Shipping Committee, 1939: 38th Report, *British Shipping in the Orient*; C. B. A. Behrens, *Merchant Shipping and the Demands of War*; W. A. Lewis, "Interrelations of Shipping Freights" (*Economica*, N.S. Vol. 8); T. Koopmans, *Tanker Freight Rates and Tankship Building*; Report of the Royal Commission on Shipping Rings (Cmd. 4668, B.P.P. 1909); Report of the Imperial Shipping

Committee on the Deferred Rebate System (Cmd. 1802, B.P.P. 1923); B. Cunningham, *Port Economics*; *Cargo Handling at Ports*; H. O. Mance and J. E. Wheeler, *International Sea Transport*; E. C. P. Lascelles and S. S. Bullock, *Dock Labour and Decasualisation*; Dock Workers (Regulation of Employment) Scheme, 1947; *Annual Reports* of the National Dock Labour Board; *Annual Reports* of the Chamber of Shipping of the United Kingdom; *Annual Reports* of the Liverpool Steamship Owners' Association; *Westinform Shipping Reports*.

173. The Economics of Air Transport. Mr. Foldes. Ten lectures, Lent Term. (This course will not be given in the session 1963-64; it will be given in 1964-65.)

For B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8c (Second or Third Year).

Syllabus.—Development and organisation of air transport. Factors affecting demand. Economic problems of aircraft design, production and operating. Airports and route facilities. Government policy, particularly in the U.K. and U.S. Problems of regulation and subsidy. International agreements and organisations.

Recommended reading.—BASIC READING: R. E. Caves, *Air Transport and its Regulation: an Industry Study*; S. F. Wheatcroft, *The Economics of European Air Transport*. OTHER READING: Bin Cheng, *International Air Law*; K. R. Sealy, *The Geography of Air Transport*; P. W. Cherington, *Airline Price Policy*; S. F. Wheatcroft, "European Air Transport Economics" (*J. Inst. Transport*, Sept. 1957); P. G. Masefield, "Some Economic Factors in Civil Aviation" (*J. R. Aero. S.*, 1948); "Some Economic Factors in Air Transport Operation" (*J. Inst. Transport*, March, 1951); "British Transport in the National Economy" (*J. Inst. Transport*, Nov. 1955); L. P. Foldes, "Domestic Air Transport Policy" (*Economica*, May and August 1961); W. Coulet, *L'organisation européenne des transports aériens*; L. S. Keyes, *Federal Control of Entry in Air Transportation*; Sir G. Cribbitt, "Some International Aspects of Air Transport" (*J. R. Aero. S.*, Nov. 1950; or United Nations, *Transport and Communications Review*, Vol. IV, No. 2); O. J. Lissitzyn, "The Rôle of the State in Air Transport" (United Nations, *Transport and Communications Review*, Vol. VIII, No. 1, 1955); E. Devons, "The Aircraft Industry" in D. Burn, *The Structure of British Industry*, Vol. II; Sir Arnold Hall, "The Influence on Civil Aviation of some Current Researches" (*J. Inst. Transport*, May, 1955); "Some Comments on Current Aviation Topics" (*J. Aero. Sciences*, 1957); Sir G. Gardner, "Future Air Transport Possibilities" (*Canadian Aero. Inst.*, Feb. 1959); Lord Douglas of Kirtleside, "The Economics of Speed" (*J. Inst. Transport*, May 1957); A. H. Fox, "Fare Fixing in Air Transport" (*Three Banks Review*, Sept. 1957); H. T. Lewis and J. W. Culliton, *The Rôle of Air Freight in Physical Distribution*; Report of the (Cadman) Committee of Inquiry into Civil Aviation (Cmd. 5685, 1938); recent Annual Reports of B.O.A.C., B.E.A., British Independent Air Transport Association and Air Transport Advisory Council; Civil Aviation (Licensing) Act, 1960; Annual Reports and Decisions of the Air Transport Licensing Board; Select Committee on Estimates, 1955-56, *Civil Aerodromes and Ground Services*; Select Committee on Nationalised Industries, 1958-59, *The Air Corporations*; Select Committee on Estimates, 1960-61 and 1961-62, *London's Airports*; *Civil Aerodromes and Air Navigational Services* (Cmd. 145, 1961); I.C.A.O., *Economic Implications of the Introduction into Service of Long-Range Jet Aircraft*, 1958; *European Civil Aviation Conferences*, Reports, 1955 to date; *Commercial and Technical Co-operation between European Airlines* (I.C.A.O. Circular No. 28).

JOURNALS: *J. R. Aero. S.*; *J. of Air Law and Commerce*; *Revue Générale de l'Air*; *Zeitschrift für Verkehrswissenschaft*.

174. Economics and History of Transport (Class). Mr. Ponsonby.

This series of fortnightly classes will be held throughout the session. For students taking the B.Sc. (Econ.) Part II—*Economics of Transport*, I 8d; V 8a; XIV 8c.

The attention of all students specialising in Transport is drawn to the following courses:—

No. 372.—Introduction to Sea and Air Law.

FOR GRADUATE STUDENTS

175. **Economic Problems in Transport (Seminar).** Mr. Ponsonby.
This weekly evening seminar will be held during the Michaelmas and Lent Terms for graduate students. The seminar may also be attended by those engaged in the transport industry. Admission will be strictly by permission of Mr. Ponsonby.

GEOGRAPHY

GEOGRAPHY

Courses given in the Joint School of Geography at King's College, London,
and the London School of Economics

Courses for B.Sc. (Econ.)

Part I: Revised Regulations

185. Introduction to Geography. Professor Wise. Twenty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1963-64.

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*; F. Debenham, *Discovery and Exploration*; H. J. Wood, *Exploration and Discovery*; G. R. Crone, *Maps and their Makers*; L. D. Stamp, *Our Developing World*; G. Taylor, *Geography in the Twentieth Century*.

186. Geography Class. Professor Wise, Dr. Odell, Dr. Board and Dr. Hamilton. Fortnightly throughout the session.

Part II: Revised Regulations

Second Year

Note: Students reading Geography as a special subject in Part II are required to attend two field classes. These will normally be arranged during the Easter vacations in the second and third years of the B.Sc. (Econ.) course.

187. Introduction to Economic Geography. Dr. Martin, Dr. Sealy, Mr. Estall and Dr. Odell. Twenty-five lectures, Sessional.

Economic Geography, XIV 5; I 3d; II 3c; XIII 3f.

Syllabus.—Concepts and methods of economic geography. The nature of resources and their exploitation. The elements of the geography of transport. The location of economic activity.

Special classes will be arranged for students of Economics and History taking Economic Geography as one paper in the final examination.

Recommended reading.—E. W. Zimmermann, *World Resources and Industries*; R. Cohen, *The Economics of Agriculture*; A. N. Duckham, *The Fabric of Farming*; K. R. Sealy, *Geography of Air Transport*; J. H. Bird, *The Geography of the Port of London*; E. M. Hoover, *The Location of Economic Activity*; M. Chisholm, *Rural Settlement and Land Use*; P. R. Odell, *An Economic Geography of Oil*.

188. Human Geography. Professor Jones. Twenty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1963-64.

An introductory course for all students taking Geography as a special subject.

Syllabus.—An introduction to the field of human geography. 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*; Preston E. James, *A Geography of Man*; W. G. East, *Geography behind History*; J. H. G. Lebon, *An Introduction to Human Geography*; J. Houston, *A Social Geography of Europe*.

189. The British Isles. Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms.

The British Isles, XIV 6.

Syllabus.—Changing patterns of population, settlement and land use in Britain and the bearing of physical, social and economic conditions upon these changes. Special studies of selected industrial and agricultural areas.

Recommended reading.—Wilfred Smith, *An Economic Geography of Great Britain*; J. B. Mitchell (Ed.) *Great Britain, Essays in Regional Geography*; U.K. Geological Survey, *British Regional Geology*; L. D. Stamp and S. H. Beaver, *The British Isles*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*.

190. An Introduction to the Geography of Europe. Dr. Harrison Church, Mr. Lawrence and Dr. Hamilton. Ten lectures, Summer Term.

Europe, XIV 7.

Syllabus.—This course forms an introduction to a full course on 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*.

191. Physical Geography. Dr. Clayton and Dr. Jackson. Twenty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1963-64.

Physical Geography, XIV 4.

Syllabus.—A study of selected aspects of geomorphology, climatology, biogeography and oceanography, with special emphasis on their inter-relations in the British Isles.

Recommended reading.—S. W. Wooldridge and R. S. Morgan, *An Outline of Geomorphology*; G. H. Dury, *The Face of the Earth*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; G. Manley, *Climate and the British Scene*; S. Pettersen, *Introduction to Meteorology*; E. J. Russell, *The World of the Soil*; Hans Jenny, *Factors of Soil Formation*; S. R. Eyre, *Vegetation and Soils*; H.M.S.O., *A Course in Elementary Meteorology*.

192. Practical Mapwork. Dr. Clayton, Dr. Jackson and others. Twenty-five classes, Sessional.

Physical Geography, XIV 4.

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. H. Dury, *Map Interpretation*; E. Raisz, *General Cartography*.

Part II: Revised Regulations

Third Year

193. Economic Geography. Dr. J. E. Martin and Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms.

Economic Geography, XIV 5; I 3d; II 3c; XIII 3f.

Syllabus.—An advanced treatment of the economic geography of industry and agriculture. The location of manufacturing industry. Industrial and agricultural complexes. Systems of commercial agriculture.

Recommended reading.—E. M. Hoover, *The Location of Economic Activity*; J. S. Dunn, Jr., *The Location of Agricultural Production*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; M. Chisholm, *Rural Settlement and Land Use*; N. J. G. Pounds, *The Geography of Iron and Steel*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*.

References to periodical literature will be issued during the course.

194. Applied Geography. Professor Wise and Mr. Estall. Sessional. This course will be given in the day and in the evening in the session 1963-64.

The British Isles, XIV 6.

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*; *Applied Geography*; The Association for Planning and Regional Reconstruction, *Town and Country Planning Textbook*; W. Ashworth, *The Genesis of Modern British Town Planning*; R. E. Dickinson, *City, Region and Regionalism*; Cmd. 6153 (The Barlow Report), 1940; Cmd. 6378 (The Scott Report), 1942; Cmd. 8204, "Town and Country Planning, 1943-51", and subsequent reports of the Ministry of Housing and Local Government; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*; T. W. Freeman, *Geography and Planning*.

195. Advanced Regional Geography: Western and Central Europe. Dr. Harrison Church, Dr. Yates and Dr. Hamilton. Thirty lectures, Sessional. This course will be given only in the day in the session 1963-64.

Europe, XIV 7.

Syllabus.—A study of the physical environment, natural resources, land use, agriculture and industry in their national and regional differentiation.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*; A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest*; A. F. A. Mutton, *Central Europe*; P. George and J. Tricart, *L'Europe Centrale*, Tome I; R. E. Dickinson, *The Regions of Germany or Germany*; T. H. Elkins, *Germany*.

Other literature will be suggested during the course.

196. Geography Seminar. Dr. Harrison Church, Mr. Sinclair and Dr. Jackson. Sessional.

Discussion on special areas and topics.

197. **Physical Geography Class.** Dr. Clayton and Dr. Jackson. Ten fortnightly classes, Michaelmas and Lent Terms.

Optional Subjects

One of the following courses

198. **Historical Geography—I.** Dr. Lambert and Dr. Yates. Sessional.

B.Sc. (Econ.) Part II (OR)—X (v) (a); Special subject of Economic History (Modern), Option (v) (a) and Part II (RR)—*Historical Geography*, V 8j; VI 7 and 8k; XIII 3c; XIV 8b.

This course will be given in the day and, if required, in the evening in the session 1963–64.

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*.

199. **Political Geography.** Dr. Harrison Church and Professor Jones. Sessional. (Available also for B.A. Honours in Geography—Political Geography I.) This course will be given only in the day in the session 1963–64. Students should also follow Course No. 242.

Political Geography, XIV 8a.

Syllabus.—A general study of the interaction between geographical factors and the state, including such aspects as territorial organisation, frontiers and boundaries, demographic considerations and strategic factors. A closer study will be made of one or more areas.

Recommended reading.—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.

200. **Social Geography.** Professor Jones. Sessional.

Social Geography, XIV 8c.

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, Region and Regionalism*; W. A. Gauld, *Man, Nature and Time*; A. H. Hawley, *Human Ecology*; J. Houston, *A Social Geography of Europe*.

Further reading will be suggested during the course.

201. **Advanced Regional Geography: North America.** Mr. Estall and Dr. Sealy. Forty lectures, Michaelmas and Lent Terms. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1963–64.

North America, XIV 8d(i).

Syllabus.—A study of physical environment, natural resources and economic factors with emphasis on inter-relations in regional geography.

Recommended reading.—L. R. Jones and P. W. Bryan, *North America*; J. Russell Smith and M. Ogden Phillips, *North America*; N. M. Fenneman, *Physiography of Eastern United States*; *Physiography of Western United States*; F. B. Loomis, *Physiography of the United States*; C. L. White and E. J. Foscoe, *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, *American Cities in the Growth of the Nation*; D. F. Putnam (Ed.), *Canadian Regions*; J. H. Patterson, *North America*.

202. **Advanced Regional Geography: Monsoon Asia.** Mr. Rawson. Twenty-five lectures, Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given in the day and in the evening in the session 1963–64.

Monsoon Asia, XIV 8d(ii).

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.—GENERAL: 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*. COUNTRIES: Relevant chapters in: V. Anstey, *The Economic Development of India*; R. Mukerjee (Ed.), *Economic Problems of Modern India*; K. J. Pelzer, *Pioneer Settlement in the Asiatic Tropics*; G. B. Cressey, *Land of 500 Million, A Geography of China*; O. Lattimore, *Inner Asian Frontiers of China*; G. T. Trewartha, *Japan*; E. A. Ackerman, *Japan's Natural Resources*; Sir A. Pim, *Colonial Agricultural Production*; B. H. Farmer, *Pioneer Peasant Colonization in Ceylon*. References to periodical literature will be issued during the course.

203. **Advanced Regional Geography: Africa.** Dr. Harrison Church, Dr. Pugh, Mr. Rawson and Dr. Board. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1963–64.

Africa, XIV 8d(iii).

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.—L. D. Stamp, *Africa* or W. Fitzgerald, *Africa*; Lord Hailey, *An African Survey: Revised 1956*, Chaps. 1, 11–15, 22–23; 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.); Monica Cole, *South Africa*; J. H. Wellington, *Southern Africa* (2 vols.); J. Despois, *L'Afrique du Nord*.

Further reading will be indicated during the course.

Part II (Old Regulations): Special Subject of Geography

Third Year

204. **Advanced Economic Geography, with Special Reference to Industry.** Dr. J. E. Martin and Dr. Hamilton. Sessional. This course will be given only in the evening in the session 1963–64.

Recommended reading.—E. M. Hoover, *The Location of Economic Activity*; E. W. Zimmermann, *World Resources and Industries* (1951); U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; Political and Economic Planning, *Report on the Location of Industry*; N. J. G. Pounds and W. N. Parker, *Coal and Steel in Western Europe*; N. J. G. Pounds, *The Geography of Iron and Steel*; Wilfred Smith, *An Economic Geography of Great Britain*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*.

205. The Geography of Agriculture. Mr. Sinclair. Sessional.
This course will not be given in the session 1963-64. It will be given in the evening in session 1964-65 if required.

Recommended reading.—K. H. W. Klages, *Ecological Crop Geography* (background reading preferably in advance of course); D. Faucher, *Géographie Agricole*; Sir E. J. Russell, *World Population and World Food Supplies*; O. E. Baker and others, *Agriculture in Modern Life*; J. L. Buck, *Land Utilization in China*; P. Gourou, *The Tropical World*; K. Pelzer, *Pioneer Settlement in the Asiatic Tropics*; Sir A. Pim, *Colonial Agricultural Production*; A. N. Duckham, *The Fabric of Farming*; Sir Harold Tempany and D. H. Grist, *An Introduction to Tropical Agriculture*; R. L. Mighell and J. D. Black, *Inter-regional Competition in Agriculture*. M. Chisholm, *Rural settlement and land use*.

See also the following courses:—

- No. 189.—The British Isles.
- No. 194.—Applied Geography.
- No. 195.—Advanced Regional Geography: Western and Central Europe.
- No. 198.—Historical Geography.
- No. 199.—Political Geography.
- No. 200.—Social Geography.
- No. 201.—Advanced Regional Geography: North America.
- No. 202.—Advanced Regional Geography: Monsoon Asia.
- No. 203.—Advanced Regional Geography: Africa.

Note: Students reading Geography for Part II of the B.Sc. (Econ.) degree are required to attend a field class in the Easter vacation.

Reference should also be made to the following courses:—

- No. 170.—Economics of Transport.
- No. 171.—Economics and History of Transport.
- No. 172.—The Economics of Shipping.
- No. 174.—Economics and History of Transport (Class).

Courses for B.A. Honours and B.Sc. Special

Note: Students reading for the B.A. (Hons.) and B.Sc. (Special) degrees in Geography are required to attend a field class in each year of the course. The field classes are normally held in the Easter vacation.

First Year

207. Physical Basis of Geography—I. (Biogeography). Dr. Yates and Miss Coleman. Twenty-five lectures, Sessional.

Syllabus.—(i) A survey of the pedogenic processes and their results. The world soil groups. Characteristics and utilisation of cultivated soils. The principles of ecology as applied to natural vegetation, crops and animal societies of economic importance.

(ii) A treatment of selected aspects of the physical geography of Britain.

Recommended reading.—G. W. Robinson, *Soils; Mother Earth*; A. D. Hall and E. J. Russell, *Soil Conditions and Plant Growth*; G. R. Clarke, *The Study of the Soil in the Field*; A. G. Tansley, *The British Islands and their Vegetation*; M. I. Newbigin, *Plant and Animal Geography*; A. E. Trueman, *The Scenery of England and Wales*; S. R. Eyre, *Vegetation and Soils*.

208. Physical Basis of Geography—II. (Meteorology and Climatology). Dr. Jackson. Twenty-five lectures, Sessional.

Recommended reading.—G. T. Trewartha, *An Introduction to Climate*; H. R. Byers, *General 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*.

209. Physical Basis of Geography—III. (Landforms.) Dr. Pugh, Mr. Brunnsden and Mr. Lawrence. Twenty-five lectures, Sessional.

Recommended reading.—S. W. Wooldridge and R. S. Morgan, *The Physical Basis of Geography*; A. Holmes, *Principles of Physical Geology*; C. A. Cotton, *Landscape*; O. D. von Engeln, *Geomorphology*; B. W. Sparks, *Geomorphology*.

210. Physical Geography Class. Dr. Pugh and Mr. Brunnsden. Michaelmas Term. For students not reading Geology as a subsidiary subject.

211. Elements of Cartography (Map Projections and Surveying). Dr. Pugh and Mr. Lawrence. Twenty-five lectures, Sessional. With field work in the third term.

Syllabus.—The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments.

Recommended reading.—A. H. Jameson and M. T. M. Ormsby, *Elementary Surveying and Map Projection*; J. A. Steers, *An Introduction to the Study of Map Projections*; F. Debenham, *Map Making*; A. R. Hinks, *Maps and Survey*; W. Norman Thomas, *Surveying*; *The Admiralty Manual of Hydrographic Surveying*.

212. Elements of Cartography and Map Interpretation (Practical). Mr. Lawrence. Twenty-five classes, Sessional.

Syllabus.—Techniques of map-making and the representation of the physical and cultural landscapes on maps. Cartographic and diagrammatic methods of expressing data relating to weather, climate, economic and population conditions. The interpretation of geological, topographic, land-use and other maps of geographical importance. Major foreign surveys and the International Map. An outline of the history of map making with special reference to Ordnance Survey maps.

Throughout the course emphasis is placed on individual work and practical exercises on each type of map.

Recommended reading.—H. St. J. L. Winterbotham, *A Key to Maps*; F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. H. Dury, *Map Interpretation*; E. Raisz, *General Cartography*; W. G. V. Balchin and A. W. Richards, *Practical and Experimental Geography*; R. G. D. Allen, *Statistics for Economists*.

213. Introduction to Human Geography—I. Dr. Lambert and Dr. Yates. Twenty-five lectures, Sessional.

Syllabus.—A general study of the inter-relation between man and his physical environment from earliest times.

Recommended reading.—G. Clarke, *World Prehistory—an outline*; V. G. Childe, *What happened in history*; W. G. East, *The geography behind history and An historical geography of Europe*; H. Heaton, *Economic history of Europe*; J. L. Myres, *The dawn of history and 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 Part I and II, Middle Ages*; H. Pirenne, *Mohammed and Charlemagne and Economic and Social History of Mediaeval Europe*; P. Boissonade, *Life and Work in Mediaeval Europe*.

214. Introduction to Human Geography—II. Professor Jones. Twenty-five lectures, Sessional.

Syllabus.—The facts and concepts of the geography of society.

Recommended reading.—W. A. Gauld, *Man, Nature and Time*; P. E. James, *A Geography of Man*; J. B. Brunhes, *Human Geography*; N. J. G. Pounds, *An Historical and Political Geography of Europe*; A. M. Carr-Saunders, *Population*; J. H. G. Lebon, *An Introduction to Human Geography*; C. D. Forde, *Habitat, Economy, and Society*.

Second Year

215. Physical Basis of Geography (Biogeography). Miss Coleman and Dr. Yates. Twenty-five lectures, Sessional. Session 1963–64 only.

Syllabus.—(i) A survey of the pedogenic processes and their results. The world soil groups. Characteristics and utilisation of cultivated soils. The principles of ecology as applied to natural vegetation, crops and animal societies of economic importance.

(ii) A treatment of selected aspects of the physical geography of Britain.

Recommended reading.—G. W. Robinson, *Soils; Mother Earth*; A. D. Hall and E. J. Russell, *Soil Conditions and Plant Growth*; G. R. Clarke, *The Study of the Soil in the Field*; A. G. Tansley, *The British Islands and their Vegetation*; M. I. Newbigin, *Plant and Animal Geography*; A. E. Trueman, *The Scenery of England and Wales*; S. R. Eyre, *Vegetation and Soils*.

216. Advanced Regional Geography—British Isles. Professor Wise, Dr. Yates, Dr. Clayton and Dr. Board. Forty lectures, Michaelmas and Lent Terms.

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*; Wilfred Smith, *An Economic Geography of Great Britain*; T. W. Freeman, *Ireland*; A. E. Trueman, *The Coalfields of Great Britain*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*.

217. Advanced Regional Geography—Western and Central Europe—I. Mr. Lawrence and Mr. Brunsdon. Ten lectures, Summer Term.

Recommended reading.—M. R. Shackleton, *Europe*; E. de Martonne, *L'Europe Centrale (Géographie Universelle, Tome IV)*; H. J. Mackinder, *The Rhine*; H. J. Fleure, *Human Geography in Western Europe*.

218. Cartography and Map Interpretation (Practical). Mr. Brunsdon. Sessional.

219. Regional Aspects of Human Geography. Mr. Rawson, Mr. Sinclair and Dr. Odell. Sessional.

Optional Subjects

Note: Students in their second year will be required to begin work on their chosen Optional subjects; the following courses will be provided:—

220. Mathematical Geography and Surveying—I. An inter-collegiate course.

221. Physical Basis of Geography—IV (Geomorphology). Miss Coleman, Dr. Clayton and Mr. Lawrence. Twenty-five lectures, Sessional.

222. Geomorphology—I. An intercollegiate course. Sessional.

223. Meteorology and Climatology—I. Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

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*.

224. Plant Geography—I. Dr. Yates and others. An intercollegiate course.

225. Economic Geography—I. Professor Buchanan and Dr. Odell. Twenty-five lectures, Sessional.

Recommended reading.—N. J. G. Pounds, *An Introduction to Economic Geography*; E. W. Zimmermann, *World Resources and Industries*; P. R. Odell, *An Economic Geography of Oil*.

226. Historical Geography—I. Dr. Lambert and Dr. Yates. Sessional.

Syllabus.—As for Course No. 198.

227. History of Geographical Science and Discovery—I. Dr. Jackson and others. An intercollegiate course.

228. Political Geography—I. Dr. Harrison Church and Professor Jones. Sessional.

Syllabus.—As for Course No. 199.

229. **Geography of Settlement—I.** Professor Wise, Professor Jones and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.

Third Year

230. **Seminar.** Professor Wise and Dr. Sealy. Sessional.
231. **Advanced Regional Geography—Western and Central Europe—II.** Dr. Harrison Church, Dr. Yates and Dr. Hamilton. Michaelmas and Lent Terms.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; E. de Martonne and A. Demangeon, *La France (Géographie Universelle, Tome VI)*; F. J. Monkhouse, *A Regional Geography of Western Europe*; R. E. Dickinson, *Germany*; T. H. Elkins, *Germany*; A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest*; A. F. A. Mutton, *Central Europe*; P. George and J. Tricart, *L'Europe Centrale, Géographie Universelle, Tome I*; W. R. Mead, *An Economic Geography of Scandinavia and Finland*.

Note: Students are required to select one other area for advanced regional study. Reference should be made to the following courses:—

No. 201.—North America.

No. 202.—Monsoon Asia.

No. 203.—Africa.

Note: Students in their third year will be required to continue work on their chosen Optional subject; the following courses will be provided:—

232. **Mathematical Geography and Surveying—II.** Fifty lectures. An intercollegiate course.
233. **Geomorphology—II.** Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.
234. **Meteorology and Climatology—II.** Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Bedford College.
235. **Plant Geography—II.** Dr. Yates and others. An intercollegiate course to be given at Bedford College.
236. **Economic Geography—II.** Professor Buchanan, Professor Wise and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.
237. **Economic Geography Class.** Professor Buchanan, Dr. J. E. Martin and Dr. Odell. Twenty-five classes, Sessional.

238. **Historical Geography—II: Western and Central Europe.** Dr. Lambert. Sessional.

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*.

239. **Historical Geography Class.** Dr. Lambert and Dr. Yates. Fifteen classes, Michaelmas and Lent Terms.
240. **History of Geographical Science and Discovery—II.** Dr. Jackson and others. An intercollegiate course to be given at Birkbeck College.
241. **Political Geography—II.** Dr. Harrison Church, Professor Jones and Dr. Hamilton. Twenty-five lectures, Sessional.
242. **Geography of Settlement—II.** Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.
243. **Geography of Settlement Class.** Professor Jones. Michaelmas and Lent Terms.
244. **Applied Geography.** Professor Wise and Mr. Estall. Sessional. **Syllabus.**—As for Course No. 194.

Courses for B.A. General and B.Sc. General (Part II)

Intercollegiate students reading for B.A. General and B.Sc. General (Part II) taking Geography as one of three subjects, are recommended to take the following courses:—

Courses for B.A. General

First Year: Courses 207, 208, 209, 211, 212.

Second Year: Courses 215, 216, 217, 218.

Third Year: Course 231.

Courses for B.Sc. General (Part I)

First Year: Courses 207, 208, 209, 211, 212.

Courses for B.Sc. General (Part II)

Second Year: Courses 216, 217, 218, 223.

Third Year: Courses 231 and one of 220, 221, 223, 224, 244.

For Graduate Students

246. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. Sealy. Admission by permission of Mr. Rawson.
247. **Geography Seminar.** Professor Jones, Dr. Board and others. A graduate seminar will be held weekly at times to be arranged.
248. **Regional Survey Problems (Seminar).** An evening seminar. Admission by permission of Professor Wise.
249. **Air Transport Problems (Seminar).** An evening seminar. Admission by permission of Dr. Sealy.
250. **Regional Problems in Latin America (Seminar).** A joint seminar with the department of Sociology. Admission by permission of Dr. Odell (Geography) and Dr. Tropp (Sociology).
Reference should also be made to the following sections and courses:—
- Anthropology—Regional studies.
 Economics—International Economics.
- No. 120.—Seminar on the International Petroleum Industry.
 No. 517.—Geographical and Strategic Aspects of International Affairs.

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

- J. C. PUGH, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Reader in Geography.
 E. M. YATES, M.Sc., Ph.D.; Reader in Geography.
 ALICE M. COLEMAN, M.A.; Senior Lecturer in Geography.
 D. BRUNSDEN, B.Sc.; Lecturer in Geography.
 G. R. P. LAWRENCE, M.Sc.; Assistant Lecturer in Geography.

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ECONOMIC HISTORY

260. The Economic History of Great Britain and America, 1850-1939. Dr. John and Mr. Potter. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; and for B.A. Honours in Philosophy and Economics (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: W. A. Lewis, *Economic Survey, 1919-1939*; W. Ashworth, *A Short History of the International Economy, 1850-1950*; M. G. Jones, *American Immigration*; The Royal Institute of International Affairs, *The Problem of International Investment*; A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain*; H. F. Williamson, *The Growth of the American Economy* (4th and 5th edns.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*.

FOR REFERENCE.—H. M. Pelling, *America and the British Left: from Cobden to Bevan*; T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America*; A. K. Cairncross, *Home and Foreign Investment*; W. Ashworth, *An Economic History of England, 1870-1939*; G. C. Allen, *British Industries and their Organization*.

261. Industrialisation and the International Economy since 1830. Dr. Barker and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*History* (1) (*Economic History*) I 2a; II 2i; IV 2a; VII 2; VIII 3; XI 3a; XII 3; XIII 3a; XIV 3 (Second Year).

Syllabus.—The pace of industrial change in Western Europe and the United States. Sources of capital. Population growth and its relationship to economic development. Labour and labour organization. The relationship between industrialisation and the supply of food and raw materials. Improvement in communications. Development of financial institutions. Export of capital. International migration. Growth of new industries. Changing pattern of trade. Tariffs. National economic policies. The inter-war years and a comparison of the outcome of the First World War with that of the Second.

The development of primary production outside the Atlantic economy.
Economic change in Russia and Asia.

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

262 Introduction to Modern English Economic History. Mr. W. M. Stern. Twenty-five lectures, Sessional.

For B.A. Honours in History; for the Diploma in Social Administration (First Year); for Diploma in Personnel Management and Intermediate (LL.B.) Option (d), (ii) (b).

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; and 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.—W. J. Ashley, *The Economic Organisation of England*; 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*; P. Mantoux, *The Industrial Revolution in the Eighteenth Century*; 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. Dr. Coleman. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Economic History, 1485-1760*, V 3; VI 7 and 8c (Second Year) and B.A. Honours in History, Optional subject of Economic History.

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, 1700-1850. Dr. John and Dr. Mingay. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*English Economic History, 1485-1760*, V 3; VI 7 and 8c; *English Economic History from 1760*, V 4; VI 7 and 8d (Second Year); and B.A. Honours in History, optional subject of Economic History.

Syllabus.—Factors making for an expansion of the English economy will be examined as well as some of the consequent economic and social problems. The subjects to be treated will include the social background and government economic policy in the eighteenth century; industrial fluctuations; the development of London as a national and international money market; the growth of population; English invisible exports; changes in the structure and location of industry; the growth of a labour force; early industrialism and social discontent.

Recommended reading.—A bibliography will be given at the beginning of the course.

265. English Economic History after 1850. Mr. W. M. Stern and Dr. Barker. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Economic History from 1760*, V 4; VI 7 and 8d (Second Year).

Syllabus.—The treatment of the subject is by topics: a general survey, which traces the background of cyclical fluctuations, is followed by detailed consideration of developments in agriculture, industry, labour problems and overseas trade and briefer discussions of public finance and the capital market. The course includes six lectures on social history, covering such topics as population growth, class structure, housing, education and the development of the other social services.

Recommended reading.—W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *An Economic History of Modern Britain*, Vols. II and III; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; H. Lynd, *England in the Eighteen-Eighties*; G. Dangerfield, *The Strange Death of Liberal England*; C. L. Mowat, *Britain between the Wars, 1918-1940*; S. Pollard, *The Development of the British Economy, 1914-1950*; W. W. Rostow, *The British Economy of the Nineteenth Century*; Lord Ernle, *English Farming, Past and Present*; *Whippingham to Westminster*; G. J. Shaw-Lefevre, *Agrarian Tenures*; W. Hasbach, *A History of the English Agricultural Labourer*; J. Caird, *The Landed Interest and the Supply of Food*; G. C. Allen, *British Industries and their Organization* (3rd edn.); A. Plummer, *New British Industries in the Twentieth Century*; P. Fitzgerald, *Industrial Combination in England*; W. S. Jevons, *The Coal Question*; D. L. Burn, *The Economic History of Steel Making, 1867-1939*; P. W. S. Andrews and E. Brunner, *Capital Development in Steel*; E. C. Cleveland-Stevens, *English Railways: their Development and their Relation to the State*; W. A. Robertson, *Combination among Railway Companies*; S. and B. Webb, *The Story of the King's Highway*; W. Rees Jeffreys, *The King's Highway*; S. H. Northcote, *Twenty Years of Financial Policy, 1842-1861*; S. C. Buxton, *Finance and Politics*; B. Mallet, *British Budgets, 1887/88-1912/13*; D. H. MacGregor, *Public Aspects of Finance*; J. F. Rees, *A Short Fiscal and Financial History of England, 1815-1918*; U. K. Hicks, *British Public Finances: their Structure and Development, 1880-1952*; *The Finance of British Government, 1920-1936*; E. Cannan, *The History of Local Rates in England*; E. L. Hargreaves, *The National Debt*; B. Chubb, *The Control of Public Expenditure*; S. M. Peto, *Taxation, its Levy and Expenditure*; Viscount Goschen, *Essays and Addresses on Economic Questions (1865-1893)*; Financial Reform Association, *Fifty Years' Retrospect, 1848-1898*; S. and B. Webb, *A History of Trade Unionism to 1920*; *Industrial Democracy*; G. D. H. Cole, *A Short History of the British Working Class Movement, 1789-1937*; H. M. Pelling, *The Origins of the Labour Party*; Lord Elton, "England, Arise!"; J. B. Jeffreys (Ed.), *Labour's Formative Years, 1849-1879*; E. J. Hobsbawm (Ed.), *Labour's Turning Point, 1880-1900*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; W. Milne-Bailey, *Trade Unions and the State*; National Association for the Promotion of Social Science, *Report of the Committee on Trades' Societies and Strikes (1860)*; Sir John Simon, *English Sanitary Institutions*; R. H. Shryock, *The Development of Modern Medicine; Matters of Life and Death (H.M.S.O., 3rd edn., 1956)*; *Report of the Royal Commission on Population, 1949*; J. A. Banks, *Prosperity and Parenthood*; R. Lewis and A. E. U. Maude, *The English Middle Classes*; G. D. H. Cole, *Studies in Class Structure*; R. Strachey, "The Cause"; E. H. C. Moberly Bell, *Storming the Citadel*; O. R. McGregor, *Divorce in England*; C. Birchenough, *The History of Elementary Education*; *Report of the Consultative Committee on the Education of the Adolescent (1927)*, Chap. 1; W. Ashworth, *The Genesis of Modern British Town Planning*; M. E. A. Bowley, *Housing and the State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; A. E. Feavearyear, *The Pound Sterling*; W. T. C. King, *History of the London Discount Market*; S. E. Thomas, *The Rise and Growth of Joint Stock Banking*; R. S. Sayers, *Lloyds Bank in the History of English Banking*; W. F. Crick and J. E. Wadsworth, *A Hundred Years of Joint Stock Banking*; W. Bagehot, *Lombard Street*; T. E. G. Gregory, *Select Statutes, Documents and Reports relating to British Banking, 1832-1928*; B. C. Hunt, *The Development of the Business Corporation in England, 1800-1867*; G. H. Evans, *British Corporation Finance*; L. H. Jenks, *The Migration of British Capital to 1875*; C. K. Hobson, *The Export of Capital*; H. Feis, *Europe, the World's Banker, 1870-1914*; A. K. Cairncross, *Home and Foreign Investment, 1870-1913*; C. J. Fuchs, *The Trade Policy of Great Britain and her Colonies since 1860*; R. J. S. Hoffman, *Great Britain and the German Trade Rivalry, 1875-1914*; A. H. Imlah, *Economic Elements in the Pax Britannica*; A. E. Kahn, *Great Britain in the World Economy*; F. C. C. Benham, *Great Britain under Protection*.

266. The Social and Political Structure of England in the late Sixteenth and early Seventeenth Centuries. Professor Fisher. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

- 267. The Social and Political Structure of England in the Nineteenth Century.** Dr. Barker, Dr. Brown and Dr. John. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—special subject of Modern Economic History (Third Year).
Syllabus and recommended reading will be given at the beginning of the course.

- 268. Industrial History.** Dr. Coleman. Ten lectures, Lent Term.

For Engineers and Applied Scientists (see Course 132); and for Diploma in Personnel Management.

Syllabus.—The purpose of this course is to give a general outline of the development of industrialization in the modern world and to consider in slightly more detail the economic history of Great Britain since the Industrial Revolution.

Recommended reading.—W. Ashworth, *A Short History of the International Economy, 1850–1939*; T. S. Ashton, *The Industrial Revolution, 1760–1830*; H. Heaton, *An Economic History of Europe*; E. C. Kirkland, *A History of American Economic Life*; W. A. Lewis, *The Theory of Economic Growth*; M. W. Thomas (Ed.), *A Survey of English Economic History*.

- 269. Introduction to the Economic History of North America.**

Prof. Fisher and Mr. Potter. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783, V 7; VI 7 and 8g* (Second Year).

- 270. Economic History of North America since 1783.** Dr. Erickson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783, V 7; VI 7 and 8g* (Third Year).

Syllabus.—Survey of economic conditions in the U.S.A. and Canada 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.

North America in international trade; economic relations between Canada and the United States; effects of British commercial policies.

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.—On the U.S.A., the most suitable work for this course is R. M. Robertson, *History of the American Economy* (1955). 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 Origins and Development of the American Economy* (1953); and F. Thistlethwaite, *The Great Experiment* (1955). Other useful text-books include: 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). On Canada: W. T. Easterbrook and H. G. J. Aitken,

Canadian Economic History (1956); A. W. Currie, *Canadian Economic Development* (1951); L. C. A. and C. M. Knowles, *The Economic Development of the British Overseas Empire*, Vol. II (1930).

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*; J. B. Brebner, *North Atlantic Triangle*; V. S. Clark, *History of Manufactures in the United States*; D. G. Creighton, *The Commercial Empire of the St. Lawrence, 1760–1850*; Department of American Studies, Amherst College (Eds.), *Problems in 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*; E. Frickey, *Economic Fluctuations in the United States, 1865–1914*; *Production in the United States, 1860–1914*; P. W. Gates, *The Farmers Age, Agriculture 1815–60*; 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, 1860–97*; H. B. Lary, *The United States in the World Economy*; T. G. Manning and D. M. Potter, *Select Problems in Historical Interpretation*; M. Meyers, *The Jacksonian Persuasion: politics and belief*; 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*; G. R. Taylor, *The Transportation Revolution*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

- 271. The U.S.A. in the 1930s.** Mr. Potter, Mr. Pear and others. Summer Term.

For B.Sc. (Econ.) Part II—Special subject of Economic History (Third Year); and all other Third Year students interested.

Syllabus.—A short course will be held at the beginning of the Summer Term on economic, political and constitutional aspects of the New Deal.

- 272. Economic History of the United States of America (Class).** Dr. Erickson and Mr. Potter.

For B.Sc. (Econ.) Part II—*Economic History of the United States of America from 1783, V 7; VI 7 and 8g* (Third Year).

- 273. Economic History of England from the Norman Conquest to 1485.** Professor Carus-Wilson and Dr. Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject Economic History of England from the Norman Conquest to 1485; and for B.A. Honours in History (Second Year).

Recommended reading.—Books will be recommended during the course.

- 274. Mediaeval Economic History (Classes).** Classes for students taking the B.Sc. (Econ.) Part II—Special subject of Economic History (Mediaeval) will be held by Professor Carus-Wilson and Dr. Bridbury.

- 275. Economic History from the Norman Conquest to 1485 (Classes).** Classes for day and evening students taking this Alternative subject for Part I of the B.Sc. (Econ.) degree will be held by Dr. Bridbury and Miss Coleman.

276. **Economic History, 1575-1642 (Class).** A class for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Professor Fisher.
277. **Modern Economic History, 1830-1886 (Class).** Classes for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Dr. John (day) and Mr. W. M. Stern (evening).

FOR GRADUATE STUDENTS

278. **Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar).** This seminar will be held fortnightly by Dr. A. H. John at the Institute of Historical Research. Admission will be strictly by permission of Dr. John.

INTERNATIONAL HISTORY

289. **Political History, 1763-1939.** Dr. Anderson, Dr. Nish, Mr. Watt and Mr. Dilks. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; LL.B. Intermediate.

Syllabus.—The course will provide a general survey of European history in the period, with some reference also to the United States, 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: D. Thomson, *Europe since Napoleon*; M. Bruce, *The Shaping of the Modern World, 1870-1939*, Vol. 1, 1870-1914; F. L. Bennis, *Europe since 1914 in its World Setting* or F. P. Chambers, *This Age of Conflict*. 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, 1815-1830*; 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, 1915-1945*; A. Vernadsky, *A History of Russia*; D. Mack Smith, *Italy: a Modern History*; A. Nevins, *A brief History of the United States*; H. M. Vinacke, *A History of the Far East in Modern Times*; R. A. Humphreys, *The evolution of Latin America*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is essential.

290. **Political History.** Dr. Hatton, Dr. Bourne, Miss Lee and Mr. Grün. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political History*, I 2a; II 2; IV 2a; V 8k; VII 2; VIII 3; XI 3a; XII 3; XIV 3 (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, 1813-22; 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 of Europe*; Hayes and Cole, *History of Europe*; E. Lipson, *Europe in the 19th Century*; H. G. Nicholas, *American Union*.

This can be followed by the study of a more detailed survey, such as, C. J. Hayes, *A Political and Cultural History of Europe* (any edition, preferably that of 1952); Grant and Temperley, *Europe in the 19th and 20th Centuries* (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 edition); David Thomson, *Europe since Napoleon*. For more advanced reading the volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, can be recommended. The following are useful for non-European developments: S. E. Morison and H. L. Commager, *Growth of the American Republic*, or A. Nevins, *A Brief History of the United States*; R. Muir, *The Expansion of Europe*; Sir John Pratt, *The Expansion of Europe into the Far East*, or K. S. Latourette, *A Short History of the Far East*; M. Bruce, *The Shaping of the Modern World*, Vol. 1, 1870-1914.

A historical atlas is necessary, either Muir's *Historical Atlas*, or Robertson and Bartholomew, *Historical Atlas*, 1789-1914, or Seligman's *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, 1500-1815. Dr. Hatton and Dr. Anderson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*International History*, 1494-1815; XIII 4 (Second Year); B.A. Honours in History (First Year).

Syllabus.—The main aspects of relations between the European powers, with attention to intellectual, military and economic factors. The development of diplomatic organisation will also be studied.

Recommended reading.—

DIPLOMACY AND DIPLOMATIC ORGANISATION: Sir G. Butler and S. Maccoby, *The Development of International Law*; D. P. Heatley, *Diplomacy and the Study of International Relations*; G. Mattingly, *Renaissance Diplomacy*; Sir 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*) (P. Renouvin, Ed.); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française*, Vol. I *Les Mœurs et les Traditions*; *New Cambridge Modern History*, relevant chaps. of Vols. I, II, V and VII (especially Vol. I, chap. ix, Vol. II, chaps. x, xi and xvi, Vol. V, chap. ix, Vol. VII, chaps. ix, xviii-xx). W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes of *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*; Sir A. W. Ward and G. P. Gooch (Eds.), *The Cambridge History of British Foreign Policy*, Vol I; S. F. Bemis, *A Diplomatic History of the United States*; C. de Grunwald, *Trois Siècles de Diplomatie Russe*.

INTERNATIONAL LAW: J. L. Brierly, *The Law of Nations*; P. C. Jessup and others, *Neutrality, its History, Economics and Law* (2 Vols.).

MILITARY AND STRATEGIC BACKGROUND: J. U. Nef, *War and Human Progress*; A. Vagts, *A History of Militarism*; E. M. Earle and others (Ed.), *Makers of Modern Strategy*.

Further reading on particular aspects or periods will be recommended during the course.

292. Diplomatic Relations of the Great Powers, 1815-1914.

Miss Lee and Dr. Lowe. Forty lectures, Michaelmas and Lent Terms (day). Twenty lectures, Sessional (evening).

For B.Sc. (Econ.) Part II—*Diplomatic Relations of the Great Powers*, 1815-1914, XIII 5 (Second Year); *International History*, 1815-1945, V 8c; VI 7 and 8e, XI 4 (Second Year); B.A. Honours in History—Optional subject of Diplomatic Relations since 1815 (Second Year Final); Certificate in International Studies.

(a) **Origin and Character of 19th Century Diplomatic Developments.** Miss Lee. Six lectures.

(b) **The Palmerston-Metternich Era, 1830-1848.** Miss Lee. Six lectures.

(c) **The Bismarck Era, 1848-1890.** Dr. Lowe. Fourteen lectures.

(d) **The Era of the First World War, 1890-1914.** Dr. Lowe. Fourteen lectures.

Recommended reading.—Grant, Temperley, Penson, *Europe in the Nineteenth and Twentieth Centuries* (6th edn. (1952): 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. Cawley, *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*; E. Darmstaedter, *Bismarck and the Creation of the Second Reich*; P. de la Gorce, *Napoleon 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*; W. L. Langer, *European Alliances and Alignments*; *The Franco-Russian Alliance, 1890-1894*; *The Diplomacy of Imperialism*; W. 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, 1914-1945. Mr. Grün and Mr. Watt.

Twenty lectures, Summer Term 1964 for second year students; to be continued for third year students in the session 1964-65.

For B.Sc. (Econ.) Part II—*International History*, 1914-1945, XIII 6 (Second and Third Years); *International History*, 1815-1945, V 8c; VI 7 and 8e; XI 4 (Second and Third Years). B.A. Honours in History—Optional subject of Diplomatic Relations since 1815 (Second and Third Years); Certificate in International Studies.

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*; W. M. Jordan, *Great Britain, France and the German Problem, 1918-1939*; A. Wolfers, *Britain and France between two Wars*; H. V. Hodson, *Slump and Recovery, 1929-1937*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. 952); G. M. Carter, *The British Commonwealth and International Security*; E. H. Carr, *German-Soviet Relations between the two World Wars, 1919-1939*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929-1941*; R. W. van Alstyne, *American Crisis Diplomacy*; 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*; C. Wilmot, *The Struggle for Europe*; W. W. Gottlieb, *Studies in Secret Diplomacy*; Sir Llewellyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; J. Erickson, *The Soviet High Command*; L. E. Kochan, *The Struggle for Germany, 1914-1945*.

Further material for reading will be suggested in the course of the lectures.

294. The Mediterranean in International Politics, 1815-1914.
Miss Lee. Six lectures, Michaelmas Term (day only).

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); and other students interested.

Syllabus.—A study of political, strategic, and economic developments in the Mediterranean region as a factor in international relations, 1815-1914.

Recommended reading.—See bibliography for course 292 and particular study of the following:—J. E. Swain, *Struggle for the Control of the Mediterranean prior to 1848*; F. R. Flounoy, *British Policy towards Morocco in the Age of Palmerston*; V. J. Puryear, *France and the Levant*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*American History Review*, XXXI, 1925-26); W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926-7); A. J. Marder, *The Anatomy of British Sea Power*; J. Tramond and A. Reussner, *Éléments 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 (day only).

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations; 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.—Sir C. P. Lucas, *The Partition and Colonisation of Africa*; Sir H. M. Stanley, *The Congo and the Founding of its Free State*; K. O. Dike, *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, *Germans 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 (day only).

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); and other students interested.

Syllabus.—The changes of 1814-15 within the Northern balance; the Pan-Scandinavian movement 1830-60; the Crimean War; the Slesvig-Holstein crisis 1860-4; 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, and J. H. Jackson; 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*.

297. Naval Disarmament in the Inter-War Years, 1918-1939.
Mr. Watt. Eight lectures, Michaelmas Term (day only).

For students taking B.Sc. (Econ.) Part II—Special subjects of International History and International Relations (Third Year); and other students interested.

Syllabus.—A study of the diplomatic and strategic origins, inspiration, consequences and breakdown of the various provisions, conferences, agreements and treaties for naval

disarmament and limitation from the Armistice provisions of November 1918 to the suspension of the London Naval Treaty of 1936 at the outbreak of the Second World War. The subject will be dealt with in the context of the development of international relations in the inter-war years and for the light it may throw upon more general issues of limitation of armaments by agreement.

Recommended reading.—R. A. Chaput, *Disarmament in British Foreign Policy*; F. A. Johnson, *Defence by Committee*; Harold H. and Margaret T. Sprout, *Toward a New Order of Sea-Power*; Raymond L. Buell, *The Washington Conference and After*; P. T. Noel-Baker, *Disarmament and the Coolidge Conference*; Raymond G. O'Connor, *Perilous Equilibrium*; Merze Tate, *The United States and Armaments*; F. H. Hinsley, *Command of the Sea*; Warner Schilling, "Civil-Naval Relations in World War I", *World Politics*, 1954-55; Frederick Greene, "Military Views of American National Policy 1904-1940", *American Historical Review*, 1961; Gerald E. Wheeler, "Isolated Japan: Anglo-American Diplomatic Co-operation, 1927-1936", *Pacific Historical Review*, 1961; Ernest R. May, "The Development of Political-Military Consultation in the United States", *Political Science Quarterly*, 1955; D. C. Watt, "The Possibility of a Multilateral Arms Race", *International Relations*, 1962.

298. British-American-Russian Relations, 1815-1914. Dr. Anderson, Dr. Nish and Dr. Bourne. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*British-American-Russian Relations, 1815-1914*, XIII 8c (Third Year); B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Third Year); Certificate in International Studies.

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* (4th edn., 1950); S. F. Bemis, *A Diplomatic History of the United States* (3rd edn., 1950); 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*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; P. Joseph, *Foreign Diplomacy in China, 1894-1900*; H. H. Dodwell, *A Sketch of the History of India from 1858 to 1918*; *The Cambridge History of the British Empire*, Vol. 4, Chap. 28, Vol. 5, Chaps. 23 and 25; 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*.

299. The Old Foreign Office, 1815-1861. Dr. Hearder. Twenty lectures, Michaelmas and Lent Terms. This course will not be given in the session 1963-64.

For B.Sc. (Econ.) Part II—*The Old Foreign Office, 1815-1861*, XIII 7a (Third Year).

Syllabus.—The development and working of the British Foreign Office and diplomatic and consular machinery, based on the following authorities:—

Report from the Select Committee appointed to inquire into the Constitution and Efficiency of the Present Diplomatic Service; together with the *Proceedings of the Committee, Minutes of Evidence, Appendix and Index* (23 July 1861); E. Hertslet, *Recollections of the Old Foreign Office* (1901); H. W. V. Temperley and L. M. Penson, *A Century of Diplomatic Blue Books, 1814-1914* (1938).

300. The Great Powers and Egypt, 1882-1888. Miss Lee. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Great Powers and Egypt, 1882-1888*, XIII 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).

301. The Manchurian Crisis, 1931-33. Mr. Grün. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Manchurian Crisis, 1931-1933*, XI 7 and 8c; XIII 7c (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. 1-117; *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*.

FOR REFERENCE.—W. W. Willoughby, *The Sino-Japanese Controversy and the League of Nations*; H. L. Stimson, *The Far Eastern Crisis*; S. R. Smith, *The Manchurian Crisis, 1931-1932*; R. Bassett, *Democracy and Foreign Policy*; Documents on British Foreign Policy, 1919-1939, Second Series, Vol. VIII.

302. Anglo-German Naval Diplomacy, 1933-1939. Mr. Watt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Anglo-German Naval Diplomacy, 1933-1939*, XI 7 and 8c; XIII 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).

303. International Economic History, 1850-1945. Mr. W. M. Stern. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*International Economic History, 1850-1945*, V 8d; VI 7 and 8f (Second or Third Year); XIII 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 it, 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*; Royal Institute of International Affairs, *The Problem of International Investment*; United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svernilson).

E. Hexner and A. Walters, *International Cartels*; M. Hill, *The Economic and Financial Organization of the League of Nations*; O. J. Lissitzyn, *International Air Transport and National Policy*; L. L. Lorwin, *The International Labor Movement*; E. S. Mason, *Controlling World Trade*; A. Plummer, *International Combines in Modern Industry*; J. Price, *The International Labour Movement*; J. T. Shotwell (Ed.), *The Origins of the International Labor Organization*; A. Sturmthal, *Unity and Diversity in European Labor*.

W. Y. Carman, *A History of Firearms from Earliest Times to 1914*; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; A. J. Marder, *British Naval Policy, 1880-1905*; J. T. W. Newbold, *How Europe Armed for War (1871-1914)*; E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833-1914*; *Survey of International Affairs, 1939-46*, Vol. I, *The World in March, 1939*, Part II (Royal Institute of International Affairs); Y.-L. Wu, *Economic Warfare*.

305. Political History (Class). Fortnightly classes for the discussion of historical topics will be held throughout the session by members of the Department for first-year day students taking the paper in Political History, B.Sc. (Econ.) Part I and LL.B. Intermediate. Classes for evening students will begin in the Summer Term of the first year and continue through the Michaelmas and Lent Terms of the second year.

306. Political History (Class). Fortnightly classes for the discussion of historical topics will be held by members of the Department in the Michaelmas and Lent Terms for Third Year students taking the paper in Political History, B.Sc. (Econ.) Part II. A preliminary meeting will be held in the preceding Summer Term.

307. International History, 1500-1815 (Class). Fortnightly classes will be held by Dr. Anderson and Dr. Hatton throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

308. International History, 1815-1945 (Class). Fortnightly classes will be held by Miss Lee, Mr. Grün and Mr. Watt throughout the session for B.Sc. (Econ.) Part II students specialising in International History.

309. International History, 1815-1945 (Class). Fortnightly classes will be held by Mr. Dilks throughout the session for B.Sc. (Econ.) Part II students other than International History specialists.

FOR GRADUATE STUDENTS

312. **International History in the Eighteenth Century (Seminar).** This seminar will be held fortnightly throughout the session by Dr. Hatton at the Institute of Historical Research. Admission will be strictly by permission of Dr. Hatton.
313. **International History, 1815-1939 (Introductory course).** A class for beginners in research on the sources and methods of research in modern diplomatic history, at the Institute of Historical Research. Dr. Anderson. Michaelmas Term.
314. **International History, 1815-1939 (Seminar).** This seminar will be held by Professor Medlicott and Dr. Bourne at the Institute of Historical Research. Admission will be strictly by permission of Professor Medlicott.
315. **The Diplomatic Background of the Second World War (Seminar).** Professor Medlicott, Mr. Grün and Mr. Watt. Admission will be strictly by permission of Professor Medlicott.

Reference should also be made to the following courses:—

- No. 334.—**European History, 1500-1800 (Classes).**
 No. 335.—**European History since 1800 (Classes).**
 No. 346.—**The Near Eastern Question, 1875-1881 (Intercollegiate Seminar).**
 No. 507.—**International Institutions.**
 No. 669.—**Current Problems in the Middle East and North Africa (Seminar).**

**GENERAL AND SPECIAL COURSES FOR
 B.A. HONOURS IN HISTORY (and for
 B.A. Honours in Geography with
 History Subsidiary)**

325. **English History before 1400.** Dr. Waley. Forty lectures in two sessions.

For B.A. Honours in History (First and Second Years).

Recommended reading.—The best text-books are: R. G. Collingwood and J. N. L. Myres, *Roman Britain and the English Settlements*; F. M. Stenton, *Anglo-Saxon England*; A. L. Poole, *From Domesday Book to Magna Carta*; F. M. Powicke, *The Thirteenth Century*; M. McKisack, *The Fourteenth Century, 1307-1399*; Oxford History of England, Vols. 1-5.

Other specially recommended works are: W. Stubbs, *Constitutional History of England*; F. Pollock and F. W. Maitland, *History of English Law*; R. H. Hodgkin, *History of the Anglo-Saxons* (edn. 3); F. M. Stenton, *The First Century of English Feudalism*; A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries*; E. Power, *Medieval People* (Pelican Books).

Further books will be recommended during the course.

326. **Mediaeval English History (Classes).** Classes will be held throughout the session for students taking B.A. Honours in History.

327. **English History, 1400-1603.** Mrs. Carter. Twenty-five lectures, Sessional.

For B.A. Honours in History (First and Second Years).

Recommended reading.—Introductory surveys: A. R. Myers, *England in the Late Middle Ages*; S. T. Bindoff, *Tudor England* (vols. 4 and 5 of the Pelican History of England). E. F. Jacob, *The Fifteenth Century*; J. D. Mackie, *The Earlier Tudors* and J. B. Black, *The Reign of Elizabeth* in the Oxford History of England, give extended narrative coverage of the period. Students may also like to consult A. G. Dickens, *Lollards and Protestants in the Diocese of York* and *Thomas Cromwell and the English Reformation*; G. R. Elton, *The Tudor Constitution*; and J. E. Neale, *Elizabeth I and her Parliaments*.

Further books will be recommended during the course.

328. **English History, 1603-1760.** Mrs. Carter. Twenty lectures, Sessional. (This course will not be given in the session 1963-64; it will be given in the session 1964-65.)

For B.A. Honours in History (First and Second Years) and for students taking History as a subsidiary subject to B.A. Honours in Geography.

Recommended reading.—Introductory surveys: J. E. C. Hill, *The Century of Revolution*; Dorothy Marshall, *Eighteenth Century England* (vol. 7, *History of England*, Gen. Ed. W. N. Medlicott). Students may also like to consult Sir G. N. Clark, *The Seventeenth Century*; R. H. Tawney, *Business and Politics under James I*; C. V. Wedgwood, *The King's Peace*; *Oliver Cromwell*; J. P. Kenyon, *Robert Spencer, Earl of Sunderland*; J. H. Plumb, *Sir Robert Walpole*; and some of the essays in Richard Pares, *The Historian's Business*.

Further books will be recommended during the course.

329. **English History from 1400 to 1760 (Classes).** Classes and tutorials will be held by Mrs. Carter throughout the session for students taking B.A. Honours in History.
330. **English History, 1760 to the present day.** Dr. Brown. Forty lectures, Sessional.
For B.A. Honours in History.
Recommended reading.—References for reading will be given during the course.
331. **English History, 1760 to the present day (Classes).** Classes and tutorials will be held by Dr. Brown throughout the session for students taking B.A. Honours in History.
332. **European History, 1200-1500.** Dr. Waley. Twenty-five lectures.
For B.A. Honours in History (First and Second Years).
Recommended reading.—Books will be recommended during the course.
333. **Mediæval European History (Classes).** Classes will be held by Dr. Waley throughout the session for students taking B.A. Honours in History.
334. **European History, 1500-1800 (Classes).** Classes will be held by Dr. Anderson and Dr. Hatton throughout the session for students taking B.A. Honours in History.
335. **European History since 1800 (Classes).** Classes will be held throughout the session for students taking B.A. Honours in History.
336. **The History of Ancient and Mediæval Political Thought.** Dr. Sharp. Twenty lectures in two terms.
For B.A. Honours in History (First Year).
Recommended reading.—TEXTS: Plato, *Republic* (trans. F. M. Cornford); Aristotle, *Politics* (trans. E. Barker); St. Augustine, *De Civitate Dei*, Book XIX (Everyman edn.); John of Salisbury, *Policraticus* (trans. J. Dickinson); St. Thomas Aquinas, *Selected Political Writings* (Ed., A. P. d'Entrèves); Dante, *De Monarchia* (trans. P. H. Wicksteed).
GENERAL: E. Barker, *From Alexander to Constantine*; M. Bowra, *The Greek Experience*; M. Foster, "Plato to Machiavelli" in E. M. Salt (Ed.), *Masters of Political Thought*, Vol. 1; C. H. McIlwain, *Growth of Political Thought in the West*; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; G. Glotz, *The Greek City*; W. W. Tarn, *Hellenistic Civilization* (2nd edn.); L. Homo, *Roman Political Institutions*; G. de Lagarde, *La Naissance de l'Esprit laïque*, Vols. I and II (2nd edn.); E. Lewis, *Mediæval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity*; W. Ullman, *Principles of Government and Politics in the Middle Ages*.
337. **The History of Political Thought.** Classes will be held by Dr. Sharp and Dr. Morrall in the Michaelmas and Lent Terms for students taking B.A. Honours in History.

338. **English Constitutional History before 1450 (Class).** Professor Plucknett will hold a weekly class during the session on English Constitutional History before 1450, for students taking B.A. Honours in History (Second Year) and B.Sc. (Econ.) Part II—Special subject of Economic History (Mediæval), Option 7 and 8(a).
Syllabus.—Local institutions, and social structure as shown in early English Law. Feudalism, and its political aspects.
Central organs of government: the Crown, the council and the judicial system. Administration through the household, exchequer, sheriffs and commissions.
Origin and development of parliament; relations of king, barons and commons in general politics, as illustrated in the principal constitutional crises of the period. Relations with the papacy and clergy.
Recommended reading.—As an introduction: T. P. Taswell-Langmead, *English Constitutional History* (11th edn.); J. E. A. Jolliffe, *Constitutional History of Medieval England*. The best text-book is W. Stubbs, *Constitutional History of England*, especially Vols. II and III.
Other works which may be consulted are: J. F. Baldwin, *The King's Council*; W. A. Morris, *The Medieval English Sheriff*; R. L. Poole, *The Exchequer in the Twelfth Century*; D. Pasquet, *Essay on the Origins of the House of Commons*; M. V. Clarke, *Medieval Representation and Consent*; T. F. T. Plucknett, *Legislation of Edward I*; F. M. Stenton, *First Century of English Feudalism*; G. O. Sayles, *Medieval Foundations of England*; T. F. Tout, *Edward II; Chapters in the Administrative History of Medieval England*; A. B. Steel, *Richard II*; J. Tait, *The Medieval English Borough*; H. M. Cam, *Liberties and Communities*; D. C. Douglas (Ed.), *English Historical Documents*.
Frequent reference should be made to W. Stubbs' *Select Charters*, and to E. C. Lodge and G. A. Thornton's *English Constitutional Documents*.
339. **English Constitutional Documents (Mediæval) (Class).** A class for students taking B.A. Honours in History (Second Year) will be held by Professor Plucknett in the Lent and Summer Terms.
Students should endeavour to get copies of W. Stubbs, *Select Charters* (8th or 9th edition), and E. C. Lodge and G. A. Thornton (Eds.), *English Constitutional Documents*.
340. **Constitutional History of England, from the end of the Eighteenth Century to the present day (Class).** Dr. Brown will hold classes in the Michaelmas and Lent Terms for students taking B.A. Honours in History (with Optional subject of English Constitutional History) and others.
341. **English Economic History.** Classes for students taking B.A. Honours in History with Optional subject of English Economic History will be held throughout the session by Professor Carus-Wilson and others.
342. **The Civilisation of the Renaissance in Italy, 1400-1550.** Classes will be held at the Warburg Institute in the Michaelmas Term by Dr. Waley and others for students taking B.A. Honours in History with Optional subject of the Civilisation of the Renaissance in Italy, 1400-1550.

343. **Diplomatic History, 1814-1945.** Classes for students taking B.A. Honours in History with Optional subject Diplomatic History, 1814-1945 will be held by Dr. Nish.
344. **The Economy of England in the Fifteenth Century (Classes).** Classes will be held by Professor Carus-Wilson throughout the session for students taking B.A. Honours in History with the Special subject The Economy of England in the Fifteenth Century.
345. **Florence during the Renaissance, 1464-1530 (Intercollegiate).** Classes will be held throughout the session by Dr. Waley for students taking B.A. Honours in History with special subject of Florence during the Renaissance, 1464-1530.
346. **The Near Eastern Question, 1875-1881 (Intercollegiate Seminar).** A seminar will be held on Monday afternoons by Professor Medlicott and Dr. Bourne, starting in the Summer Term, for B.A. Honours students taking the Special subject of the Near Eastern Question, 1875-1881.
347. **English and European History from 1760 to the present day (Classes).** Classes and tutorials will be held throughout the session by Dr. Brown on the outlines of English and European History, for students taking History as a subsidiary subject to B.A. Honours in Geography.

Note.—Intercollegiate lecture courses covering the field of Medieval 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. 263.—Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries.
 No. 264.—English Economic History in its European Background, 1700-1850.
 No. 273.—Economic History of England from the Norman Conquest to 1485.
 No. 289.—Political History, 1763-1939.
 No. 290.—Political History.
 No. 291.—International History, 1500-1815.
 No. 292.—Diplomatic Relations of the Great Powers, 1815-1914.
 No. 293.—International History, 1914-1945.
 No. 294.—The Mediterranean in International Politics, 1815-1914.
 No. 296.—The Baltic in International Politics since 1815.
 No. 298.—British-American-Russian Relations, 1815-1914.
 No. 564.—English Constitutional History since 1660.
 No. 838.—Feudal Society.

INTERNATIONAL STUDIES

The majority 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 many 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 102 to 122, pp. 310 to 314.
International History: Courses 289 to 315, pp. 347 to 354.
International Law: Courses 371 and 372, pp. 368, 369 and, particularly,
International Relations: Courses 500 to 529, pp. 405 to 414.

LAW

LAW

360. English Constitutional Law. Professor de Smith and Mr. Bentley. Forty lectures, Sessional (day), 25 lectures of one-and-a-half hours (evening).

For LL.B. Intermediate; the B.A. General.

Syllabus.—The nature of constitutional law—sources and characteristics of English constitutional law—separation of powers—the supremacy of Parliament—constitutional conventions.

Parliament, its meeting, composition, functions, powers and procedure—control of national finance—parliamentary privilege.

The Executive—the monarchy—royal prerogative—the Privy Council—Cabinet government—the position of the Prime Minister—ministerial responsibility—the Crown and foreign relations.

The constitutional position of the Judiciary—administrative law in England—types of governmental powers—remedies against public authorities—the Crown in litigation—delegated legislation—the rule of law.

The citizen and the State—liberties of the subject—emergency powers—military and martial law.

The British Commonwealth—the main forms of constitutional development and structure within 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.—E. C. S. Wade and G. G. Phillips, *Constitutional Law* (6th edn.); or O. Hood Phillips, *Constitutional and Administrative Law* (3rd edn.); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.); or O. Hood Phillips, *Leading Cases in Constitutional Law* (2nd edn.).

FURTHER READING: A. V. Dicey, *Introduction to the Study of the Law of the Constitution* (10th edn.); W. I. Jennings, *The Law and the Constitution* (5th edn.); A. Denning, *Freedom under the Law*; L. S. Amery, *Thoughts on the Constitution* (2nd edn.); G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; R. F. V. Heuston, *Essays in Constitutional Law*.

FOR REFERENCE: W. R. Anson, *Law and Custom of the Constitution* (Vol. I, 5th edn.; Vol. II, 4th edn.); W. I. Jennings, *Cabinet Government* (3rd edn.); *Parliament* (2nd edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn.); H. W. R. Wade, *Administrative Law*; W. I. Jennings, *Constitutional Laws of the Commonwealth* (Vol. I, Chaps. 1-3); S. A. de Smith, *Judicial Review of Administrative Action*; K. C. Wheare, *The Constitutional Structure of the Commonwealth*.

361. English Legal System. Professor Wheatcroft and Mr. Dworkin. Thirty lectures, Michaelmas and Lent Terms (day), Mr. Dworkin, 25 lectures of one-and-a-half hours (evening).

For LL.B. Intermediate; and for Academic Postgraduate Diploma in Law.

Syllabus.—The major divisions of English Law. The origins of the Common Law. A general outline of the forms of action and their influence on the development of the Common Law with special reference to property, contract and tort; development of distinction between crime and tort. The incorporation of the law merchant. The development of the system of equity. The sources of English law. The development and present organisation of the civil and criminal courts; general nature of administrative law and tribunals. The organisation of the legal profession. Outlines of civil and criminal procedure and civil remedies.

Recommended reading.—G. L. Williams, *Learning the Law* (6th edn.); R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); O. Hood Phillips, *First Book of English Law* (4th edn.).

362. Elements of the Law of Contract. Mr. Grunfeld and Mr. Cornish. Forty lectures, Michaelmas and Lent Terms, for day students. Twenty-five lectures, each of one-and-a-half hours, Sessional, for evening students.

A class for discussion will be held at a time to be arranged.

For LL.B. Intermediate and B.A. General.

Syllabus.—

(1) Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality.

(2) Content: interpretation of express terms, doctrine of the implied term, judicial and legislative control of imposed contracts.

(3) Privity: rights, obligations, exemption clauses. (Note: assignment and agency are excluded.)

(4) Performance: due performance, calling the contract off, varied performance, failure in performance—(a) frustration, (b) breach of contract.

(5) Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action. (Note: quasi-contract is excluded.)

Recommended reading.—J. C. Smith and J. A. C. Thomas, *Casebook on Contract*; G. H. Treitel, *The Law of Contract*; G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; P. S. Atiyah, *Introduction to the Law of Contract*; W. R. Anson, *Principles of the English Law of Contract*; D. Hughes Parry, *The Sanctity of Contracts in English Law*.

Further reading.—J. Chitty, *Treatise on the Law of Contracts* (Vol. I); R. Sutton and N. P. Shannon, *Contracts*; J. F. Wilson, *Principles of the Law of Contract*; F. Pollock, *Principles of Contract*.

Students should always use the latest editions of the above books.

363. Criminal Law. Mr. Hall Williams, Mr. Downey and Mr. D. A. Thomas. Forty-six lectures (day), 25 lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Final, Part I.

Syllabus.—Definition and classification of crimes, and the general nature of criminal law. General principles of responsibility. Exemptions from responsibility and defences. Degrees of participation. Preliminary crimes.

Offences against the person. Murder, manslaughter, infanticide, child destruction, suicide. Wounding and assaults.

Offences against Property. Legal theories of ownership, possession and custody in relation to criminal law. Larceny, robbery, blackmail, false pretences, cheat, personation. Embezzlement, falsification of accounts, fraudulent conversion, obtaining credit by fraud. Receiving. Burglary, housebreaking and sacrilege. Arson and malicious damage. Forgery.

Offences of a Public Nature. Perjury, bigamy, criminal libel, conspiracy and public mischief.

Recommended reading.—C. S. Kenny, *Outlines of Criminal Law* (Ed., J. W. C. Turner, omitting parts concerning Procedure and Evidence); R. Cross and P. A. Jones, *Introduction to Criminal Law* (omitting parts concerning Procedure and Evidence); J. W. C. Turner and A. Ll. Armitage, *Cases on Criminal Law*; R. Cross and P. A. Jones, *Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*.

For further reading:—W. O. Russell, *Crime* (Ed., J. W. C. Turner); G. L. Williams, *Criminal Law—The General Part*; D. R. S. Davies and others, *The Modern Approach to Criminal Law*; J. Ll. J. Edwards, *Mens Rea in Statutory Offences*; Report of the U.K. Royal Commission on Capital Punishment, 1949–53 (Cmd. 8932); J. F. Stephen, *A History of the Criminal Law of England*; P. J. Fitzgerald, *Criminal Law and Punishment*.

The following should be purchased by the student: The Larceny Act, 1916; The Homicide Act, 1957; Criminal Law Revision Committee *Second Report (Suicide)* 1960 (Cmd. 1187); The Suicide Act 1961.

364. Sentencing and the Treatment of Offenders. Mr. Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Parts I and II; B.A./B.Sc. (Sociology) Option I 8 and 9d (Second Year students); B.Sc. (Econ.) Part II—*Criminology*, VIII 8c; LL.M.; Academic Postgraduate Diploma in Law.

Syllabus.—The aims of punishment for crime. The sentencing process. A brief account of current trends in the treatment of offenders.

Recommended reading.—H. Mannheim, *Criminal Justice and Social Reconstruction*; Sir L. Page, *The Sentence of the Court*; P. J. Fitzgerald, *Criminal Law and Punishment*; H. L. A. Hart, *Punishment and the Elimination of Responsibility*; Report of the Interdepartmental Committee on the Business of the Criminal Courts (The Streatfeild Committee) February 1961, Cmd. 1289; *The Treatment of Offenders in Britain*, U.K. Central Office of Information, February 1960, H.M.S.O.; Howard Jones, *Crime and the Penal System*.

365. English Law—Tort. Mr. Dworkin and Mr. Evans. Fifty lectures, Sessional, for day students. Twenty-five lectures, each of one-and-a-half hours, Sessional, for evening students.

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 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.—TEXT-BOOKS: Sir 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.).

FURTHER READING: C. A. Wright, *Cases on the Law of Torts* (2nd edn.); J. F. Clerk and W. H. B. Lindsell, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts*.

366. Law of Trusts. Professor Wheatcroft and Mr. Evans. Forty-four lectures, Sessional (day); twenty-five lectures, Sessional (evening).

For LL.B. Part I.

Syllabus.—The general nature of equitable principles and remedies. The doctrines of conversion and reconversion. Election, satisfaction, performance and ademption, equitable and legal 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.—TEXT-BOOKS: G. W. Keeton, *An Introduction to Equity*; G. W. Keeton, *The Law of Trusts*; G. W. Keeton, *Cases on Equity and 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.); J. A. Nathan, *Equity through the Cases*; G. W. Keeton, *Social Change in the Law of Trusts*.

Students should consult the latest editions of these books.

367. English Land Law. Dr. Valentine. Twenty-five lectures, Sessional. This course will be given in the day and in the evening.

For LL.B. Final, Part I and Part II.

Syllabus.—The general principles of English Land Law under the system of unregistered and registered titles, comprising the following matters:—

The general nature and classification of estates and interests in land; the principles of the 1925 legislation.

Estate ownership in fee simple; estate ownership and powers of disposition under the Settled Land Act, 1925 and trusts for sale; the principal restrictions on the use and enjoyment of land, in outline only.

The term of years absolute; its nature, creation, assignment and determination; the principal statutory provisions concerning security of tenure, in outline only; covenants running with the land and the reversion.

Legal and equitable interests enforceable against the land; easements and *profits à prendre* and kindred interests; covenants running with the land at law and in equity; licences; the provisions of the Land Charges Act, 1925.

Equitable interests arising under settlements and trusts; life interests; entailed interests; equitable powers; interests in possession and expectancy; the present rules against remoteness. Concurrent interests in land.

Mortgages; nature and creation; the equity of redemption; priority of mortgages.

Registration of title; the nature and extent of interests capable of registration; overriding interests; minor interests; indefeasibility of title.

Recommended reading.—TEXT-BOOKS: G. C. Cheshire, *The Modern Law of Real Property* (8th edn.); R. E. Megarry, *A Manual of the Law of Real Property* (2nd edn.).

FURTHER READING: R. E. Megarry and H. W. R. Wade, *The Law of Real Property* (2nd edn.); H. J. Hood and H. W. Challis, *Property Acts* (8th edn.); G. H. Curtis and T. B. F. Ruoff, *Registered Conveyancing*.

368. Jurisprudence and Legal Theory. Mr. Tapper and Mr. Bentley. Fifty lectures, Sessional (day), twenty-five lectures of one-and-a-half hours (evening).

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 TEXT-BOOKS: D. Lloyd, *Introduction to Jurisprudence*; Sir C. K. Allen, *Law in the Making*.

MAIN SOURCES: St. Thomas Aquinas, *Summa Theologica*; T. Hobbes, *Leviathan*; J. Locke, *The 2nd Treatise on Civil Government*; J. J. Rousseau, *The Social Contract*; J. Bentham,

A fragment on Government and An introduction to the Principles of Morals and Legislation; 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*; 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*.

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.).

369. Administrative Law. Professor Griffith and Mr. Bentley. Twenty-five lectures, Sessional.

For LL.B. Final.—Optional subject of Administrative Law; Diploma in Public Administration.

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.—TEXT-BOOKS: J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn. 1963); 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*; G. L. Williams, *Crown Proceedings*; C. K. Allen, *Law and Orders* (2nd edn. 1956); W. O. Hart, *Introduction to the Law of Local Government and Administration* (7th edn. 1962); L. C. A. Cross, *Principles of Local Government Law* (2nd edn. 1962); G. F. M. Campion (Lord Campion) and others, *British Government since 1918*; *Parliament: A Survey* (especially Ch. II); H. S. Morrison, *Government and Parliament*; R. M. Jackson, *The Machinery of Local Government*; W. I. Jennings, *Parliament* (2nd edn. 1957); *Cabinet Government* (2nd edn. 1951); 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*; W. G. Friedmann, *Law and Social Change in Contemporary Britain* (esp. Chap. 9); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.).

GOVERNMENT PUBLICATIONS: *Report of the Committee on Ministers' Powers* (Cmd. 4060, 1931-1932); *Reports of Select Committee on Nationalised Industries*; *Reports of Select Committee on Statutory Instruments*; *Report of the Committee on Administrative Tribunals and Enquiries* (Cmd. 218, 1957).

PERIODICALS: That particularly concerned with administrative law is *Public Law*. Articles on the subject also appear in *The Modern Law Review*, *Law Quarterly Review*, and *Cambridge Law Journal*.

370. History of English Law. Professor Plucknett. Twenty-five lectures, Sessional (day only).

For LL.B. Final, 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.

371. Public International Law. Professor Johnson and Mr. Thornberry. Forty lectures (day); Dr. Valentine. Twenty lectures (evening). Michaelmas and Lent Terms.

For LL.B. Final, Part II; B.Sc. (Econ.) Part I—Alternative subject of Elements of International Law; B.Sc. (Econ.) Part II—*International Law* (Third Year), I 3k; II 3h; XI 3b or 8b; XIII 3c; and for the Certificate in International Studies.

Syllabus.—Foundations of International Law:—Historical, Sociological and Ethical Background—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—Airspace—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.—TEXT-BOOKS: J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.); J. G. Starke, *An Introduction to International Law* (4th edn.).

CASE-BOOK: L. C. Green, *International Law through the Cases* (2nd edn.).

FURTHER READING: L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn., with special reference to Part I; Part II, Chap. I, sections 1 and 2, and Chap. II, and Part III, Chap. I, sections 2 and 3); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *International Organization*; *Year Book of World Affairs*.

372. Introduction to Sea and Air Law. Professor Johnson. Ten lectures, Lent Term.

For LL.B. Final, Part II; B.Sc. (Econ.) Part II—*International Law*, I 3k; II 3h; XI 3b or 8b; XIII 3c (Third Year); and for Graduate Students.

Syllabus.—INTRODUCTION. History—Sources.

DELIMITATION OF THE RELEVANT AREAS. Internal Waters. Territorial sea. Contiguous zone. Bays. Harbour works and roadsteads. Islands and low-tide elevations. International straits. High seas. Continental shelf. Air space. Outer space.

BASIC PRINCIPLES. Freedom of the Seas. Freedoms of the Air. Exceptions.

LEGAL REGIME OF SHIPS AND AIRCRAFT. Nationality of ships. Flags of convenience. Warships and Government-owned ships on non-commercial service. Government-owned merchant ships. Privately-owned merchant ships. Nationality of aircraft. State aircraft. Civil aircraft. Pilotless aircraft. Space vehicles. Safety at sea and in the air. Collision, wreck and salvage.

SEA AND AIR LAW IN TIME OF WAR. Rules of naval warfare. Neutrality in naval warfare. The Hague Air Warfare Rules, 1923.

INTERNATIONAL MARITIME AND AVIATION ORGANISATIONS. The Inter-governmental Maritime Consultative Organisation. The International Civil Aviation Organisation. The International Air Transport Association.

UNITED KINGDOM LEGISLATION. With particular reference to Territorial Waters Jurisdiction Act, 1878. Maritime Conventions Act, 1911. Merchant Shipping Acts. Oil in Navigable Waters Acts. Civil Aviation Act, 1949. Air Corporations Act, 1949. Civil Aviation (Licensing) Act, 1960.

Recommended reading.—C. J. Colombos, *International Law of the Sea* (5th edn.); H. A. Smith, *The Law and Custom of the Sea* (3rd edn.); B. Cheng, *The Law of International Air Transport*; A. D. McNair, *The Law of the Air* (2nd edn.).

Further reading.—T. W. Fulton, *Sovereignty of the Sea*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; R. Temperley's *Merchant Shipping Acts* (5th edn.); W. R. Kennedy, *Civil Salvage* (4th edn.); R. G. Marsden, *Collisions at Sea* (11th edn.); C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *The Journal of Air Law and Commerce*; *Year Book of World Affairs*.

373. Introduction to Air Law. Professor Johnson and Dr. Mann. Ten lectures, Lent Term. (This Course will not be given in the session 1963-64.)

374. Conflict of Laws. Professor Kahn-Freund and Dr. Mann. Thirty-five lectures, Sessional (day only).

For LL.B. Final, 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* (6th edn.); R. H. Graveson, *Conflict of Laws* (4th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.).

FOR PRELIMINARY READING: J. A. C. Thomas, *Private International Law*.

FOR REFERENCE: Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.); C. M. Schmitthoff, *A Textbook of the English Conflict of Laws* (3rd edn.); M. Wolff, *Private International Law* (2nd edn.).

PERIODICALS: Articles on this subject appear in the *British Year Book of International Law*; the *Law Quarterly Review*; *The International and Comparative Law Quarterly*; and *The Modern Law Review*.

375. Succession, Testate and Intestate. Miss Stone. Twenty-five lectures, Sessional.

For LL.B. Final, Part II.

Syllabus.—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.

Intestate Succession: Outline of the history of the rules of inheritance and succession on intestacy; modern rules of succession; rules as to grant of administration (in outline only).

Devolution of Property on Executors and Administrators: 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.—TEXT-BOOKS: D. Hughes Parry, *The Law of Succession* (4th edn.); S. J. Bailey, *The Law of Wills* (5th edn.). FOR REFERENCE: T. Jarman, *A Treatise on Wills* (8th edn.); E. V. Williams, *A Treatise on the Law of Executors and Administrators* (14th Edn.); H. S. Theobald, *The Law of Wills* (10th edn.).

376. Mercantile Law—Agency and Sales and Other Dispositions of Goods. Mr. Diamond (day); Mr. Downey (evening). Twenty-five lectures, Sessional.

For LL.B. Final, Part II. Other students will be admitted only by permission of the lecturer.

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 Text-books: 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.* Main Text-books: 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*; C. M. Schmitthoff, *The Export Trade*; G. W. Paton, *Bailment in the Common Law.* 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 edition of recommended text-books.

[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 and 1954.]

377. Industrial Law. Professor Kahn-Freund (day), Mr. Grunfeld (evening). Twenty-five lectures, Sessional.

For LL.B. Final, Part II—Optional subject of Industrial Law.

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. Termination of the contract. 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.

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, inducing a breach of contract, and intimidation, at common law, and under the Trade Disputes Act, 1906.

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.

Comparison with certain aspects of Labour Law in the United States, in Australia, and on the Continent of Europe.

History of Social Insurance Legislation in Britain. The break-up of the Poor Law. The Beveridge Report and its underlying "assumptions". Survey of legislation designed to secure "freedom from want": the National Insurance Acts, the National Insurance (Industrial Injuries) Acts, the Family Allowances Acts, the National Assistance Act. Supplementary legislation: the Disabled Persons (Employment) Acts, and the Employment and Training Act. The separation of the health services from the insurance scheme: the National Health Service Acts.

The Ministry of National Insurance. Benefits as of right and discretionary benefits. Classification of insured persons. Benefits under the National Insurance Acts, with special emphasis on unemployment benefit, its duration, and conditions of qualification and disqualification. Industrial injury benefit, industrial disablement benefit, and industrial death benefit. Industrial accidents and industrial diseases. "Alternative Remedies."

Enforcement of Claims.

Recommended reading.—See the bibliography of Course No. 390. Law students should particularly use the following works: W. Mansfield Cooper, *Outlines of Industrial Law*; F. Tillyard, *The Worker and the State*; F. R. Batt, *The Law of Master and Servant*; 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*; D. Lloyd, *Law Relating to Unincorporated Associations*; Lord Beveridge, *Social Insurance and Allied Services*; 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; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration*; C. Grunfeld, *Trade Unions and the Individual in English Law* (Institute of Personnel Management); 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*.

Students should always use the latest editions of the above books.

378. Law of Domestic Relations. Professor Kahn-Freund and Mrs. Aikin, Mr. Davies and Dr. James (K.C.). Two hours weekly in the Michaelmas Term and the first half of the Lent Term and one hour weekly for the remainder of the session for day students, one-and-a-half hours weekly for evening students, Sessional. Lectures will be given at King's College in the Michaelmas Term and, for evening students, in the first two weeks of the Lent Term and at the School for the remainder of the session.

For LL.B. Final, 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 property. Possession and the right to possession of the matrimonial home and its contents. 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.—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* (The Morton Commission), 1956, Cmd. 9678.

TEXT-BOOKS: J. Jackson, *The Law relating to the formation and annulment of marriage*; P. M. Bromley, *Family Law* (2nd edn.); D. Tolstoy, *The Law and Practice of Divorce*; either L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Courts* or L. M. Pugh, *Matrimonial Proceedings before Magistrates*; J. Biggs, *The Concept of Matrimonial Cruelty*; W. Clarke Hall and A. C. L. Morrison, *Law relating to Children and Young Persons* (6th edn.); T. E. James, *Child Law*.

Students should also read articles in *The Modern Law Review* and *The Law Quarterly Review* on recent statutes and court decisions.

REFERENCE BOOKS: W. Latey, *Law of Divorce*; W. Rayden, *Practice and Law in the Divorce Division of the High Court of Justice and on Appeal therefrom*; R. H. Graveson and F. R. Crane (Eds.), *A Century of Family Law*; *Report of the Committee on the Care of Children* (The Curtis Committee), Cmd. 6922.

The latest editions of all books should be used.

379. Introduction to Comparative Law. Professor Kahn-Freund. Ten lectures, Michaelmas Term.

For LL.B. Final, Part II; and for graduate law students. Others will only be admitted by permission of Professor Kahn-Freund.

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, *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*.

380. Law of Evidence. Mr. Tapper, Mr. Thornberry and Mr. D. A. Thomas. Fifty lectures, Sessional.

For LL.B. Final, Part I and 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 gestæ.

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.—TEXT-BOOKS: R. Cross, *Evidence*; G. D. Nokes, *An Introduction to Evidence*; E. Cockle's *Cases and Statutes on Evidence* (9th 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's *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*.

381. English Legal Institutions. Mr. Diamond and Mr. Thornberry. Twenty lectures, Michaelmas and Lent Terms (day and evening).

For B.Sc. (Econ.), Part I. Alternative subject 5.

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 main classifications of English law, with particular reference to constitutional and administrative law, criminal law, contract and tort. 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. Legal persons, natural and artificial. 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*.

TEXT-BOOKS: 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: R. Rubinstein, *John Citizen and the Law*; A. T. Denning, *Freedom under the Law*; *The Changing Law*; *The Road to Justice*; P. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; G. L. Williams, *The Proof of Guilt*; F. T. Giles, *The Criminal Law*; *The Magistrates' Courts*; *Children and the Law*.

Students should consult the latest editions of these books.

382. The Common Law: With special reference to Commercial and Labour Relations. Mr. Grunfeld. Twenty lectures, Michaelmas and Lent Terms.

Law of Contract, first fourteen weeks.
Contract of Employment and Law of Tort, last six weeks.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7, IV 6 (Law of Contract lectures only); *Labour, including Law of Labour and Social Insurance*, III 6a (whole course) (Second Year).

Syllabus.—I. LAW OF CONTRACT:

- (1) Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality (restraint of trade).
- (2) Content: implied term, control of exemption clauses.
- (3) Privity: rights, obligations; assignment.

(4) Performance: due performance, calling off the contract, varied performance, failure in performance—(a) frustration, (b) breach of contract.

(5) Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action.

2. CONTRACT OF EMPLOYMENT:

(1) Voluntary nature of employment: employer's freedom to employ whom he pleases, employee's freedom to work for whom he pleases.

(2) Common law rights of employee: work to do, wages during sickness, expenses, safety of belongings, wrongful dismissal, testimonial.

(3) Disciplinary powers of employer: common law duties of employee, common law sanctions, contractual sanctions.

3. LAW OF TORT AND LABOUR RELATIONS:

(1) Negligence and general defences: duty of care, breach and causation, remoteness of consequences, contributory negligence, *volenti non fit injuria*, act of God, inevitable accident.

(2) Employer's liability for safety and health of employees: common law duties, defences, breach of statutory duty, defences, calculation of damages. Occupiers Liability Act, 1957.

(3) *Respondeat superior*: "servant", course of employment.

(4) Labour-management relations: inducing or procuring breach of contract, conspiracy.

Recommended reading.—I. LAW OF CONTRACT: 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*; J. F. Wilson, *Principles of the Law of Contract*.

2. CONTRACT OF EMPLOYMENT: relevant chapters in F. R. Batt, *The Law of Master and Servant*.

3. LAW OF TORT AND LABOUR RELATIONS: F. R. Batt, *The Law of Master and Servant*.

Students should always use the latest editions of the above books.

383. Elements of Commercial Law A—Agency. Mr. Diamond. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7; IV 6 (Second Year).

Syllabus.—The creation of the principal and agency relationship and the scope of the Agent's authority. The position of the Principal and the Agent *vis-a-vis* third parties in connection with Contracts and Torts. Passing of property by Agents and the Factors Act, 1889. Rights and duties of the Principal and Agent *inter se*. Agent's commission. Termination of Agency.

Recommended reading.—G. H. L. Fridman, *The Law of Agency*.

FOR REFERENCE: R. Powell, *The Law of Agency*; S. J. Stoljar, *The Law of Agency*. Students should consult the latest editions of these books.

384. Law of Income Tax. Professor Wheatcroft. Series A: Six lectures, Summer Term (Second Year). Series B: Four lectures, Lent Term (Third Year).

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, IV 6; and optional for I 3i; II 3f (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics should take this course or No. 386).

Syllabus.—General outline of Income Tax, Surtax, and Profits Tax; the basis of taxation of individuals and of companies; the Five Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedule E.

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*.

FOR REFERENCE: Spicer and Pegler, *Income Tax and Profits Tax*; G. S. A. Wheatcroft and S. T. Crump, *The Law of Income Tax, Surtax and Profits Tax*; British Tax Encyclopedia; Butterworth's *Income Tax Handbook*.

385. Elements of Commercial Law B—Partnership and Company. Mr. Downey. Ten lectures, Michaelmas Term.

Classes for discussion will be held at times to be arranged.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, I 3i; II 3f; III 7; IV 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*; Sir 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*; R. R. Pennington, *Partnership and Company Law*.

FOR REFERENCE: R. R. Pennington, *The Principles of Company Law*.

Students should consult the latest editions of these books.

386. Sale of Goods. Mr. Diamond. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Elements of Commercial Law*, III 7; and optional for I 3i; II 3f (Third Year). (Students specialising in Economics, Analytical and Descriptive, or in Monetary Economics, should take either this course or No. 384.)

Syllabus.—The special rules relating to sales of goods under the Sale of Goods Act 1893. C.i.f., f.o.b. and other special forms of international sales. Financing of international sales by bankers' commercial credits.

Distinction between sales and hire purchases; the Hire Purchase Acts, 1938 and 1954.

[Note.—Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893.]

Recommended reading.—C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export publication); P. S. Atiyah, *The Sale of Goods*.

FOR REFERENCE: C. M. Schmitthof, *The Export Trade*; Sir MacKenzie Chalmers, *The Sale of Goods Act, 1893*.

Students should consult the latest editions of these books.

387. The Law of Banking. Formal classes in this subject are no longer held, but students wishing to make a study of it should consult Lord Chorley who will advise and assist them.

388. Problems of Civil Litigation (Seminar). Professor Wheatcroft and Master Jacob will conduct a graduate evening seminar fortnightly throughout the Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

The Seminar will discuss current problems in civil litigation. Subjects will be announced in advance.

389. Problems in Taxation (Seminar). Professor Wheatcroft will conduct a graduate evening seminar fortnightly throughout the Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

390. Law of Labour and of Social Insurance. Professor Kahn-Freund. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a (Third Year); and for Diploma in Personnel Management. Optional for Diploma in Social Administration (Second Year).

Syllabus.—The significance of law in the shaping of labour relations.

The legal framework of labour relations, and the sources of mutual rights and obligations between employers and employees: the contract of employment, custom, the common law, statutes, and statutory instruments.

Collective bargaining and the law. Collective agreements, their legal effect and enforcement, with special reference to fair wages clauses and to the duty to observe recognised terms and conditions.

Statutory regulation of minimum remuneration and of holidays with pay, of wage payments and deductions, and of hours of work.

Protective legislation concerning health, safety, and welfare, employment of children, young persons, and women, and enforcement of this legislation.

Freedom to organise, and its protection. Legal status of trade unions. Relation between a union and its members. Union registration. Law governing trade union funds, including the political fund.

Trade disputes, strikes, lock-outs. Freedom to strike and to lock out and its limitations. Criminal and civil liabilities arising from labour stoppages and from acts done in their course.

Prevention of stoppages: conciliation, arbitration and inquiry. Powers and functions of the Ministry of Labour in relation to trade disputes.

History and survey of legislation designed to secure "freedom from want", with special reference to social insurance. The Ministry of National Insurance. Difference between benefits of right and discretionary benefits. Contributions and contribution conditions. Classification of insured persons. Unemployment, sickness, maternity, widow's benefits, retirement pension, death grant. Industrial injury, disablement, and death benefits, and their relation to the employer's liability for damages. The family concept in social security legislation. Enforcement of insurance claims. The residuary assistance service.

Comparative references to foreign legal systems will be included, wherever possible.

Recommended reading.—W. Mansfield Cooper, *Outlines of Industrial Law*; F. Tillyard, *The Worker and the State*; U.K. Ministry of Labour, *Industrial Relations Handbook* (1961); A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; F. R. Batt, *The Law of Master and Servant*; H. Samuels, *The Law of Trade Unions*; W. Milne-Bailey, *Trade Unions and the State*; W. Milne-Bailey (Ed.), *Trade Union Documents*; W. W. Mackenzie, Baron Amulree, *Industrial Arbitration in Great Britain*; I. G. Sharp, *Industrial*

Conciliation and Arbitration in Great Britain; M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration*; J. Gazdar, *National Insurance*; H. Samuels and R. S. W. Pollard, *Industrial Injuries*; D. C. L. Potter and D. H. Stansfield, *National Insurance* (Introduction); D. C. L. Potter and D. H. Stansfield, *The National Insurance (Industrial Injuries) Act* (Introduction); W. A. Robson (Ed.), *Social Security* (3rd edn.); C. Grunfeld, "Trade Unions and the Individual", Institute of Personnel Management, *Industrial Relations Series*; L. 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*.

FOR REFERENCE: A. S. Diamond, *The Law of Master and Servant*; J. H. Munkman, *Employers' Liability at Common Law*; H. Samuels, *Factory Law*; J. L. Gayler, *Industrial Law*; H. Vester and A. H. Gardner, *Trade Union Law and Practice*; A. Redgrave, *Factories, Truck and Shop Acts*; H. L. Hutchins and A. Harrison, *A History of Factory Legislation*; T. K. Djang, *Factory Inspection in Great Britain*; W. A. Robson, "The Factories Act" (*Encyclopedia of the Laws of England*, 3rd edn.); S. and B. Webb, *History of Trade Unionism*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; N. Citrine, *Trade Union Law* (2nd edn.); G. D. H. Cole, *An Introduction to Trade Unionism*; D. Lloyd, *The Law Relating to Unincorporated Associations*; F. Tillyard, *Unemployment Insurance in Great Britain, 1911-1948*; R. W. Harris, *National Health Insurance, 1911-1946*; Ministry of Labour and National Service Reports; *Annual Reports of the Chief Inspector of Factories*; Lord Beveridge, *Social Insurance and Allied Services*, Cmd. 6404; *Social Insurance*, Cmd. 6550-6551.

Students should always use the latest editions of the above works.

391. Law of Competition and Monopoly. Professor Stevens. Five lectures and ten seminars, Michaelmas and Lent Terms.

For LL.B. Part I and Part II; B.Sc. (Econ.) Part II—I; II; III and IV. For graduate students in Law and Economics.

Syllabus.—A study of the English monopolies and restrictive practices legislation from the point of view of the practising lawyer, the economist and the comparative lawyer.

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

392. Constitutional and Administrative Law. Professor de Smith, Mr. Bentley and Mr. D. A. Thomas. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Constitutional and Administrative Law*, I 3h; II 3 e; VII 3b (Second Year); and Academic Diploma in Public Administration.

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.—TEXT-BOOKS: 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*; 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 Vocabulary of Commonwealth Relations*; 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*; Report of the Committee on Ministers' 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.

393. Soviet Law. Dr. Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c (Third Year); also for 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.

Recommended reading.—TEXT-BOOKS: 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 and I. Shapiro, *The Soviet Legal System*; I. Lapenna, *Conceptions Sovietiques de Droit International Publique*; *State and Law: Soviet and Yugoslav Theory*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1-3.

CASE BOOK: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*.

FURTHER READING: A. S. Fedoseyev, *Osnovy Sovetskogo Gosudarstva i Prava*; O. S. Ioffe (Ed.), *Sorok Let Sovetskogo Prava 1917-1957*, Vol. I; L. I. Mandel'shtam (Ed.), *Sbornik Zakonov S.S.S.R. i Ukazov Prezidiuma Verkhovnogo Soveta S.S.S.R.* 1938-1958; M. D. Shargorodsky (Ed.), *Sorok Let Sovetskogo Prava 1917-1957*, Vol. II.

Students should consult the latest editions of these books.

In addition to classes referred to in connection with particular lecture courses the following classes will be held for students of the School only:—

Subject	Degrees for which classes are intended
395. Legal System	LL.B. Intermediate
396. English Constitutional Law	LL.B. Intermediate
397. Law of Contract	LL.B. Intermediate

Subject	Degrees for which classes are intended
398. Criminal Law	LL.B. Part I
399. Law of Tort	LL.B. Part I
400. Law of Trusts	LL.B. Part I
401. Jurisprudence	LL.B. Part II
402. Land Law	LL.B. Part I or II
403. Law of Evidence	LL.B. Part I or II
404. Administrative Law	LL.B. Part I or II
405. Public International Law	LL.B. Part II and B.Sc. (Econ.) Part I and Part II
406. Conflict of Laws	LL.B. Part II
407. Succession	LL.B. Part II
408. Mercantile Law	LL.B. Part II
409. Industrial Law	LL.B. Part II
410. Law of Domestic Relations	LL.B. Part II
411. English Legal Institutions	B.Sc. (Econ.) Part I
412. Elements of Commercial Law	B.Sc. (Econ.) Part II
413. Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II

LECTURE COURSES FOR THE LL.B. DEGREE HELD AT
THE OTHER COLLEGES PARTICIPATING
IN THE TEACHING OF LAW

K.C.—King's College D—Day
U.C.—University College E—Evening
S.O.A.S.—School of Oriental and African Studies

Subject	Lecturer	College	Day or Evening
416. Hindu Law	Dr. Derrett	S.O.A.S.	D.
417. Muhammadan Law	Mr. Coulson	S.O.A.S.	D.
418. Indian Criminal Law	Professor Gledhill	S.O.A.S.	D.
419. Conveyancing	Dr. James	K.C.	D. and E.
420. Roman Law	Mr. Morrison	K.C.	D.
421. Law of Evidence	Mr. Morrison	K.C.	D.
422. Conflict of Laws	Mr. Bland	K.C.	E.

INTERCOLLEGIATE SEMINARS FOR THE LL.M. DEGREE

Subject	Lecturer
430. Jurisprudence and Legal Theory	Professor Lloyd, Professor Graveson. Mr. W. Pollak.
431. Company Law	
432. Constitutional Laws of the Commonwealth, I (Canada and Australia) (India and Pakistan)	Professor de Smith, Professor Gledhill.
433. International Economic Law	Professor Schwarzenberger.
434. Law of International Institutions	Professor Johnson, Dr. Valentine.
435. Law of European Institutions (Lent Term only)	Professor Schwarzenberger, Dr. Valentine.
436. Legal History	Professor Plucknett.
437. Mercantile Law	Lord Chorley.
438. Comparative Law of Contract in Roman and English Law	Mr. Morrison.
439. Comparative Conflict of Laws	Professor Graveson, Professor Kahn-Freund.
440. Muhammadan Law	Professor Anderson, Mr. Coulson.
441. Hindu Law	Dr. Derrett.
442. Law of Landlord and Tenant	Professor Crane.
443. Planning Law	Mr. Scamell.
444. Criminology	Mr. Hall Williams, Dr. James.
445. Air Law	Dr. Cheng, Mr. Forrest.
446. International Law of the Sea	Mr. Brown, Professor Johnson, Professor Schwarzenberger.
447. International Law of War and Neutrality	Colonel Draper.

448. **Law of Taxation with special reference to the Taxation of Incomes** Professor Wheatcroft.
449. **Constitutional Laws of the Commonwealth, II** Professor de Smith,
Miss Stone,
Mr. Holland.
450. **African Law** Dr. Allott.
451. **Law of Mortgages and Charities** Professor Keeton,
Professor Ryder.
452. **Illegality and Restitution** Mr. Diamond,
Mr. Goff.
453. **History of International Law** Professor Schwarzen-
berger,
Mr. Parkinson.
454. **Comparative Criminal Law and Procedure** Mr. Hall Williams
and others.
455. **The Law of Estate Planning** Professor Wheatcroft,
Professor Crane.

INTERCOLLEGIATE SEMINAR FOR THE ACADEMIC
POSTGRADUATE DIPLOMA IN LAW

456. **English Legal Method.** A seminar in English Legal Method will be held by Mr. Wellwood at King's College in the Michaelmas Term, by various lecturers at the School in the Lent Term, and by Mr. Holland at University College in the Summer Term.

Reference should also be made to the following courses:—

- No. 633.—**Law, Policy and Administration (Seminar).**
No. 846.—**Criminology.**
No. 849.—**Selected Problems of Criminology and Penology.**
No. 850.—**The Causes and Treatment of Crime (Seminar).**

MODERN LANGUAGE STUDIES

	Pages
French	385-8, 392
German	385-9, 392
Italian	385-7, 389-90, 392
Russian	385-7, 390, 392
Spanish	385-7, 391-2
English	392-3
B.A. Honours in History	392
Graduate Students	392

MODERN LANGUAGE STUDIES

B.Sc. (Econ.)

Part I

For first year students who have chosen an Approved Foreign Language (alternative subject No. 11) for B.Sc. (Econ.) Part I or supplementary option.

All students taking this option must register with the Secretary of the Modern Language Studies Department as early as possible in the first week of the session.

460. French I, German I, Italian I, Russian I, Spanish I.

- (1) **Composition and Essay.**
- (2) **Translation of contemporary texts.**
- (3) **Discussion Classes** on contemporary topics relating to the foreign country selected.
- (4) **Lecture Course No. 461** (see below). All first year language students are recommended to attend this introductory course, irrespectively of the language selected.

461. Foreign literatures and outlooks before the Second World War and their relevance today.

Nine lectures, Michaelmas Term (beginning in the second week of term).

Syllabus.—Significant writers and their contribution to present-day trends of opinion. The aim of these lectures, which will be given in English by members of the various language sections, is to introduce language students to the part played separately or jointly by different foreign literatures in relation to major contemporary problems.

Recommended Books for Part I

FRENCH:

- | | |
|----------------------------|---|
| M. Blanc: | <i>Visages de la France contemporaine</i> (Second edition). |
| M. Blancpain et P. Clarac: | <i>La France d'aujourd'hui.</i> |
| C. Seignobos: | <i>Histoire Sincère de la Nation Française.</i> |
| A. Cobban: | <i>History of Modern France</i> (2 vols.). |
| D. W. Brogan: | <i>The French Nation: From Napoléon to Pétain.</i> |
| P. H. Simon: | <i>Histoire de la littérature française contemporaine.</i> |
| M. Girard: | <i>Guide illustré de la littérature française moderne.</i> |

GERMAN:

- | | |
|--------------------------|--|
| J. Bithell (Ed.): | <i>Germany; a Companion to German Studies.</i> |
| A. J. P. Taylor: | <i>The Course of German History.</i> |
| H. Mau and H. Krausnick: | <i>Deutsche Geschichte der Jüngsten Vergangenheit.</i> |
| J. Bithell: | <i>Modern German Literature, 1880-1950.</i> |
| R. Pascal: | <i>The German Novel.</i> |

ITALIAN:

- C. J. S. Sprigge: *The Development of Modern Italy.*
 D. Mack Smith: *Italy, A Modern History.*
 N. Machiavelli: *The Prince.*
 M. Grindrod: *The Rebuilding of Italy.*
 L. Sturzo: *Italy and the New World Order.*
 L. D. Einstein: *The Italian Renaissance in England.*
 D. S. Walker: *A Geography of Italy.*

RUSSIAN:

- B. H. Sumner: *Survey of Russian History.*
 A.M. Pankratova (Ed.): *A History of the U.S.S.R.*
 J. Lawrence: *Russia in the Making.*
 J. Gunther: *Inside Russia To-day.*
 M. Baring: *Landmarks in Russian Literature.*
A Treasury of Classic Russian Literature: Great Russian Stories to 1917
 (Capricorn Books, N.Y. 1962).
 G. Struve (Ed.): *Russian Stories.*
Soviet Short Stories (Penguin 1963).

SPANISH:

- E. A. Peers: *Spain: A Companion to Spanish Studies.*
 N. B. Adams: *The Heritage of Spain.*
 H. V. Livermore: *A History of Spain.*
 R. T. Davies: *The Golden Century of Spain, 1501-1621.*
 R. A. Humphreys: *The Evolution of Modern Latin America.*
 W. C. Gordon: *The Economy of Latin America.*

Part II.

For B.Sc. (Econ.) Part II—An Approved Modern Foreign Language, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); and XIII 3d.

Course No. 462 for students in their second year. Course No. 463 for students in their final year.

Students selecting this option must register with the Head of the Department preferably at the end of their first year or in any case during the first week of the Michaelmas Term of their second session at the School.

Students who, having already taken a language in Part I, wish to continue with the same language in Part II should consult the Head of the Department with regard to the optional distribution of their course over their second and third years.

462. French II, German II, Italian II, Russian II, Spanish II.

The following courses will be given weekly in each language section, throughout the session.

- (1) **Composition and Essay.**
- (2) **Reading of Texts and Translation.**
- (3) **Discussion** relating the topics of the lecture course to the students' specialised interests.
- (4) **Lecture or class in accordance with the language selected.** Syllabus and recommended reading are given under courses numbers 464, 466, 467, 468, 469 and 470.

463. French III, German III, Italian III, Russian, Spanish III.

- (1) **Composition and Translation.**
- (2) **Classes and Discussion Groups** in accordance with the language selected. (Various options will be found under courses number 464, 466, 467, 468, 469 and 470.)

French

464. Social and Political Themes in French Literature. Lectures or classes will be held weekly throughout the session for second year students and in the Michaelmas Term for third year students.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (French)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i (iii); and XIII 3d.

Syllabus.—The dual role of literature as it reflects and contributes to the formation of French public opinion on social and political questions:

French II (Second Year)—1830-1870 Mrs. Scott-James; 1870-1914 Dr. Tint and Mrs. Orda.

French III (Third Year)—discussion classes in French 1914-1945 Mrs. Scott-James.

465. Post-war France. Dr. Tint. Lent Term. Seminar on various aspects: political, literary and philosophical developments.

For graduate students. Open to undergraduates.

466. Language as a means of social communication: a comparative study of English and French (Class). Mrs. Scott-James. Sixteen classes, Lent and Summer Terms (day only).

For B.Sc. (Econ.) Part II and graduate students only. Admission will be by permission of Mrs. Scott-James.

Syllabus.—The sociology of the French language. Problems of communication in selected specialised fields. The language of the Press, Radio and Advertising. Political and legal French. French as an instrument of international communication.

Recommended reading.—References will be given during the course.

French Book list

GENERAL:

- G. Duby and R. Mandrou: *Histoire de la Civilisation Française* (2 vols.).
 R. Lacour-Gayet: *La France au XX^e siècle.*
 E. Blanc: *Les Institutions Françaises.*
 H. Luthy: *The State of France.*
 D. W. Brogan: *The Development of Modern France, 1870-1939.*

HISTORICAL AND POLITICAL DEVELOPMENT:

- F. Goguel: *La politique des Partis sous la III^e République* (2 vols.).
 J. Touchart: *Histoire des idées politiques* (2 vols.).
 J. Chastenet: *Histoire de la Troisième République* (6 vols.).
 P. Renouvin: *Histoire des Relations Internationales* (vols. V, VI, VII) (1815-1945).
 A. Siegfried: *De la III^e à la IV^e République.*
 A. Siegfried: *De la IV^e à la V^e République.*
 M. Leroy: *Histoire des Idées Sociales en France* (3 vols.).
 M. Duverger: *Les Constitutions de la France.*
 M. Duverger: *La V^e République.*

LITERATURE AND THOUGHT:

- F. Brunot: *La Pensée et la Langue.*
 M. Grévisse: *Le Bon Usage.*
 J. Wahl: *Tableau de la Philosophie Française.*
 G. Picon: *Panorama de la Nouvelle Littérature Française.*
 H. Clouard: *Histoire de la Littérature Française du Symbolisme à nos Jours, 1885-1940 (2 vols.).*
 P. H. Simon: *Histoire de la Littérature Française Contemporaine.*
 P. de Boisdeffre: *Une Histoire Vivante de la Littérature d'Aujourd'hui (1939-1959).*
 J-P. Vinay and J. Darbelnet: *Stylistique Comparée du Français et de l'Anglais.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- H. Calvet: *La Société Française Contemporaine.*
 H. Detton: *L'Administration Régionale et Locale de la France.*
 H. Solus: *Les Principes du Droit Civil.*
 H. Sée: *Histoire Économique de la France des Temps Modernes.*
 H. Sée: *Esquisse d'une Histoire Économique et Sociale de la France depuis les Origines jusqu'à la Guerre Mondiale.*
 P. George: *La Ville; la Campagne.*
 L. Chevalier: *Classes laborieuses et classes dangereuses.*
 A. Dauzat: *La Vie Rurale en France.*
 H. Pourrat: *L'Homme à la Bêche. Histoire du Paysan.*
 P. Lavedan: *Géographie des Villes.*
 E. Dolléans and G. Dehove: *Histoire du Travail en France (2 vols.).*

GEOGRAPHY:

- A. Longnon: *La Formation de l'Unité Française.*
 L. Mirot: *Manuel de Géographie Historique de la France (2 vols.).*
 A. Demangeon: *Géographie Économique et Humaine de la France.*
 P. M. J. Vidal de la Blache and L. Gallois (Eds.): *Géographie Universelle, Vol. VI, La France.*
 E. de Martonne: *Geographical Regions of France.*

German

467. Miss Schatzky. By arrangement.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (German)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d; and others.

Syllabus.—German literature as a mirror of the rise of the middle classes in Germany with special reference to the social drama from Lessing to Gerhard Hauptmann.

Recommended reading.—

GENERAL:

- H. Kohn: *The Mind of Germany.*
 R. Pascal: *The Growth of Modern Germany.*
 J. Dewey: *German Philosophy and Politics.*
 G. P. Gooch: *Germany.*
 J. Bithell (Ed.): *Germany: a Companion to German Studies.*

HISTORICAL AND POLITICAL DEVELOPMENT:

- G. Barraclough: *The Origins of Modern Germany.*
 R. T. Clark: *The Fall of the German Republic.*
 E. Kohn-Bramstedt: *Aristocracy and the Middle Classes in Germany. Social Types in German Literature, 1830-1900.*

- A. J. P. Taylor: *The Course of German History.*
 R. Aris: *History of German Political Thought, 1789-1815.*
 E. Vermeil: *Les doctrinaires de la révolution allemande.*
 V. Valentin: *The German People: their History and Civilisation from the Holy Roman Empire to the Third Reich.*
 H. Kohn (Ed.): *German History. Some New German Views.*
 H. S. Reiss (Ed.): *The Political Thought of the German Romantics, 1793-1815.*
 E. J. Passant: *A Short History of Germany, 1815-1945.*
 H. Mau and H. Krausnick: *Deutsche Geschichte der jüngsten Vergangenheit.*

LITERATURE AND THOUGHT:

- F. Bertaux: *A Panorama of German Literature, 1880-1930.*
 J. Bithell: *Modern German Literature, 1880-1950.*
 G. Waterhouse and H. M. Waidson: *A Short History of German Literature.*
 G. P. Gooch and others: *The German Mind and Outlook.*
 R. Müller-Freienfels: *Psychologie des deutschen Menschen und seiner Kultur.*
 R. Pascal: *The German Sturm und Drang.*
 H. F. Garten: *Modern German Drama.*
 H. M. Waidson: *The Modern German Novel.*
 R. Pascal: *The German Novel.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- W. F. Bruck: *Social and Economic History of Germany from William II to Hitler.*
 W. H. Bruford: *Germany in the Eighteenth Century.*
 J. H. Clapham: *The Economic Development of France and Germany, 1815-1914.*
 R. Aron: *German Sociology.*

Italian

468. Mr. Guercio. By arrangement.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Italian)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d; and others.

Syllabus.—Italian literature as a reflection of the rise and development of modern Italy, from the days of d'Azeglio to those of Pirandello and Moravia.

Recommended reading.—

GENERAL:

- *C. J. S. Sprigge: *The Development of Modern Italy.*
 C. Sforza: *Gli Italiani quali sono.*
 C. Barbagallo: *Cento anni di vita italiana.*
 A. J. Whyte: *The Evolution of Modern Italy.*
 *D. Mack Smith: *Italy, A Modern History.*

HISTORICAL AND POLITICAL DEVELOPMENT:

- *N. Machiavelli: *The Prince.*
 M. Einaudi: *Nationalization in France and Italy.*
 B. Barclay Carter: *Italy Speaks.*
 E. Wiskeman: *The Rome-Berlin Axis.*
 *M. Grindrod: *The Rebuilding of Italy.*

LITERATURE AND THOUGHT:

- *L. D. Einstein: *The Italian Renaissance in England.*
 G. Bertoni: *Lingua e cultura.*
 B. Croce: *La letteratura della nuova Italia.*
 E. F. Jacob: *Italian Renaissance Studies.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- *L. Sturzo: *Italy and the New World Order.*
 F. Milone: *L'Italia nell' economia delle sue regioni.*
 I. Origo: *The Merchant of Prato.*
 A. Santarelli: *Introduzione allo studio del problema italiano.*

GEOGRAPHY:

- A. Baldini: *Italia di Bonincontro.*
 M. Carlyle: *Modern Italy.*
 *D. S. Walker: *A Geography of Italy.*

* Recommended for students taking Part I.

Russian

469. Mrs. Gottlieb. By arrangement.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Russian)*, I 3c; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8i(iii); XIII 3d; and others.

Syllabus.—Discussions in Russian on Russian literature of the nineteenth century as against the social-political background of the times.

Recommended reading.—

HISTORICAL AND POLITICAL DEVELOPMENT:

- V. O. Kliuchevski: *A History of Russia.*
 Platonov: *History of Russia.*
 H. Seton-Watson: *The decline of Imperial Russia.*
 M. P. Alexseev i V. S. Meilakh: *Dekabristi i ikh vremia.*
 A. I. Herzen i N. P. Ogarev: *Kolokol (1857-1867). Zhurnal Sovremennik (1847-1866).*
 W. E. Mosse: *Alexander II and the Modernization of Russia.*
 M. N. Pokrovski: *History of Russia.*
 M. Fainsod: *How Russia is ruled.*
 J. N. Hazard: *The Soviet System of Government.*

LITERATURE AND THOUGHT:

- T. J. Masaryk: *The Spirit of Russia.*
 P. A. Kropotkin: *Russian Literature: Ideals and Reality.*
 M. E. Malia: *Herzen and the Birth of Russian Socialism.*
 S. R. Tomkins: *The Russian Mind. From Peter the Great through the Enlightenment.*
 A. I. Herzen: *My Past and Thought.*
 V. A. Desnitski i K. D. Muratova: *Revolucia 1905 goda i russkaya literatura.*
 Y. Lavrin: *From Pushkin to Mayakovski: A Study in the Evolution of a Literature.*
 M. Baring: *Landmarks in Russian Literature.*
 D. S. Mirski: *A History of Russian Literature.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- Y. Mavor: *Economic History of Russia.*
 A. S. Trofimov: *Rabotcheye Dvizheniye v Rossii, 1861-1894.*
 V. A. Rzhavski: *Krestianski vopros i agrarnaya reforma.*
 P. I. Lyashenko: *History of the National Economy of Russia.*

Spanish

470. Dr. Smieja. Twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*An Approved Modern Foreign Language (Spanish)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI i(iii); XIII 3d, and others.

Syllabus.—(1) Contemporary Spain 1936-1961: the Civil War and its aftermath. The victors and the defeated. The problems of unity and reconstruction as seen in recent Spanish literature. (2) Selected aspects of Latin America.

Recommended reading.—

GENERAL:

- E. A. Peers: *Spain: A Companion to Spanish Studies.*
 R. Altamira: *Los elementos de la civilización y de carácter españoles.*
 J. B. Trend: *The Civilization of Spain.*
 R. Menéndez Pidal: *Los españoles en la historia.*
 N. B. Adams: *The Heritage of Spain.*
 W. B. Fisher and H. Bowen-Jones: *Spain: A Geographical Background.*

LITERATURE AND THOUGHT:

- G. Brenan: *The Literature of the Spanish People.*
 J. Chabás: *Literatura española contemporánea.*
 M. Romera-Navarro: *Historia de la literatura española.*
 G. Torrente Ballester: *Panorama de la literatura española contemporánea.*
 L. Granjel: *Panorama de la generación del 98.*
 J. López-Morillas: *Intelectuales y espirituales.*
 P. Lain Entralgo: *España como problema.*
 F. de los Ríos: *El pensamiento vivo de Giner.*
 R. de Maeztu: *Ensayos.*

HISTORICAL AND POLITICAL DEVELOPMENT:

- H. V. Livermore: *A History of Spain.*
 J. Sarrailh: *La España ilustrada de la segunda mitad del siglo XVIII.*
 R. T. Davies: *The Golden Century of Spain, 1501-1621.*
 A. Ganivet: *Spain: an Interpretation.*
 J. Ortega y Gasset: *Invertebrate Spain.*
 A. S. Turbeville: *The Spanish Inquisition.*
 J. B. Trend: *The Origins of Modern Spain.*
 G. Brenan: *The Spanish Labyrinth.*
 E. Allison Peers: *The Spanish Tragedy.*
 H. Thomas: *The Civil War in Spain.*

SOCIAL AND ECONOMIC DEVELOPMENT:

- J. Vicens Vives: *Historia social y económica de España y América (4 vols.).*
 R. Herr: *The Eighteenth-century Revolution in Spain.*
 A. Robert: *Perspectivas de la economía española.*
 F. C. Sainz de Robles: *Ayer y hoy: la evolución de la sociedad española en cien años.*
 J. Prados Arnarte: *La economía española en los próximos veinte años.*
 M. Fraga Iribarne: *Las transformaciones de la sociedad española contemporánea.*

LATIN AMERICA:

- H. Herring: *A History of Latin America.*
 S. de Madariaga: *The Rise and Fall of the Spanish American Empire* (2 vols.).
 F. A. Kirkpatrick: *The Spanish Conquistadors.*
 R. A. Humphreys: *The Evolution of Modern Latin America.*
 W. C. Gordon: *The Economy of Latin America.*
 P. Henriquez-Ureña: *Literary Currents in Hispanic America.*
 D. Fitts: *Antología de la poesía americana contemporánea.*

B.A. Honours in History

Classes will start in the third week of the Michaelmas Term. Students requiring language tuition should register with the Secretary to the Modern Languages Department at the beginning of the session.

Graduate Students

Classes in French, German, Italian, Russian, Spanish will be arranged for graduate students requiring a language for the purposes of their research. When required, classes will begin in the **fourth** week of the Michaelmas Term and the **third** week of the Lent Term. Graduate students wishing to attend should make an appointment to see the Head of the Department in the third week of the Michaelmas Term or the second week of the Lent Term.

English

475. 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.—H. E. Palmer, *A Grammar of English Words*; V. H. Collins, *A Book of English Idioms, with explanations*; E. Denison Ross, *This English Language*; 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*.

476. 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.

477. English Speech. Mr. Chapman. Five lectures, Lent Term.

For students whose native language is not English, though they 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, *The Pronunciation of English*; *An English Pronouncing Dictionary*; N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*.

478. The Art of Writing. Mr. Chapman. Three lectures, Michaelmas Term.

Open to all students.

Syllabus.—Some suggestions for the improvement of style in everyday writing. Vocabulary; archaism, slang and jargon. Clichés. Commercial and journalistic English. Idiom. Spoken and written. Punctuation. American English.

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*; A. P. Herbert, *What a Word*; G. H. Vallins, *Good English*.

479. English Class. Mr. Chapman. Classes will be held for students who wish to improve their use of English, with opportunities for practice in writing essays and summaries and the comparative criticism of set passages. These classes will be open to all students but priority will be given to candidates for Civil Service Examinations. Admission will be strictly by permission of Mr. Chapman, who will interview students at the beginning of the Michaelmas Term.

Students admitted to this class will be expected to attend Course No. 478 and to study the books recommended for reading.

PHILOSOPHY, LOGIC AND SCIENTIFIC
METHOD

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

485. Introduction to Logic. Dr. Lakatos. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 3; also for B.A. Honours in Philosophy and Economics (First Year students).

Syllabus.—Deductive systems. Euclidean Geometry as the paradigm of perfect knowledge. The programme of extending the "Spirit of Geometry" to all fields of human knowledge and its breakdown. Derivation versus proof. "Inductive logic." Justification versus criticism.

Non-Euclidean Geometry. The emergence of the concept of model and related concepts (logical consequence, independence, consistency, categoricity).

The elements of formal logic: Aristotelian syllogistic and its Boolean modernisation. Stoic and modern propositional logic. The logic of predicates.

Ambiguity and inconsistency of ordinary language. Artificial languages.

Recommended reading.—A. Ambrose and M. Lazerowitz, *Fundamentals of Symbolic Logic*; A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; Blanché, *Axiomatics*; H. Eves and C. V. Newsom, *An Introduction to the Foundations and Fundamental Concepts of Mathematics*; I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc. Supp.* Vol. XXXVI, 1962); E. Nagel, J. R. Newman, *Gödel's Proof*; P. H. Nidditch, *The Development of Mathematical Logic*; B. Mates, *Stoic Logic*; K. R. Popper, *Conjectures and Refutations*; K. R. Popper, "Logic Without Assumptions" (*Proceedings of the Arist. Soc.*, 1946-1947); R. Stoll, *Sets, Logic and Axiomatic Method*; M. Kline, *Mathematics—A cultural Approach*.

485(A). Logic Class. Dr. Lakatos will hold twenty-four classes in conjunction with Course No. 485 throughout the session.

486. Introduction to Scientific Method. Mr. Watkins and Dr. Wisdom. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 4; also for B.A. Honours in Philosophy and Economics (First Year students). This course, or course No. 485, is recommended as a preparation for course No. 488.

Syllabus.—The aims of science—explanation and application. The evolution of standards of explanation. Illustrations from the history of physics and mathematics. 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. Hypothetico-deductive systems. Degrees of testability. Rôle 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.—MATHEMATICS AND SCIENCE: A. E. E. McKenzie, *The Major Achievements of Science*; G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science*; R. Courant and H. Robbins, *What is Mathematics?* HISTORY OF SCIENCE: S. Toulmin and J. Goodfield, *Fabric of the Heavens*; S. Toulmin and J. Goodfield, *The Architecture of Matter*;

H. Butterfield, *The Origins of Modern Science 1300-1800*; A. Koestler, *The Sleepwalkers*. PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations*; J. O. Wisdom, *Foundations of Inference in Natural Science*; P. Duhem, *The Aim and Structure of Physical Theory*; N. R. Campbell, *What is Science?* 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" (*British Journal for the Philosophy of Science*, 1957).

486(A). Scientific Method Class—I. Mr. Watkins and Dr. Wisdom will hold a class in conjunction with Course No. 486 throughout the session.

487. Mathematical Logic. Dr. Lakatos. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Mathematical Logic*, I 30; IX 6 and 7f; X 6 and 7f. Open to graduate students.

Syllabus.—The problem background of modern logic in nineteenth century mathematics. The problem of foundations. The Russellian approach: the *Principia Mathematica*. Hilbert's programme. The Gödelian circle of ideas. Computability and unsolvability.

Recommended reading.—M. Davis, *Computability and Unsolvability*; W. C. and M. Kneale, *Development of Logic*; G. T. Kneebone, *Mathematical Logic and the Foundations of Mathematics*; S. Körner, *The Philosophy of Mathematics*; W. V. O. Quine, *Mathematical Logic*.

487(A). Logic and Probability (Seminar). Dr. Lakatos will hold a fortnightly seminar in connection with Course No. 487.

For 1963-64 the central topics will be: (a) the development of modern mathematical rigour, (b) the concept of model, (c) the foundations of probability theory.

488. Scientific Method. Professor Popper. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Scientific Method*, I 3a; II 3a; V 8f; VI 8j; VII 3e (Second or Third Year); B.A. Honours in Philosophy and Economics (Second or Third Year), and open to other students. Diploma in Operational Research.

Students who have not attended either course No. 485, "Introduction to Logic", or course No. 486, "Introduction to Scientific Method", are advised to do so in preparation for this course.

Syllabus.—I. How problems of method arise in the sciences. Examples from the history of science such as: the rejection of Astrology by Kepler, Galileo, Newton; mathematics *v.* observation in Descartes, Huygens, Leibniz; the problem of the subject matter of the social sciences in Smith, Weber, Keynes. II. Discussion of principles of method. The status of explanation and explanatory theories. Criticism of induction. The problem of experience: theory and fact-finding. III. Applications to a few problems such as: mathematics *v.* empirical science. Axiom systems. Probability. The applicability and testability of economic theories; the rôle of models in economics; what questions can statistical methods help to answer?; aims, means, and interpretations of history; the character of various theories of social change; in which senses are social theories 'value-free'?

Recommended reading.—See bibliography given for Course No. 486. In addition: HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe*; A. Einstein

and L. Infield, *The Evolution of Physics*. PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery*; M. R. Cohen and E. Nagel, *Introduction to Logic and Scientific Method*; R. B. Braithwaite, *Scientific Explanation*; P. Duhem, *The Aim and Structure of Physical Theory*; P. W. Bridgman, *The Nature of Physical Theory*; J. O. Wisdom, *The Foundations of Inference in Natural Science*; N. R. Campbell, *Foundations of Physics or Physics: the Elements*. PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences*; F. Kaufman, *The Methodology of the Social Sciences*; Q. Gibson, *The Logic of Social Enquiry*; T. W. Hutchinson, *The Significance and Basic Postulates of Economic Theory*; F. S. C. Northrop, *The Logic of the Sciences and the Humanities*; A. L. Bowley, *The Nature and Purpose of Measurement of Social Phenomena*; G. A. Lundberg, *Social Research*; W. H. Walsh, *Introduction to the Philosophy of History*; M. Mandelbaum, *The Problem of Historical Knowledge*; K. R. Popper, *The Poverty of Historicism*; *The Open Society and Its Enemies*; *Conjectures and Refutations*; M. Friedman, *Essays in Positive Economics*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*British Journal for the Philosophy of Science*, 1952); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959).

488(A). Scientific Method Class—II. A fortnightly class will be held in conjunction with Course No. 488 in the Michaelmas and Lent Terms by Mr. Musgrave for B.Sc. (Econ.) Part II and B.A. Honours in Philosophy and Economics (Second Year) students.

489. Epistemology. Mr. Watkins. Fourteen lectures, Lent and Summer Terms.

For B.A. Honours in Philosophy and Economics (Second and Third Year). Recommended for graduate students.

Syllabus.—Verificationism versus hypothetico-deductivism: their contrasting implications for science and metaphysics. Post-Humean belief in certainties and inductive inferences as pre-requisites for rational choices between uncertain hypotheses.

Histoire raisonnée of the Positivist theory of meaning. The testability-principle and the analytic/metaphysical/scientific trichotomy. Existential statements. Statements which are true or false but neither verifiable, nor confirmable, nor falsifiable or disconfirmable.

Science and metaphysics: the search for "absolute" presuppositions; purging science of metaphysical ingredients; metaphysical programmes for science.

Ex nihilo, nihil fit and allegedly synthetic *a priori* principles.

Recommended reading.—A. J. Ayer (Ed.), *Logical Positivism*; R. Carnap, "Testability and Meaning" (in *Readings in the Philosophy of Science*, Eds. H. Feigl and M. Brodbeck); R. G. Collingwood, *An Essay on Metaphysics* (Part I); N. Goodman, *Fact, Fiction and Forecast*; I. Kant, *Prolegomena*; V. Kraft, *The Vienna Circle*; M. Lazerowitz, *The Structure of Metaphysics* (chaps. I, II, V and VI); K. R. Popper, *Conjectures and Refutations*; W. V. O. Quine, *From a Logical Point of View* (chap. 2); B. A. W. Russell, *My Philosophical Development*; J. R. Weinberg, *An Examination of Logical Positivism* (Parts I and III); M. White, *Toward Re-Union in Philosophy* (Part I); L. Wittgenstein, *Tractatus Logico-Philosophicus*.

Articles will be recommended as the course proceeds.

490. Introduction to Philosophy (Seminar). Dr. Wisdom will hold a seminar for B.A. Honours in Philosophy and Economics (First Year) students weekly throughout the session.

Reading lists will be given during the course.

491. Modern Philosophy from Bacon to Kant. Mr. Watkins. Twenty-five lectures of two hours, Sessional.

For B.A. Honours in Philosophy and Economics (First Year). Open to other students.

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; "abstract ideas" in physics and mathematics; physical 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 and 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 connexion with their epistemological and metaphysical ideas.

Recommended reading.—(Students are advised to concentrate their reading around, say, three of the main philosophers.) **TEXTS:** F. Bacon, *Novum Organum* (English translation in Ellis and Spedding (Eds.) *Works*); T. Hobbes, *The Elements of Law* (Ed. F. Tonnie), Part I; R. Descartes, *Philosophical Works* (trans. E. S. Haldane and G. R. T. Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding* (Ed. 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. Selby-Bigge), and *Treatise* (Ed. 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).

COMMENTATORS: R. E. Ellis and J. Spedding's Prefaces and Notes in Bacon's *Works*; G. C. Robertson, *Hobbes*; 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*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

BACKGROUND READING: Some of the following may be consulted. E. A. Burt, *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*.

492. Ethics. Mr. Griffiths. Fifteen lectures, Lent and Summer Terms.

For B.A. Philosophy and Economics (First and Second Years).

Syllabus.—The scope and limits of rationality in ethics. The problem of moral scepticism and its historical background. The weapons of moral scepticism: the infinite regress and circularity arguments. Cultural and intellectual relativism. The concepts of decision and commitment. The *tu quoque* argument. The effect of moral scepticism upon criticism. Moral criticism, moral learning and the growth of rationality and of knowledge in ethics. The ethics of science and the development of the rationalist tradition. The political implications of ethical theories: scepticism and authoritarianism (Hobbes), apriorism and rational totalitarianism (Plato), epistemological mediocrity and toleration (Locke). Ethical and epistemological presuppositions of political democracy. Rational and irrational methods of political reform.

Determinism, indeterminism and the problems of free will and moral responsibility.

Ethical naturalism, the reduction of ethics to science, the reaction to naturalism and the severance of ethics from science. Intuitionism. Moore and the "naturalistic fallacy." The problem-situation after Moore. Anti-naturalism without intuitionism. The emotive-performative view. The non-descriptive account of the language of morals. Post-emotive schools of thought. Linguistic descriptivism. The reduction of science to ethics. Recent developments.

Recommended reading.—Apart from some of the classical writings of Plato, Aristotle, Hobbes, Spinoza, Locke, Rousseau, Hume, Kant and J. S. Mill, the following more recent works are recommended: A. J. Ayer, *Language, Truth and Logic*; W. W. Bartley, *The Retreat to Commitment*, and "Rationality versus the Theory of Rationality" (*The Critical Approach to Science and Philosophy*, Ed. M. Bunge); C. D. Broad, *Five Types of Ethical Theory*; E. H. Erikson, *Childhood and Society*, and *Identity and the Life Cycle*; S. Freud, *Civilization and Its Discontents*; R. M. Hare, *The Language of Morals*, and *Freedom and Reason*; H. Stuart Hughes, *Consciousness and Society: the Reorientation of European Social Thought, 1890-1930*; G. E. Moore, *Principia Ethica*; R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; K. R. Popper, *The Open Society and Its Enemies*, and *Conjectures and Refutations*; H. Rashdall, *The Theory of Good and Evil*; Sir D. Ross, *The Right and the Good*; H. Sidgwick, *Outlines of the History of Ethics*; M. G. Singer, *Generalization in Ethics*; C. L. Stevenson, *Ethics and Language*; S. E. Toulmin, *The Place of Reason in Ethics*; J. D. Unwin, *Sex and Culture*; J. W. N. Watkins, "Epistemology and Politics" (*Proceedings of the Aristotelian Society, 1957-8*), and "Negative Utilitarianism" (*Proceedings of the Aristotelian Society, Supplementary Volume, 1963*); M. G. White, *Toward Reunion in Philosophy*.

493. Problems of Metaphysics. Dr. Wisdom. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Philosophy and Economics (Second and Third Years). Open to other students.

Syllabus.—Relation of mind to body. Other minds. Categories. Psychologism. Perception. Substance. Infinite divisibility.

Recommended reading.—J. Agassi, "Methodological Individualism", *Brit. J. Sociol.*, 1960, 11; C. D. Broad, *The Mind and its Place in Nature*, chaps. 3, 4, 7; H. Feigl, "The 'Mental' and the 'Physical'", in *Minnesota Studies in the Philosophy of Science*, Vol. II, 1958; R. J. Hirst, *The Problems of Perception*; R. O. Kapp, *Mind, Life and Body*; G. E. Moore, *Philosophical Studies*, chaps. 5, 7, and "A Defence of Common Sense", in *Contemporary British Philosophy*, 1925, Vol. I; K. R. Popper, "Language and the Body-Mind Problem" and "A Note on the Body-Mind Problem", both in *Conjectures and Refutations*, 1963; B. A. W. Russell, *Human Knowledge: its Scope and Limits*; L. J. Russell, "Substance and Cause in Broad's Philosophy", in *The Philosophy of C. D. Broad*; G. Ryle, *The Concept of Mind*; J. W. N. Watkins, "Ideal Types and Historical Explanation", *Brit. J. Philos. Sc.*, 1952, 3; J. O. Wisdom, "A New Model for the Mind-Body Relationship", *Brit. J. Phil. Sc.*, 1952, 2; "Mentality in Machines", *Proc. Arist. Soc.*, 1952, Sup. Vol. 26; "Achilles on a Physical Racecourse", *Analysis*, 1952, 12; "Some Main Mind-Body Problems", *Proc. Arist. Soc.*, 1960, 60; "Metamorphoses of the Verifiability Theory of Meaning", *Mind*, 1963 (to be published); J. Wynn Reeves, *Body and Mind in Western Thought*.

493(A). Metaphysics (Seminar). Dr. Wisdom will hold a seminar in conjunction with Course No. 493 in the Michaelmas and Lent Terms, for B.A. Honours in Philosophy and Economics (Second and Third Year) students.

494. Philosophy of the Social Sciences (Seminar). A seminar of one-and-a-half hours will be held fortnightly throughout the session by Dr. Corry, Mr. Klappholz and Dr. Wisdom for B.A. Honours in Philosophy and Economics (Second and Third Year).

495. **Philosophy Reading Class.** Mr. Watkins will hold a weekly class throughout the session for B.A. Honours in Philosophy and Economics (First Year) students.
496. **Philosophy Reading Class in Epistemology.** A weekly class in the Michaelmas and Lent Terms for B.A. Honours in Philosophy and Economics (Second and Third Year) students.

FOR GRADUATE STUDENTS

498. **Philosophy and Scientific Method (Seminar).** Professor Popper, Dr. Wisdom, Mr. Watkins, Dr. Lakatos and Dr. Bartley will hold a seminar of two hours weekly for graduate students and B.A. Honours in Philosophy and Economics (Third Year) students throughout the session.

POLITICAL STUDIES

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INTERNATIONAL RELATIONS

500. The Structure of International Society. Mr. James (day), twenty-five lectures, Sessional. Mr. G. H. Stern (first year evening), Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 7, *Structure of International Society I*.

Syllabus.—The purpose of this course is to promote a deeper understanding of international relations. It will examine the context within which sovereign States are able to engage in continuous and complex relations with each other, 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* (2nd edn.); G. Connell-Smith, *Pattern of the Post-War World*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; J. Frankel, *The Making of Foreign Policy*; 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*.

501. The Structure of International Society (Class). Mr. James and others (day), Mr. G. H. Stern (evening). Twenty-five classes. Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 7, *Structure of International Society I*. The evening classes will be for second year students.

502. The International Political System. Dr. Northedge. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations (Second Year); *Structure of International Society II*, I 3n; XIII 3b; the Certificate in International Studies; and for graduate students.

Syllabus.—The emergence and organisation of the modern system of sovereign States. The political process in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the forms of political relationship between States. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

Recommended reading.—S. Hoffman (Ed.), *Contemporary Theory in International Relations*; H. and M. Sprout, *Foundations of International Politics*; M. A. Kaplan (Ed.), *The Revolution in World Politics*; H. Kohn, *The Twentieth Century*; 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*; G. A.

Almond and J. S. Coleman (Eds.), *The Politics of the Developing Areas*; 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*.

503. Foreign Policy Analysis. Dr. Northedge. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations (Second Year); *Structure of International Society II*, I 3n; XIII 3b; the Certificate in International Studies; and for 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*.

504. The Foreign Policies of the Powers. Members of the Department. Twenty-five lectures, Lent and Summer Terms.

For undergraduate and graduate students interested.

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, China, India, and the German Federal Republic will be considered in the Session 1963-64.

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*; J. Kraft, *The Grand Design*; C. V. Crabb, *American Foreign Policy in the Nuclear Age*.

(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*.

(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) CHINA: A. D. Barnett, *Communist China and Asia*; R. G. Boyd, *Communist China's Foreign Policy*; G. Paloczvi-Horath, *Mao Tse-Tung*; D. S. Zagoria, *The Sino-Soviet Dispute*.

(e) INDIA: R. N. Berkes and M. S. Bedi, *Diplomacy of India*; M. Brecher, *Nehru, a Political Biography*; K. P. Karunakaran, *India in World Affairs*, Vols. I and II.

(f) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy*; K. W. Deutsch and L. J. Edinger, *Germany Rejoins the Powers*; A. Grosser, *Western Germany*; H. W. Gatzke, *Stresemann*; G. Scheele, *The Weimar Republic*; F. P. Chambers, *This Age of Conflict*.

505. The Structure of International Society II (Class). Mr. M. H. Banks. Sessional.

A class will be held weekly throughout the session for students taking B.Sc. (Econ.) Part II—*Structure of International Society II*, I 3n; XIII 3b; (Third Year).

506. International Relations (Class). Dr. Lyon (day), Mr. M. H. Banks (evening). Sessional.

For B.Sc. (Econ.) Part II—Special Subject of International Relations. The day classes will be held weekly and will be for Second Year students. The evening classes will be held fortnightly and will be for Third Year students.

On the basis of individual papers presented for discussion in the round-table manner, an analysis will be made of: current theories concerning the nature of the international political system (first term); and selected problems in international relations (second and third terms).

507. International Institutions. Professor Goodwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*International Institutions*, VII 3c (Second Year); XI 6 (Third Year); XIII 8a (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—The theory of international institutions: an examination of the principal schools of thought on the institutional basis of world order. An analysis 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 international institutions on the content and conduct of the foreign policies of their leading members.

Recommended reading.—I. L. Claude, *Swords into Plowshares*; W. Schiffer, *The Legal Community of Mankind*; F. P. Walters, *A History of the League of Nations*; A. E. Zimmermann, *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*; Royal Institute of International Affairs, *International Sanctions*; F. Van Langenhove, *La crise du système de sécurité collective des Nations-Unies 1946-1957*; 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. N. Gardner, *Sterling-Dollar Diplomacy*; A. Schonfield, *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*; F. Borkenau, *The Third International*; and the relevant constitutional documents.

507(A). International Institutions (Class). Classes will be held weekly in the Lent Term and for the first three weeks of the Summer Term by Professor Goodwin and Mr. James for B.Sc. (Econ.) Part II—*International Institutions*, VII 3c; XI 6; XIII 8a.

508. Diplomatic Methods and Procedures. Mr. Tunstall. Ten lectures, Michaelmas Term.

For Foreign Service Course; the Certificate in International Studies; and for graduate students; optional for B.Sc. (Econ.) Part II—*International Institutions*, VII 3c; XI 6; XIII 8a.

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*; Sir C. K. Webster, *The Art and Practice of Diplomacy*.

509. International Communism and Soviet Foreign Policy.

Mr. G. H. Stern. Twelve lectures, Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For those undergraduate and graduate students interested; especially for B.Sc. (Econ.) Part II—*International Institutions*, VII 3c; XI 6; XIII 8a; and the Certificate in International Studies.

Syllabus.—International implications of the Russian Revolution of 1917. Repercussions on the International Communist Movement of changes in Soviet foreign policy. The development of the Communist movement in Eastern Europe, China, Southeast Asia, Latin America, Africa, Western Europe and elsewhere, and relations between the various local Communist organisations. The rôle of the Comintern, the Cominform and COMECON in the promotion of world Communism. Realpolitik and ideology—strategies and tactics.

Recommended reading.—F. Borkenau, *The Communist International*; F. Borkenau, *European Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the two World Wars, 1919-1939*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I and II; I. Deutscher, *Stalin*; R. Fischer, *Stalin and German Communism*; E. R. Goodman, *The Soviet Design for a World State*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; L. Labeledz (Ed.), *Revisionism*; J. M. Mackintosh, *Strategy and Tactics of Soviet Foreign Policy*; G. Nollau, *International Communism and World Revolution*; A. Nove, *Communist Economic Strategy*; D. Footman (Ed.), *St. Anthony's Papers*, No. 9, "International Communism"; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; D. S. Zagoria, *The Sino-Soviet Conflict*.

Note. Courses 510-519 are designed primarily for those taking the options indicated, but they are open to all students taking the special subject of International Relations in Part II of the B.Sc. (Econ.) degree, as well as to graduate students.

510. The Politics of International Economic Relations. Professor Goodwin. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XI 7 and 8a (Third Year); the Certificate in International Studies; and for 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*; Royal Institute

of International Affairs, *Survey of International Affairs, 1939-46: World in March, 1939* (Part II); B. H. Klein, *Germany's Economic Preparations for War*; K. E. Knorr, *The War Potential of Nations*; H. G. Aubrey, *Coexistence: Economic Challenge and Response*; W. A. Lewis, *The Theory of Economic Growth*; J. S. Berliner, *Soviet Economic Aid*; B. Shwadran, *The Middle East, Oil and the Great Powers*.

510(A). The Economic Factor in International Relations (Class).

A class will be held weekly in the Lent Term by Professor Devons and Professor Goodwin for B.Sc. (Econ.) Part II—*The Politics of International Economic Relations*, XI 7 and 8a (Third Year); the Certificate in International Studies; and for the Foreign Service Course. Others may be admitted to the class by permission of Professor Goodwin.

511. Military Power and International Security. Mr. Bull. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XI 7 and 8d; *The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—An exploration of theories defining the military conditions of international security; the balance of power, armaments and alliances, collective security, deterrence, disarmament and related notions.

Recommended reading.—C. von Clausewitz, *On War*; 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*; M. K. Gandhi, *Autobiography*; J. V. Bondurant, *The Conquest of Violence*; D. G. Brennan (Ed.), *Arms Control and Disarmament*; E. W. Lefever (Ed.), *Arms and Arms Control*; H. A. Kissinger, *The Necessity for Choice*; R. Osgood, *The Entangling Alliance*; S. Huntingdon, *The Common Defence*; K. Knorr and T. Read (Eds.), *Limited Strategic War*.

512. Defence Policies and International Relations since 1945.

Professor Howard. Fifteen lectures, Lent and Summer Terms.

For those undergraduate and graduate students interested.

Syllabus.—Post-war reorientation of the defence policies and armed forces of the major world powers; the Korean war and its impact on the United States and Western Europe; internal conflicts over weapons-development policy in the United States; developments in, and interaction of, Western and Communist defence policies since 1953; the problems of Western European defence; disarmament and arms-control proposals and negotiations.

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

513. The Problems of International Peace and Security (Class).

A class will be held weekly in the Lent Term by Mr. M. H. Banks for B.Sc. (Econ.) Part II—*The Problems of International Peace and Security*, XI 7 and 8d (Third Year).

Syllabus.—"Peace" and "security" as competing foreign policy objectives. The sources of international insecurity; changing power relations, revisionist and expansionist policies, arms races, propaganda and subversion, domestic instability. Methods for the achievement of security; negotiation, alliances, neutralism, international organisation,

armaments, foreign aid, investment, trade, prestige. Stable and unstable patterns in international politics. The case study method will be used for the analysis of the above problems.

Recommended reading.—A bibliography appropriate to the cases selected for study will be provided at the beginning of the course.

514. Theories of International Politics. Mr. Bull. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

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*; R. Aron, *War and Industrial Society*; F. Meinecke, *Machiavellism*; W. Schiffer, *The Legal Community of Mankind*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; N. Ørvik, *The Decline of Neutrality*; A. V. W. Thomas and A. J. Thomas, *Non-Intervention: the Law and Its Impact in the Americas*.

515. Philosophical Aspects of International Affairs. Professor Manning. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

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 Jouvenal, *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. Hoffman, *Contemporary Theory in International Politics*; M. A. Kaplan and 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, *Machiavellianism*; 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*.

515(A). Philosophical Aspects of International Affairs (Class).

A class will be held weekly in the Lent Term and in the first three weeks of the Summer Term by Professor Manning and Mr. G. H. Stern for B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year).

516. Psychological Aspects of International Affairs. Dr. Northedge. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—An examination of the more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the interested control of public opinion; the emotional functions of nationalism and other collective symbols of international bearing; communal traditions, sentiment and prejudice; national attitudes and character, and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-State conflict.

Recommended reading.—M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshay-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; L. M. Fraser, *Germany between Two Wars*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. Kohn, *Prophets and Peoples*; D. Lerner, *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*.

516(A). Psychological Aspects of International Affairs (Class).

A class will be held weekly in the Lent Term by Dr. Northedge for B.Sc. (Econ.) Part II—*Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year).

517. Geographical and Strategic Factors in International Politics. Mr. Tunstall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—Political and strategic interpretations of geographical facts; deterministic notions; frontiers; Mackinder's influence. Strategy and the national interest; political responsibility. Theories of war and theories of strategy; revolutionary and industrial influences. Clausewitz and the continentalists; Corbett and Mahan and the imperialists; sea power and limited war; bases. Napoleon, Douhet and total war; tendency of new weapons to dictate strategic principles; regional defence organisations. Disarmament; U.N. Military Staff Committee and U.N. forces.

Recommended reading.—H. J. Mackinder, *Democratic Ideals and Reality*; G. C. L. Bertram, *Antarctica Today and Tomorrow*; Lord Curzon, *Frontiers*; K. M. Panikkar, *India and the Indian Ocean*; P. J. Noel-Baker, *The Arms Race*; J. Herz, *International Politics in the Atomic Age*; B. Tunstall, *The Commonwealth and Regional Defence*; A. Buchan, *NATO in the 1960's*; Y. M. Goblet, *Political Geography and the World Map*; B. Brodie, *Strategy in the Missile Age*; Lord Ismay, *NATO, the First Five Years*; W. D. Puleston, *The Influence of Force in Foreign Relations*.

For B.Sc. (Econ.) Part II—*The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year).

517(A). The Geographical and Strategic Aspects of International Affairs (Class). A class will be held weekly in the Lent Term by Mr. Tunstall for B.Sc. (Econ.) Part II—*The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year).

518. Domestic Aspects of International Relations. Mr. Chambers. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Interplay between Politics at the Domestic and International Levels*, XI 7 and 8g (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—International Relations, with special reference to the domestic background. "Foreign policy begins at home."

Recommended reading.—G. A. Almond, *The American People and Foreign Policy*; T. A. Bailey, *The Man in the Street*; R. Bassett, *Democracy and Foreign Policy*; F. P. Chambers, *This Age of Conflict*; A. Cobban, *National Self-Determination*; E. Crankshaw, *Russia and the Russians*; L. D. Epstein, *Britain: Uneasy Ally*; S. E. Finer, *Anonymous Empire*; J. Frankel, *The Making of Foreign Policy*; E. S. Furniss, *France, Troubled Ally*; G. H. Gallup and S. F. Rae, *The Pulse of Democracy*; A. Grosser, *Western Germany*; J. Gunther, *Inside U.S.A.*; M. Grindrod, *The Rebuilding of Italy*; R. Hinden, *Empire and After*; M. Howard, *Soldiers and Governments*; V. O. Key, *Politics, Parties and Pressure Groups*; P. N. S. Mansergh, *The Commonwealth and the Nations*; R. B. McCallum, *Public Opinion and the Last Peace*; H. Nicolson, *Peace-making, 1919*; F. S. Northedge, *British Foreign Policy*; R. E. Osgood, *Ideals and Self-Interest in America's Foreign Relations*; Royal Institute of International Affairs, *Britain in Western Europe*; Royal Institute of International Affairs, *Nationalism*; D. M. Pickles, *French Politics*; H. Speier (Ed.), *West German Leadership and Foreign Policy*; J. D. Stewart, *British Pressure Groups*; L. Sturzo, *Italy*; F. Thistlethwaite, *The Great Experiment*; D. Warriner, *Land and Poverty in the Middle East*; A. Werth, *The Twilight of France*; A. Werth, *France, 1940-1955*; H. B. Westerfield, *Foreign Policy and Party Politics*; P. Williams, *Politics in Post-War France*; E. Wiskemann, *Czechs and Germans*; E. Wiskemann, *Italy*.

518(A). The Interplay of Politics at the Domestic and International Levels (Class). A series of not less than ten classes will be arranged by Mr. Chambers in the Lent Term for B.Sc. (Econ.) Part II—*The Interplay of Politics at the Domestic and International Levels*, XI 7 and 8g (Third Year).

519. The Sociology of International Law. Mr. James. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Sociology of International Law*, XI 7 and 8h (Third Year); the Certificate in International Studies; and for graduate students.

Syllabus.—The purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the "rule of law" in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer.

Recommended reading.—J. L. Brierly, *The Basis of Obligation in International Law and Other Papers*; *The Outlook for International Law*; P. E. Corbett, *Law 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 Development of International Law by the International Court*; *The Function of Law in the International Community*; A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); G. Schwarzenberger, *The Frontiers of International Law*; J. Stone, *Aggression and World Order*; *Legal Controls of International Conflict*; C. de Visscher, *Theory and Reality in Public International Law*; Q. Wright, *The Role of International Law in the Elimination of War*.

519(A). The Sociology of International Law (Class). A class will be held weekly by Mr. James in the Lent Term for B.Sc. (Econ.) Part II—*Sociology of International Law*, XI 7 and 8h (Third Year).

520. Current Issues in International Relations (Class). Dr. Northedge. Sessional.

For undergraduate and graduate students interested. Admission by permission of Dr. Northedge.

A weekly exchange of reflections on the current diplomatic scene and the issues it raises for the academic student of international relations.

521. Contemporary Strategic Thinking. Mr. Morton Halperin. Ten lectures, Michaelmas Term, to be given at King's College. For undergraduate and graduate students interested.

FOR GRADUATE STUDENTS

522. International Studies (Seminar). A seminar for students taking the Certificate in International Studies will be held weekly throughout the session by Dr. Lyon.

523. International Relations (Seminar). A seminar for first year graduate students will be held weekly throughout the session by Professor Goodwin in the Michaelmas Term and by Dr. Northedge in the Lent and Summer Terms. Other graduate students may be admitted to this seminar by permission of Professor Goodwin or Dr. Northedge.

524. Problems of European Integration (Seminar). A seminar for graduate students specialising in this field will be held fortnightly throughout the session by Mr. Day, Professor Goodwin and Mr. Pickles, to whom application for admission should be made.

525. Strategic Studies (Seminar). A seminar for graduate students will be held weekly throughout the session by Professor Howard, Mr. Bull and Mr. Tunstall.

526. The Politics of International Institutions. A seminar for graduate students will be held fortnightly throughout the session by Professor Goodwin.

527. National Attitudes and Foreign Policy (Seminar). Dr. Northedge, Dr. Tint and Mr. M. H. Banks will hold a fortnightly seminar in the Lent and Summer Terms for graduate students, also open to undergraduates.

528. **The International Politics of South and South-East Asia (Seminar).** A seminar for graduate students will be held weekly in the Summer Term by Dr. Lyon.
529. **Seminar for Foreign Service Course.** A seminar limited to Foreign Service Course students will be held weekly throughout the session by Mr. M. H. Banks.

Reference should also be made to the following section and courses:—

International Economics: Courses Nos. 105–121.

International History.

- No. 83.—**International Monetary Experience.**
 No. 371.—**Public International Law.**
 No. 578.—**Government in New and Emergent States.**
 No. 584.—**Politics and Government of the Middle East.**
 No. 585.—**The Politics of European Integration.**

POLITICS AND PUBLIC ADMINISTRATION

560. **British Government: an Introduction to Politics.** Professor Greaves (day), Dr. Crick (evening). Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; Diploma in Public Administration.

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 Oakeshott (day), Mr. Kedourie (evening). Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2 (Second Year).

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

562. **Some Political Thinkers.** Dr. Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2. For students in their *third* year.

The writers with whom this course will be concerned are: Cicero, St. Augustine, St. Thomas Aquinas, Marsiglio of Padua and Machiavelli.

563. **Political Thought from Hobbes to Burke.** Mr. Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIII 2; XIV 2. For students in their *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. 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*.

564. English Constitutional History since 1660. Dr. Derry.
Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II—*English Constitutional History since 1660*, V 8b; VI 7 and 8b; VII 3a (Second Year).

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 Premiership, and the Commons. The structure of politics.

The constitutional position of George III. His aims and motives. Ministerial instability. The executive and the legislature. Wilkes, the press, and Parliamentary privilege. The American controversy. Fox-North coalition and the election of 1784. Pitt, George III, the premiership and party in the late 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 premiership, 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.

565. History of British Politics in the Twentieth Century. Mr. Beattie. Ten lectures of one-and-a-half hours, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Governments of the United Kingdom*, VII 6 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

566. The Government of Great Britain. Mr. Panter-Brick and Dr. Miliband. Twelve lectures of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Governments of the United Kingdom* (Second Year), VII 6.

Syllabus.—The theory and practice of Cabinet Government and the relation of the Government to Parliament. The office of Prime Minister. The organisation of the Cabinet. Ministers and their official advisers. The Monarchy. The House of Commons: the parliamentary parties, the position of Members, the nature of parliamentary debate, the function of the Opposition. Parliamentary procedure, possibilities of reform, use of specialised committees. The House of Lords, the problem of its reform.

Selected reading.—L. S. Amery, *Thoughts on the Constitution*; W. Bagehot, *The English Constitution*; W. I. Jennings, *Cabinet Government; Parliament*; J. P. Mackintosh, *The British Cabinet*; H. S. Morrison, *Government and Parliament*; A. H. Hanson and H. V. Wiseman, *Parliament at Work*; P. G. Richards, *Honourable Members*; H. J. Laski, *Reflections on the Constitution*.

567. British Political Parties and the Electorate. Mr. Pickles and Mr. Pear. Eight lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*The Politics and Governments of the United Kingdom*, VII 6 (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

568. Politics and Government of the United Kingdom. Mr. Panter-Brick, Dr. Miliband, Mr. Beattie.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6. A weekly class for students in their third year.

569. The Governmental Process. Professor Self. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*The Politics and Government of the United Kingdom*, VII 6 (Third Year); Diploma in Public Administration; Diploma in Economic and Social Administration. Recommended for graduates.

Syllabus.—Historical approach to public administration, and modern theories on the subject. The machinery of government. Central co-ordination of finance and policy. Devolution to public corporations and local authorities. Administration in relation to interest groups, politics, and public opinion. Public policies and administrative methods. Bureaucracy. The organisation, responsibilities, and social characteristics of the public service. Specialists and general administrators. The concept of public interest.

Recommended reading.—MACHINERY OF GOVERNMENT: W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain*; F. M. G. Willson and D. N. Chester (Ed.), *The Organisation of British Central Government, 1914-56*; S. H. Beer, *Treasury Control*; W. A. Robson, *Nationalised Industry and Public Ownership*; K. C. Wheare, *Government by Committee*; L. H. Gulick and L. Urwick, *Papers on the Science of Administration*.

ADMINISTRATIVE PROCESS: J. Dewey, *The Public and Its Problems*; J. M. Gaus, *Reflections on Public Administration*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; H. Stein (Ed.), *Public Administration and Policy Development*; F. M. C. Willson, *Administrators in Action*; H. A. Simon, *Administrative Behaviour*.

THE PUBLIC SERVICE: R. K. Merton (Ed.), *Reader in Bureaucracy*; W. A. Robson (Ed.), *The Civil Service in Britain and France*; B. Chapman, *The Profession of Government*; C. H. Sisson, *The Spirit of British Administration and Some European Comparisons*; B. Chapman, *The Prefects and Provincial France*; Lord Bridges, *Portrait of a Profession*; H. E. Dale, *The Personnel and Problems of the Higher Civil Service*; D. B. Truman, *The Governmental Process*; H. J. Storing (Ed.), *Essays on the Scientific Study of Politics*.

570. Local and Regional Government. Professor Self and Mr. Sharpe. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VII 3g (Second Year); for the Diploma in Social Administration (First Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; for Overseas Service Officers; Diploma in Public Administration; Diploma in Economic and Social Administration. 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; central control; local finance; functions and areas; local government and the community. Some comparisons will be made with local government in France and the U.S.A.

LENT TERM. Local government politics and planning in big cities and urban regions. The problems of local government in urban areas. Comparative material from overseas countries will be included.

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); B. Chapman, *Introduction to French Local Government*.

LENT TERM. S. A. Greer, *The Emerging City: Myth and Reality*; Report of Royal Commission on Local Government in London; P. J. O. Self, *Cities in Flood*; W. A. Robson, *Government and Misgovernment of London: Great Cities of the World*; V. Jones, *Metropolitan Government*; L. P. Green, *Provincial Metropolis*; R. Vernon, *Metropolis* 1985.

570(A). A class will be held by Mr. Sharpe in connexion with Course No. 570 for B.Sc. (Econ.) Part II—*Local Government of England and Wales*, VII 3g (Second Year).

571. **Planning and Administration.** Professor Self. Ten lectures, Lent Term.

For graduate students; Diploma in Public Administration; optional for Diploma in Economic and Social Administration. Open to undergraduates.

Syllabus.—The modern scope of state activity. Types and levels of governmental planning. Organisation of economic planning. Welfare planning. Regional planning. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Administrative rationality. Planning and public opinion.

Recommended reading will be announced weekly.

572. **Town and Country Planning: Its aims, methods and problems.** Professor Wise, Professor Self, Mr. Estall, Dr. J. E. Martin and Mr. Sharpe. Fifteen lectures, Lent and Summer Terms.

Syllabus.—Contemporary policies and problems in town and country planning from the standpoint of the Social Sciences. (1) The legislative and administrative framework of town and country planning, and the geographical background of population and land use. (2) Planning policies analysed: the control of urban growth, dispersal, redevelopment, control of industrial location, mineral control, rural areas. (3) A review of the theory and practice of planning. Competitive land uses; the scope of local and central planning; financial, administrative, and political aspects.

Recommended reading.—L. D. Stamp, *The Land of Britain: its Use and Misuse*; *Applied Geography*; W. A. Robson (Ed.), *Great Cities of the World*; P. Self, *Cities in Flood: the Problems of Urban Growth*; W. Ashworth, *The Genesis of Modern British Town Planning*; M. P. Fogarty, *Town and Country Planning*; F. J. Osborn, *Green-Belt Cities: the British Contribution*; R. E. Dickinson, *City, Region and Regionalism*; W. A. Robson, *The Government and Misgovernment of London* (2nd edn.); G. H. J. Daysh and others (Eds.), *Studies in Regional Planning: Town and Country Planning, 1943-51* (Cmd. 8204); G. P. Wibberley, *Agriculture and Urban Growth*; Reports of the Barlow Commission, Uthwatt Committee, Scott Committee, and Reith Committee; Report of the Herbert Commission on Local Government in Greater London; *Annual Reports of the New Town Corporations*; Report of the Selection Committee on Qualifications of Planners. Other reports and plans will be discussed during the course.

573. **Introduction to Political Institutions: U.S.S.R.** Mr. Schapiro. Five lectures of one-and-a-half hours, Michaelmas Term. (For first five weeks of term.)

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

574. **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*, VII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

575. **Introduction to Political Institutions: U.S.A.** Mr. Pear. Five lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

576. **Comparative Study of Political Institutions (Second Year).** Mr. Schapiro, Mr. Pickles and Mr. Wolf-Phillips. Five lectures of one-and-a-half hours, Summer Term. (Beginning in the sixth week of the Summer Term.)

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7 (Second Year).

Syllabus and **recommended reading** will be given at the beginning of the course.

577. **Comparative Study of Political Institutions (Third Year Classes).** Mr. Pear, Mr. Pickles, Mr. Schapiro and Mr. Wolf-Phillips will hold classes in the Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Comparative Political Institutions*, VII 7. For students in their third year.

578. **Politics and Government in New and Emergent States.** Dr. Mair and Mr. Panter-Brick. Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c (Second Year). Oversea Service Officers; Diploma in Economic and Social Administration; Diploma in Social Administration (Overseas Option) (First Year); and for graduate students.

Syllabus.—A study of the problems entailed in the transition from colonial rule and in the establishment of independence, with particular reference to Ghana, Tanganyika, Madagascar and Guinea. The historical background to independence. The identity of

the nation, in theory and practice. Party structure and organisation. The purpose and functioning of single-party rule. Presidential leadership. The election and functioning of representative institutions. The civil service. Development plans.

Recommended reading.—GENERAL. R. A. Oliver and J. D. Fage, *A Short History of Africa*; T. L. Hodgkin, *Nationalism in Colonial Africa*; *African Political Parties*; R. Emerson, *From Empire to Nation*; I. Wallerstein, *The Politics of Independence*; T. L. Hodgkin and R. Schachter, *French-Speaking West Africa in Transition* (International Conciliation, No. 528, May 1960).

MADAGASCAR. R. K. Kent, *From Madagascar to the Malagasy Republic*.

GUINEA. B. Charles, "Un Parti Politique Africain: le Parti Démocratique de Guinée" (*Revue Française de Science Politique*, Vol. XII, No. 2). L. G. Cowan, "Guinea" (*African One-Party States*, ed. G. M. Carter).

GHANA. K. Nkrumah, *The Autobiography: I Speak of Freedom*; F. A. R. Bennion, *The Constitutional Law of Ghana*; D. Kimble, *A Political History of Ghana*.

TANGANYIKA. B. T. G. Chidzero, *Tanganyika and International Trusteeship*; M. L. Bates, "Tanganyika" (*African One-Party States*, Ed. G. M. Carter); J. K. Nyerere, "One Party System" (*Spearhead*, Jan., 1963); J. C. Taylor, *The Political Development of Tanganyika*.

578(A). A fortnightly class will be held in the Michaelmas and Lent Terms in connexion with Course No. 578 by Dr. Mair, Mr. Panter-Brick and Professor de Smith.

579. The French Union and Community. Mr. Panter-Brick. Ten lectures, Michaelmas Term.

For Graduate students; optional for B.Sc. (Econ.) Part II, VII 8c.

Syllabus.—Historical introduction: the purpose of colonisation: the different policies practised. The consequences of the two world wars. The Brazzaville Conference of 1944. The establishment of the French Union: its structure and evolution. The Associated States of Indochina; Vietnam, Cambodia and Laos. The North Africa Protectorates, Tunisia and Morocco. The Overseas Territories and their representation in institutions of French Republic. The degrees of autonomy and self-government. Problems of reform. The establishment of the Community; its design and its evolution. The different views of the African members. Present-day associations with France and among the French-speaking independent African states.

Recommended reading.—R. F. Betts, *Assimilation and Association in French colonial theory*; P. F. Gonidec, *Droit d'outre-mer*; G. Peureux, *Le Haut-Conseil de l'Union Française*; K. Robinson, "Political Development in French West Africa" (C. W. Stillman (Ed.), *Africa in the Modern World*); T. Hodgkin and R. Schachter, "French-speaking West Africa in Transition" (*International Conciliation*, No. 528); F. Ansprenger, *Politik im schwarzen Afrika*; P. Neres, *French-speaking West Africa*; D. Lancaster, *The Emancipation of French Indochina*; G. Lacouture, *Cinq hommes et la France*; "Maroc et Tunisia. Le problème du protectorat" (*La Nef*, March, 1953); "Où va l'Union française" (*La Nef*, June 1955).

580. The Government and Politics of Canada—Selected Topics. Mr. McKenzie. Five lectures, Summer Term.

For graduate students; open to undergraduates.

Syllabus and recommended reading will be given at the beginning of the course.

581. Politics and Government of France. Mr. Pickles. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

581 (A). A fortnightly class for students in their *third* year will be held in connexion with Course No. 581 in the Michaelmas and Lent Terms.

582. Politics and Government of the U.S.A. Mr. Pear. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

582(A). A fortnightly class for students in their *third* year will be held in connexion with Course No. 582 in the Michaelmas and Lent Terms by Mr. Pear.

583. Politics and Government of Russia. Mr. Schapiro. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*The Politics and Government of a Foreign Country*, VII 8c (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

583(A). A fortnightly class for students in their *third* year will be held in connexion with Course No. 583 in the Michaelmas and Lent Terms by Mr. Schapiro.

584. Politics and Government of the Middle East. Mr. Kedourie. Ten lectures, Lent Term.

For graduate students; and other students 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. The state of Israel and its politics.

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*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; C. N. E. Eliot, *Turkey in Europe*; H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck and B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798–1939*; A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's*

Politics; E. Kedourie, *England and the Middle East*, and "Reflexions sur le Royaume d'Iraq 1921-1958" (*Orient*, 1959); 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*; D. de Santillana, "Law and Society" in *The Legacy of Islam*; G. F. von Grunebaum, "Islam" and "Problems of Muslim Nationalism" in R. N. Frye (Ed.), *Islam and the West*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. I, Ch. 2).

585. The Politics of European Integration. Mr. Pickles. Five lectures, Michaelmas Term.

For graduate students; open to undergraduates.

Syllabus.—History and pre-history of the movement and the problems they reveal:—What is Europe? Does it exist? Successive phases of 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.

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, 1953 (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 Etrangères); R. Regul, *Die Montan-Gemeinschaft und das Problem der Teilintegration*; *Revue d'Economie Politique*, Jan.-Feb. 1958, (special number on the Common Market); *Fondation Nationale des Sciences Politiques, Cahiers 41: La Communauté Européenne du Charbon et de l'Acier* (Institut des Relations Internationales); 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*; Campbell and Thompson, *The Law of the Common Market*.

586. Political Thought (Texts). Fifteen classes in the Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Political Thought (Set Texts)*, VII, 5. For students in their third year.

Plato—Dr. Sharp.

Aristotle—Dr. Morrall.

Marsilius—Dr. Sharp.

Machiavelli—Professor Oakeshott.

Mill—Mr. Thorp.

Hobbes—Mr. Minogue.

Locke—Mr. Cranston.

Rousseau—Mr. Pickles.

Hegel—Mr. Kedourie.

587. Political Philosophy. Professor Smellie and Mr. Cranston. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—*Political Philosophy*, VII 8a; XI 7 and 8i (i) (Second Year); Diploma in Public Administration.

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 principle of equality. Conflicts of tradition and progress. Theoretical foundations of democratic and non-democratic political orders.

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

587(A). A fortnightly class for students in their *second* year will be held in connection with Course No. 587 in the Lent and Summer Terms by Professor Smellie and Mr. Cranston.

587(B). A fortnightly class for students in their *third* year will be held in connection with Course No. 587 in the Michaelmas and Lent Terms by Professor Smellie and Mr. Cranston.

588. Contemporary Political Thought. Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VII 8b; XI 7 and 8 i (ii) (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 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, *Acquisitive Society*; A. V. Dicey, *Lectures on the relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltau, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; B. Croce, *History as the Story of Liberty*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; L. T. Hobhouse, *Elements of Social Justice*; G. Wallas, *Human Nature in Politics*; Fabian Essays (Introduction by Asa Briggs); E. Kedourie, *Nationalism*; H. R. G. Greaves, *Foundations of Political Theory*; H. J. Laski, *Grammar of Politics* (Ch. 7).

588(A). A fortnightly class for students in their *second* year will be held in connection with Course No. 588 in the Lent and Summer Terms by Professor Greaves, Dr. Miliband and Mr. Thorp.

588(B). A fortnightly class for students in their *third* year will be held in connection with Course No. 588 in the Michaelmas Term by Professor Greaves, Dr. Miliband and Mr. Thorp.

589. Marxism. Dr. Miliband. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Contemporary Political Thought*, VII 8b; IX 7 and 8 i (ii). For students in their *third* year. Recommended also for graduate students.

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.

590. Political Stability. Dr. Crick. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II, special subject Government (Third Year). Recommended also for graduate students.

Syllabus.—To consider the conditions under which the type of government properly called "political", commonly called "democratic", maintains itself, or not. Characteristics of political systems. Aristotle and the theory of mixed constitutions. Machiavelli's Discourses. The Republican and Whig theories of order. Democracy and Industrialism. Tocqueville's theory of the group. Alternatives to Politics. The collapse of Weimar. The Case of Spain. Current sociological theories. Politics as Freedom.

591. 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. Lenin, Trotsky and Stalin. 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'Egalité, 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*; J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Etre Socialiste; A l'Echelle Humaine*.

592. Russian Political Thought. Dr. Utechin. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus and recommended reading will be given at the beginning of the course.

Trade Union Studies

615. The Political History of Trade Unions. Professor Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course, the Diploma in Personnel Management, and for 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*; R. Postgate, *The Builders History*; G. D. H. Cole, *Short History of the Working Class*; *History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party*,

1880-1900; W. H. Crook, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers*; *Annual Reports of the Trades Union Congress*; F. Bealey and H. M. Pelling, *Labour and Politics 1900-1906*; Martin Harrison, *Trade Unions and the Labour Party since 1945*; V. L. Allen, *Trade Unions and the Government*.

616. Trade Unions in Britain. Professor Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course and the Diploma in Personnel Management. Also for B.Sc. (Econ.) Part II—*Labour, including Law of Labour and Social Insurance*, III 6a; suitable for graduate students.

Syllabus.—Trade union growth; why workers join unions; trade union structure and government. The policy and practice of unions; collective bargaining; the use of the strike; non-wage issues. Trade unions and politics.

Recommended reading.—S. and B. Webb, *A History of Trade Unionism*; *Industrial Democracy*; W. Milne-Bailey (Ed.), *Trade Union Documents*; W. Milne-Bailey, *Trade Unions and the State*; G. D. H. Cole and others, *British Trade Unionism Today*; United Kingdom, Ministry of Labour, *Industrial Relations Handbook* (1953 edn.); T.U.C. Report, *Structure and Closer Unity* (1947); Political and Economic Planning, *British Trade Unionism*; N. I. Barou, *British Trade Unions*; J. D. M. Bell, *Industrial Unionism: A Critical Analysis*; J. Goldstein, *The Government of British Trade Unions*; G. D. H. Cole, *Introduction to Trade Unionism*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; G. Cyriax and R. Oakeshott, *The Bargainers*; J. H. Richardson, *Introduction to Industrial Relations*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; *Trade Unions in a Free Society*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*.

FOR GRADUATE STUDENTS

617. Comparative Industrial Relations. Professor Roberts. Fifteen lectures, Lent and Summer Terms.

For graduate students; suitable for students attending the Trade Union Studies course and the Diploma in 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 rôle 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*; J. R. Commons and others, *History of Labour in the United States*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; H. A. Millis and E. C. Brown, *From the Wagner Act to Taft-Hartley*; 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*; *Political Quarterly*, Special numbers, "Trade Union Problems", January 1956, and "Employers and Labour Problems", July 1956; 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*.

618. Trade Unionism in France. Mr. Pickles. Five lectures, Summer Term.

For graduate students; and for students attending the Trade Union Studies course.

Syllabus.—Origins and special characteristics of French Trade Unionism. *Bourses du Travail* and C.G.T. Syndicalist trends and the drift from them. Communist and Christian Trade Unions. Agricultural and Professional bodies. Trade Unions during the Second World War. Problems of French Trade Unionism.

Recommended reading.—E. Dolléans, *Histoire du Mouvement Ouvrier*; F. Pelloutier, *Histoire des Bourses du Travail*; R. Millet, *Léon Jouhaux et la C.G.T.*; J. Montreuil, *Histoire du Mouvement Ouvrier*; D. J. Saposs, *Labour in Post-War France*; H. W. Ehrmann, *French Labor: from Popular Front to Liberation*; G. Lefranc, *Les expériences syndicales en France de 1939 à 1950*; V. R. Lorwin, *The French Labour Movement*.

619. Industrial Relations (Seminar). Professor Roberts, Miss Seear and Mr. Thurley will hold a seminar in the Lent Term for the Diploma in Personnel Management, graduate students, and students attending the Trade Union Studies course.

620. Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar). Professor Roberts and Mr. J. H. Smith.

For graduate students and oversea students attending non-degree courses.

621. Seminar on Trade Union and Management Problems. Professor Roberts and guest speakers. Lent and Summer Terms.

Admission is strictly limited to members of the Trade Union Studies Course and graduate students, who have obtained permission from Professor Roberts.

622. Problems in Industrial Relations. A weekly seminar is to be held in the Summer Term by Professor Roberts, Miss Seear and Mr. Thurley together with visiting speakers, to discuss current issues and research in the field of industrial relations. The seminar will be open to graduate students and permission to attend should be obtained from Professor Roberts.

SEMINARS

625. Political Thought. Mr. Kedourie, Mr. Cranston, Mr. Thorp and Mr. Minogue will hold a seminar for graduate students engaged in the study of political philosophy and the history of political thought. It will begin in the second week of the Michaelmas Term.

626. Problems of Contemporary Socialism. Dr. Miliband will hold a seminar in the Lent Term for graduate students in the departments of Government and of Sociology. Other graduate students will, however, be welcome.

The seminar will study some problems of socialist theory and practice in Western societies, the Communist bloc, countries recently freed from colonial rule, and colonial countries. Admission by permission of Dr. Miliband.

627. Soviet Problems. Mr. Schapiro will hold a weekly seminar on current political problems and on historical questions in the Soviet and Communist orbit during the session for graduates working under his supervision. Others may attend by invitation only.

628. Parties, Pressure Groups and the Political Process. A seminar will be held weekly during the Lent and Summer Terms by Mr. McKenzie and Mr. Pear for graduate students specialising in Sociology or in Government. Undergraduates may be admitted by permission.

The seminar will be devoted primarily to a study of the structure and functioning of the major political parties and interest groups in this country and to the study of political behaviour. There will also be some discussion of comparative material from the United States and other countries. Members of Parliament and officials of the various party organisations will be invited to address the seminar.

629. Seminar. A seminar will be held for graduate students on a subject to be arranged, by Professor Greaves, in the Michaelmas and Lent Terms.

630. The Conditions of Political Rule. Dr Crick will hold a weekly seminar in the Lent Term to consider some theories and instances of the origins and conditions of political rule. Students from other departments may attend, and second and third year undergraduates in Government by permission. It is advisable to have attended course No. 590.

631. Comparative Local Government and Planning (Seminar). A seminar for graduate students will be held in the Lent Term by Professor Self.

632. Public Administration. A seminar will be held for graduate students by Professor Self in the Michaelmas Term.

633. Law, Policy and Administration. Professor Griffith and Professor Self will hold a fortnightly seminar in the Michaelmas and Lent Terms, which will consider the relationship between administrative law and public policy in town and country planning and other fields. Open to graduate students in Law, Government and related subjects.

634. Problems of Parliament. A seminar for graduate students will be held in the Lent Term by Mr. Panter-Brick and Mr. Beattie.

SOCIOLOGICAL STUDIES

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ANTHROPOLOGY

Note : For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.

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(i) General

640. Introduction to Social Anthropology. Dr. Freedman. Twenty-five lectures, Sessional.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option I and Option II (First Year); for B.Sc. (Econ.) Part I—Alternative subject 9, Principles and Methods of Social Anthropology; for students taking Social Anthropology as subsidiary or ancillary to a first degree; for the Academic Postgraduate Diploma in Anthropology (First Year); and Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course. First Year students for the Diploma in Social Administration may also attend.

Syllabus.—Scope and methods of social anthropology; theories of culture and society; analysis of social structure and organisation in primitive communities. Occupational and other associations; stratified groups; kinship organisation and terminology; types of family structure; lineage and clan. Marriage and other institutions associated with kinship. Economic organisation; land tenure and property rights. Political organisation. Law and custom. Moral rules; ritual and belief in relation to social structure.

Recommended reading.—BASIC: E. E. Evans-Pritchard *et al.*, *The Institutions of Primitive Society*; R. Firth, *Human Types*; C. D. Forde, *Habitat, Economy, and Society*.

SUPPLEMENTARY: E. E. Evans-Pritchard, *Social Anthropology*; M. Ginsberg, *Sociology*; M. Gluckman, *Custom and Conflict in Africa*; R. Linton, *The Study of Man*; R. H. Lowie, *Social Organization*; L. P. Mair, *Primitive Government*; B. Malinowski, *Crime and Custom in Savage Society*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; I. Schapera, *Government and Politics in Tribal Societies*.

641. Selected Texts in Social Anthropology. Dr. Benedict and Mr. Forge. Eight lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option II (Second Year); B.Sc. (Econ.) Part II (Second Year)—Special subject of Social Anthropology. Students taking B.A. Honours in Anthropology, Academic Postgraduate Diploma in Anthropology may also attend.

Syllabus.—Two works will be laid down as special texts for the paper in the Development of Social Anthropology in B.A./B.Sc. (Sociology) Option II Final Examination. These lectures will examine the texts in detail.

Recommended reading.—ESSENTIAL: H. Maine, *Ancient Law*; B. Malinowski, *Argonauts of the Western Pacific*.

SUPPLEMENTARY: Other reading will be suggested in the course of the lectures.

642. Advanced Study of Kinship. Mr. Fox. Sixteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology.

Syllabus.—The development of kinship theory. Modern studies of family, marriage, and kinship. Current problems of theory.

Recommended reading.—ESSENTIAL: A. R. Radcliffe-Brown, "On Kinship Systems" in *Structure and Function in Primitive Society*; Introduction to A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; J. A. Barnes, "Kinship" in *Encyclopaedia Britannica*, London Printing, 1955.

SUPPLEMENTARY: B. Malinowski, *The Sexual Life of Savages in North-Western Melanesia*; R. W. Firth, *We, The Tikopia*; E. E. Evans-Pritchard, *The Nuer*; *Kinship and Marriage among the Nuer*; M. Fortes, *The Dynamics of Clanship among the Tallensi*; *The Web of Kinship among the Tallensi*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; G. P. Murdock, *Social Structure*; F. Eggan (Ed.), *Social Anthropology of North American Tribes*; C. Lévi-Strauss, *Les structures élémentaires de la parenté*; E. R. Leach, *Political Systems of Highland Burma*; M. Fortes, "The Structure of Unilineal Descent Groups" (*American Anthropologist*, Vol. 55, No. 1); M. Fortes, "Descent, Filiation and Affinity" (*Man*, Vol. LIX, November and December 1959); G. P. Murdock (Ed.), *Social Structure in South-east Asia*; E. R. Leach, *Rethinking Anthropology*; R. Needham, *Structure and Sentiment*; D. M. Schneider and K. Gough, *Matrilineal Kinship*; J. R. Goody (Ed.), *The Developmental Cycle in Domestic Groups*.

Further reading will be suggested in the course of the lectures.

643. Social Differentiation in Primitive and Peasant Societies.

Professor Schapera. Eight lectures, Summer Term. (This course will not be given in the session 1963-64; it will be given in the session 1964-65.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as two-year ancillary subject to a first degree.

Syllabus.—The topics dealt with will include sex and age differentiation; age-sets and age-grades; division of labour, types of specialization, occupational associations; rank and occupation; social classes, caste, slavery and serfdom; secret associations; ethnic groups; and social mobility. Reference will also be made to theories concerning them.

Recommended reading.—R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power*; M. Bloch, *Feudal Society*; O. C. Cox, *Caste, Class and Race*; S. N. Eisenstadt, *From Generation to Generation*; L. T. Hobhouse, *Social Development*; S. Hofstra, *Differenzierungserscheinungen in einigen Afrikanischen Gruppen*; G. Landtmann, *The Origin of the Inequality of the Social Classes*; R. Linton, *The Study of Man*; R. H. Lowie, *Social Organization*; R. M. MacIver and C. H. Page, *Society*; M. Mead, *Man and Woman*; M. Weber, *The Theory of Social and Economic Organization*; H. Webster, *Primitive Secret Societies*.

Further reading, especially ethnographic literature, will be recommended during the course.

644. Government and Politics in Simple Societies. Dr. Mair.

Ten lectures, Lent Term. (This course will not be given in the session 1963-64; it will be given in the session 1964-65.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology.

Syllabus.—Definitions of "government", "politics", "political community". Minimal government; age-sets in government. Rulers and subjects: privileges and powers of rulers; sanctions for authority; ideals of good government; checks against misuse and abuse of power; popular participation in government.

Recommended reading.—ESSENTIAL: M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; I. Schapera, *Government and Politics in Tribal Societies*.

SUPPLEMENTARY: L. Mair, *Primitive Government*; E. E. Evans-Pritchard, *The Political System of the Anuak*; C. D. Forde, "Government in Umuor" (*Africa*, 1939); F. Barth, *Political Leadership among Swat Pathans*; H. M. Gluckman, *Custom and Conflict in Africa*; *Rituals of Rebellion in South-east Africa*; M. G. Smith, *Government in Zazzau, 1800-1950*; S. F. Nadel, *A Black Byzantium*.

645. Social Control in Pre-literate Societies. Professor Schapera.

Eight lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—The nature and development of law. Social control in societies lacking courts: persuasive and coercive mechanisms (education, public opinion, taboo, religious sanctions, etc.). Arbitration as a judicial process. Composition and procedure of courts in pre-literate societies. Ordeals and oaths. Criminal and civil law. Responsibility and punishment. Comparison of primitive and civilised systems of law.

Recommended reading.—E. A. Hoebel, *The Law of Primitive Man*; R. M. MacIver and C. H. Page, *Society* (chaps. 7-9); P. G. Vinogradoff, *Commonsense in Law*; C. K. Allen, *Law in the Making* (6th edn.); R. M. Berndt, *Excess and Restraint*; P. Bohannan, *Justice and Judgment among the Tiv*; M. Gluckman, *The Judicial Process among the Barotse of Northern Rhodesia*; *Custom and Conflict in Africa*; H. I. Hogbin, *Law and Order in Polynesia*; K. Llewellyn and E. A. Hoebel, *The Cheyenne Way*; B. Malinowski, *Crime and Custom in Savage Society*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (chaps. 11-12); I. Schapera, *A Handbook of Tswana Law and Custom*; I. Schapera, "Malinowski's Theories of Law" (in *Man and Culture*, ed. R. Firth).

646. Outline of Economic Anthropology. Professor Firth. Eight

lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—The aim of these lectures is to give an analysis from the anthropological point of view of the main conceptual and empirical characteristics of non-monetary (primitive) and simple monetary (peasant) economic systems. Examples will be taken from African, Oriental and Oceanic communities. The reaction of these systems to Western and industrial

influences will also be examined. Topics discussed will include: economic relations as part of a structure of social relations; management of resources; organisation and incentives in production; profit and loss by ceremonial procedures; individual and group rights in control and use of land; use of labour power; nature and control of non-monetary capital goods; social incentives and limits to capital accumulation; systems of credit; overt and covert interest; problems of indebtedness; determination of values in a non-monetary economy; barter and gift-exchange; "primitive currency"; traditional rules and economic principles in the allocation of distributive shares.

Recommended reading.—PRIMARY: D. M. Goodfellow, *Principles of Economic Sociology*; M. J. Herskovits, *Economic Anthropology*; R. C. Thurnwald, *Economics in Primitive Communities*; M. Mauss, *The Gift*; P. Einzig, *Primitive Money*; R. Firth, *Economics of the New Zealand Maori*; Sol Tax, *Penny Capitalism*.

SECONDARY: M. Mead (Ed.), *Co-operation and Competition among Primitive Peoples*; E. E. Hoyt, *Primitive Trade*; B. Malinowski, *Argonauts of the Western Pacific*; *Coral Gardens and their Magic*; R. Firth, *Primitive Polynesian Economy*; *Malay Fishermen—their Peasant Economy*; A. I. Richards, *Land, Labour and Diet in Northern Rhodesia*; S. F. Nadel, *A Black Byzantium*; I. Schapera, *Native Land Tenure in the Bechuanaland Protectorate*; E. R. Leach, *Social and Economic Organization of the Rowanduz Kurds*; Rosemary Firth, *House-keeping among Malay Peasants*; W. H. Beckett, *Akokoaso*; M. M. Green, *Land Tenure in an Ibo village*; S. D. Pant, *Social Economy of the Himalayas*; H. N. C. Stevenson, *Economics of the Central Chin Tribes*; H. M. Gluckman, *Economy of the Central Barotse Plain*; G. Wilson, *Essay on the Economics of Detribalization in Northern Rhodesia*; H.-T. Fei, *Peasant Life in China*; K.-H. Shih, *China Enters the Machine Age*; C. D. Forde and R. C. Scott, *The Native Economies of Nigeria*; H.-T. Fei and C.-I. Chang, *Earthbound China*; D. F. Thomson, *Economic Structure and the Ceremonial Exchange Cycle in Arnhem Land*; W. E. Armstrong, *Rossell Island*, Chaps. V-VIII; C. S. Belshaw, *In Search of Wealth*; M. Nash, *Machine Age Maya*; D. L. Oliver, "Land Tenure in Northeast Suiat, Southern Bougainville" (*Peabody Museum Papers*, XXIV, No. 4); K. Polanyi et al. *Trade and Market in the Early Empires*; R. F. Salisbury, *From Stone to Steel*.

References to articles will be given during the course.

647. Systems of Religion and Magic. Dr. Stirling. Ten lectures, Michaelmas Term. (This course will not be given in the session 1963-64; it will be given in the session 1964-65.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—Definition of religious phenomena. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism. Religion and the structure of society.

Recommended reading.—PRIMARY: E. Durkheim, *Elementary Forms of the Religious Life*; A. R. Radcliffe-Brown, *The Andaman Islanders*, Chap. V et seq.; *Structure and Function in Primitive Society*, Chaps. VI, VII and VIII; R. Firth, *Elements of Social Organisation*, Chap. VII; "Religious Belief and Personal Adjustment" (*Journal of the Royal Anthropological Institute*, 1943); "The Sociology of Magic in Tikopia" (*Sociologus*, 1954); "Problem and Adjustment in an Anthropological Study of Religion" (*Journal of the Royal Anthropological Institute*, 1959); E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande*; *Nuer Religion*; H. M. Gluckman, *Rituals of Rebellion in South-east Africa* (Frazer Lecture, 1952); B. Malinowski, *Magic, Science and Religion*; R. F. Fortune, *Manus Religion*; C. D. Forde (Ed.), *Primitive Worlds*.

SECONDARY: E. B. Tylor, *Primitive Culture*; W. Robertson Smith, *Religion of the Semites*; J. G. Frazer, *The Golden Bough*; A. van Gennep, *Les Rites de Passage*; L. Lévy-Bruhl, *Primitive Mentality*; P. Radin, *Primitive Religion*; R. H. Lowie, *Primitive Religion*; W. W. Howells,

The Heathens; W. J. Goode, *Religion among the Primitives*; E. O. James, *Social Function of Religion*; R. Firth, *The Fate of the Soul* (Frazer Lecture, 1955); S. F. Nadel, *Nupe Religion*; "Witchcraft in four African Societies" (*The American Anthropologist*, Vol. 54, No. 1); P. Mayer, *Witches* (Inaugural Lecture, Rhodes University, 1954); M. N. Srinivas, *Religion and Society among the Coorgs of South India*; M. Wilson, *Rituals of Kinship among the Nyakyusa*; A. I. Richards, *Chisungu*; P. Worsley, *The Trumpet Shall Sound*; E. R. Leach, *Political Systems of Highland Burma*, Chap. I; F. B. Steiner, *Taboo*; R. Firth, *Work of the Gods in Tikopia*; E. E. Evans-Pritchard, *Divine Kingship of the Shilluk of the Nilotic Sudan* (Frazer Lecture, 1948); M. Fortes, *Oedipus and Job*; J. Middleton, *Lugbara Religion*; C. Geertz, *Religion of Java*; R. G. Lienhardt, *Divinity and Experience, the Religion of the Dinka*.

648. The Development of Social Anthropology. Twenty-six lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

(a) History of Social Anthropology. Dr. Mair. Ten lectures, Michaelmas Term.

Syllabus.—Early ethnographic basis; systematics in the work of L. H. Morgan; implications of evolutionist and diffusionist theories; European sociological influences; developments in field research—Boas, Rivers, Malinowski. Definition of social anthropology as a discipline; development of functionalist and structuralist approaches; interest in problems of quantification, model construction, and dynamics of society; suggestions for reclassification of the study.

Recommended reading.—T. K. Penniman, *A Hundred Years of Anthropology*; R. H. Lowie, *The History of Ethnological Theory*; E. E. Evans-Pritchard, *Social Anthropology*; A. Goldenweiser, "Leading contributions of Anthropology to Social Theory" in H. E. Barnes and H. Becker (Eds.), *Contemporary Social Theory*; Sol Tax, "From Laitau to Radcliffe-Brown: A Short History of the Study of Social Organisation", and F. Eggan, "Social Anthropology: Methods and Results" in *Social Anthropology of North American Tribes* (enlarged edn.); D. F. Pocock, *Social Anthropology*.

Other literature will be recommended during the course.

(b) Current Trends in British Social Anthropology. Professor Firth. Eight lectures, Lent Term.

Syllabus.—A critical review of theories and methods, aims and achievements, in the work of modern British anthropologists.

Recommended reading.—E. E. Evans-Pritchard, *Social Anthropology*; *Essays in Social Anthropology*; R. Firth, *Elements of Social Organization*; *Social Anthropology as Science and as Art*; *Essays on Social Organization and Values*; R. Firth (Ed.), *Man and Culture*; S. F. Nadel, *The Foundations of Social Anthropology*; *The Theory of Social Structure*; H. M. Gluckman, *Custom and Conflict in Africa*; *Order and Rebellion in Tribal Africa*; E. R. Leach, *Rethinking Anthropology*; D. F. Pocock, *Social Anthropology*.

Additional reading will be recommended during the course.

(c) Current Trends in American Anthropology. Dr. Freedman. Eight lectures, Michaelmas Term.

Syllabus.—Evolutionary theory. Archaeological Studies. The analysis of culture. Developments in linguistics. Psychological studies. The study of values. The growth of social anthropology.

Recommended reading.—Reading on special topics will be recommended during the course.

649. Culture: a Survey of Theories. Professor Schapera. Eight lectures, Lent Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—A survey of some influential theories intended to account for cultural differences. Racism. Environmentalism. Diffusionism. Evolutionism. National character. The present status of some theories of culture change.

Recommended reading.—A reading list will be issued to those attending the lectures.

(ii) Regional

650. Social Systems in South East Asia. Professor Firth and Dr. Freedman. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: South East Asia); students taking Social Anthropology (South East Asia) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal mainly with the social organisation of Malaya, Sarawak and South-Eastern China, but there will be some reference to Indonesia, Burma, Thailand, and the Philippines.

Recommended reading.—PRIMARY: MALAYA: R. Firth, *Malay Fishermen*; Rosemary Firth, *Housekeeping among Malay Peasants*; P. E. de Josselin de Jong, *Minangkabau and Negri Sembilan*; J. Gullick, *Indigenous Political Systems of Western Malaya*; J. Djamour, *Malay Kinship and Marriage in Singapore*; P. D. R. Williams-Hunt, *Introduction to the Malayan Aborigines*; A. J. A. Elliott, *Chinese Spirit-Medium Cults in Singapore*; M. Freedman, *Chinese Family and Marriage in Singapore*; W. H. Newell, *Treacherous River*.

SARAWAK: E. R. Leach, *Social Science Research in Sarawak*; H. S. Morris, *A Melanau Sago Producing Community*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture*; Report on the Iban of Sarawak; J.-K. T'ien, *The Chinese of Sarawak*.

SOUTH-EASTERN CHINA: M. Freedman, *Lineage Organization in Southeastern China*; D. H. Kulp, *Country Life in South China*; Lin Yueh-Hwa, *The Golden Wing*; Hu Hsien-Chin, *The Common Descent Group in China and its Functions*; C. K. Yang, *A Chinese Village in Early Communist Transition*.

INDONESIA: B. ter Haar, *Adat Law in Indonesia*; H. Subandrio, *Javanese Peasant Life*; L. H. Palmier, *Power and Status in Java*; C. Geertz, *The Religion of Java*; R. M. Koentjaraningrat, *A Preliminary Description of the Javanese Kinship System*; D. E. Willmott, *The Chinese of Semarang*; H. Geertz, *The Javanese Family*; A. G. Dewey, *Peasant Marketing in Java*.

BURMA: H. N. C. Stevenson, *The Economics of the Central Chin Tribes*; E. R. Leach, *Political Systems of Highland Burma*.

THAILAND: J. E. De Young, *Village Life in Modern Thailand*; T. M. Fraser, Jr., *Rusembilan: A Malay Fishing Village in Southern Thailand*; H. K. Kaufman, *Bangkhuad, A Community Study of Thailand*.

PHILIPPINES: R. F. Barton, *The Kalingas; Ifugao Law; Philippine Pagans; Ifugao Economics*; F. M. and M. Keesing, *Taming Philippine Headhunters*.

ANDAMANS: A. R. Radcliffe-Brown, *The Andaman Islanders*.

SECONDARY: F.-C. Cole, *The Peoples of Malaysia*; C. Robequain, *Le monde malais* (or English translation); V. W. W. S. Purcell, *Chinese in South-East Asia*; R. O. Winstedt, *The Malays, A Cultural History*; *The Malay Magician*; W. W. Skeat and C. O. Blagden, *Pagan Races of the Malay Peninsula*; T. E. Smith, *Population Growth in Malaya*; B. H. M. Vlekke, *Nusantara*; F. M. Loeb, *Sumatra*; M. Mead and G. Bateson, *Balinese Character*; J. S. Furnivall, *Netherlands India*; W. F. Wertheim, *Indonesian Society in Transition*; C. Du Bois, *The People of Alor*; G. W. Skinner, *Chinese Society in Thailand*; *Leadership and Power in the Chinese Community of Thailand*; J. Amyot, *The Chinese Community of Manila*; J. Cuisinier, *Sumangat*; G. P. Murdock, *Social Structure in Southeast Asia*.

651. Ethnography of Central Africa. Professor Schapera. Sixteen lectures, Lent and Summer Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: Central Africa); students taking Social Anthropology (Central Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—Main ethnic groupings, and traditional systems of social, economic, and political organisation of the indigenous peoples of the region, with some reference to changes produced by European colonization.

Recommended reading.—W. V. Brelsford (Ed.), *Handbook to the Federation of Rhodesia and Nyasaland*, chaps. 3 and 5; E. Colson and M. Gluckman (Eds.), *Seven Tribes of British Central Africa*; J. A. Barnes, *Politics in a Changing Society*; E. Colson, *Marriage and the Family among the Plateau Tonga*; *The Social Organization of the Gwembe Tonga*; I. Cunison, *The Luapula Peoples of Northern Rhodesia*; M. Gluckman, *The Judicial Process among the Barotse*; J. F. Holleman, *Shona Customary Law*; J. C. Mitchell, *The Yao Village*; *An Outline of the Sociological Background of African Labour*; A. R. Radcliffe-Brown and D. Forde (Eds.), *African Systems of Kinship and Marriage*; M. Read, *The Ngoni of Nyasaland*; A. I. Richards, *Land, Labour and Diet in Northern Rhodesia*; V. W. Turner, *Schism and Continuity in an African Society*; W. Watson, *Tribal Cohesion in a Money Economy*; International African Institute, *Ethnographic Survey of Africa: West Central Africa, Parts I-IV, Southern Africa, Part IV*; *The Rhodes-Livingstone Papers* (all relevant numbers); *The Rhodes-Livingstone Journal*.

Further reading will be recommended during the course.

652. Ethnography of East Africa: Bantu Peoples. Dr. Mair. Sixteen lectures, Lent and Summer Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area, Eastern Africa); students taking Social Anthropology (Eastern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—Discussion will be concentrated on the social and political organisation of the principal Bantu peoples in Kenya, Uganda, and Tanganyika.

Recommended reading.—L. A. Fallers, *Bantu Bureaucracy*; J. H. M. Beattie, *Bunyoro, an African Kingdom*; *Nyoro Kinship, Marriage and Affinity*; J. J. P. Maquet, *The Premise of Inequality in Ruanda*; G. Wagner, *The Bantu of North Kavirondo, Vol. I*; J. F. M. Middleton, *The Kikuyu and Kamba of Kenya*; B. Bernardi, *The Mugwe*; J. Kenyatta, *Facing Mount Kenya*; P. Mayer, *The Lineage Principle in Gusii Society*; *Gusii Bridewealth, Law and Custom*; M. Fortes (Ed.), *Marriage in Tribal Society* (Essays by G. Harris and J. La Fontaine); M. M. Wilson, *Good Company*; *Rituals of Kinship Among the Nyakyusa*; *Communal Rituals of the Nyakyusa*.

653. Ethnography of South Africa. Professor Schapera. Sixteen lectures, Lent and Summer Terms. (This course will not be given in the session 1963-64; it will be given in the session 1964-65.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (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.—BASIC: I. Schapera, *The Khoisan Peoples of South Africa; The Bantu-Speaking Tribes of South Africa; Government and Politics in Tribal Societies.*

SUPPLEMENTARY: E. H. Ashton, *The Basuto*; A. T. Bryant, *The Zulu People*; M. Hunter, *Reaction to Conquest*; H. A. Junod, *The Life of a South African Tribe*; E. J. Krige, *The Social System of the Zulus*; E. J. and J. D. Krige, *The Realm of a Rain Queen*; H. Kuper, *An African Aristocracy; The Swazi*; I. Schapera, *The Tswana*; V. G. Sheddick, *The Southern Sotho*; H. A. Stayt, *The Bavenda*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage.*

654. Ethnography of Polynesia. This course will be given only by special arrangement.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (Second and Third Years)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; students taking Social Anthropology as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal primarily with the social structure and social organisation of Polynesian peoples, including changes due to their adaptation to Western civilisation.

Recommended reading.—F. M. Keesing, *South Seas in the Modern World; Modern Samoa*; H. I. Hogbin, *Law and Order in Polynesia*; M. Mead, *Coming of Age in Samoa; Social Organization of Manu'a*; E. W. Gifford, *Tongan Society*; E. Beaglehole, *Pangai, Village in Tonga*; E. and P. Beaglehole, *Ethnology of Pukapuka*; R. Firth, *We, The Tikopia; Primitive Polynesian Economy; Work of the Gods in Tikopia; Social Change in Tikopia; Economics of the New Zealand Maori*; H. B. Hawthorn, *The Maori: A Study in Acculturation*; M. D. Sahlins, *Social Stratification in Polynesia.*

Other reading will be given during the course.

655. Social Anthropology (Classes).

(a) Classes will be held throughout the session for students taking the B.A. Honours in Anthropology, the B.A./B.Sc. (Sociology), Option II, the B.Sc. (Econ.) Part I, Alternative subject of Principles and Methods of Social Anthropology, the B.Sc. (Econ.) Part II, Special subject Social Anthropology, and Academic Postgraduate Diploma in Anthropology.

(b) Regional classes may also be given, and special classes will be given for graduate students where required.

(iii) Applied Anthropology

656. Introduction to Applied Anthropology. Dr. Benedict and Miss Spens. Twenty-four classes, Sessional.

For Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course. Oversea Service Officers and students taking the Diploma in Economic and Social Administration may attend.

Syllabus.—This course is designed for students with little or no anthropological training. It emphasizes the rudiments of social anthropology covering such topics as status and role, family and kinship, economic, political and religious systems.

Recommended reading.—Reading will be recommended during the course.

657. Applied Anthropology and Social Development in Low Income Countries. Dr. Stirling, Dr. Benedict and Miss Spens. Twenty-four classes, Sessional.

For Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course. Oversea Service Officers; students taking the Diploma in Economic and Social Administration; B.A./B.Sc. (Sociology) Option II (Second and Third Years); B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81, XII 2b may attend.

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.—Reading will be recommended during the course.

658. Social Implications of Technological Change. Dr. Stirling. Ten lectures, Michaelmas Term.

Suitable for B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81; XII 2b, 4; for Oversea Service Officers; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and the Academic Postgraduate Diploma in Anthropology (Second Year).

Syllabus.—Changes in family life, government and law, land tenure and productive techniques, religion and magic under the influence of western technology.

Recommended reading.—P. Hill, *The Gold Coast Cocoa Farmer*; R. P. Dore, *City Life in Japan* (Section III), F. G. Bailey, *Caste and the Economic Frontier*; L. A. Fallers, *Bantu Bureaucracy*; I. Schapera, *Christianity and the Tswana*; T. L. Hodgkin, *Nationalism in Colonial Africa.*

Other reading will be suggested in the course of the lectures.

659. Selected Problems in Applied Anthropology. Dr. Benedict. Ten lectures, Lent Term.

Suitable for B.A. Honours in Anthropology; B.A./B.Sc. (Sociology) Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81, XII 2b; for Oversea Service Officers; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; Academic Postgraduate Diploma in Anthropology (Second Year); and the Diploma in Economic and Social Administration.

Syllabus.—The value of anthropology in relation to practical activities; politics and policy, communication, political structure, health and disease, mental health, family planning, education and economic problems, urbanization.

Recommended reading.—L. P. Mair, *Studies in Applied Anthropology*; B. Paul and W. B. Miller (Eds.), *Health, Culture and Community*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; M. K. Opler (Ed.), *Culture and Mental Health*, "Social Anthropology and Health Education" in *The Health Education Journal*, Vol. XV, No. 2, May, 1957; P. Marris, *Family and Social Change in an African City*; J. Spillius, "Natural Disaster and Political Crisis in a Polynesian Society" in *Human Relations*, Vol. X, Nos. 1 and 2, 1957; B. Benedict, "Education Without Opportunity" in *Human Relations*, Vol. XI, No. 4, 1958.

Other reading will be suggested in the course of the lectures.

Note.—Students should also refer to Course No. 578.

660. Rural Development and Land Reform. Dr. Stirling. Six lectures, Lent Term.

Suitable for B.A. Honours in Anthropology; B.A./B.Sc. (Sociology) Option II (Second and Third Years); for B.Sc. (Econ.) Part II (Second and Third Years)—*Social Aspects of Political and Economic Development*, V 81, XII 2b; for Oversea Service Officers; Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; Academic Postgraduate Diploma in Anthropology (Second Year).

Syllabus.—Aims and methods of development programmes including "community development". Relations between governments, agents, leaders and people. Effects on traditional structure. Resistances and difficulties. Land tenure as an obstacle to development. Social problems of land tenure reform.

Recommended reading.—ESSENTIAL: T. R. Batten, *Communities and their Development*; A. C. Mayer, Articles in *Pacific Affairs*, Vol. XXIX, 1 March, 1956, and Vol. XXX, 1 March, 1957; Colonial Office, *Community Development*, 1958; S. C. Dube, *India's Changing Villages*; C. O. Senior, *Land Reform and Democracy*.

SUPPLEMENTARY: E. H. Spicer (Ed.), *Human Problems in Technological Change*; P. du Sautoy, *Community Development in Ghana*; S. H. Franklin, "Social Structure and Land Reform in Southern Italy", *The Sociological Review*, Vol. 9, No. 3, November 1961; R. P. Dore, *Land Reform in Japan*; India, Planning Commission, *Evaluation Reports on Working of Community Projects*; United Nations Community Development Evaluation Mission in India 1958-59; United Nations, *Progress in Land Reform*, Second Report, 1956; recent numbers of *Kurukshetra*.

661. Race and Society. (This course will not be given in the session 1963-64.)

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); and for other students interested in the subject.

Syllabus.—The development of concepts of race and racial ideologies. Psychological and sociological treatment of problems of prejudice, hostility, discrimination, and conflict. Survey of work done on race relations.

Suggested reading.—UNESCO pamphlets in the series *The Race Question in Modern Science*; O. Klineberg, *Race Differences*; W. C. Boyd, *Genetics and the Races of Man*; G. E. Simpson and J. M. Yinger, *Racial and Cultural Minorities*; A. W. Lind (Ed.), *Race Relations in World Perspective*; G. Myrdal, *An American Dilemma*; K. L. Little, *Negroes in Britain*; M. P. Banton, *The Coloured Quarter*; S. Collins, *Coloured Minorities in Britain*; M. Freedman (Ed.), *A Minority in Britain*; J. H. Robb, *Working-class Anti-Semitism*; O. C. Cox, *Caste, Class and Race*; M. Banton, *White and Coloured*; R. Glass, *Newcomers*; R.A.I. and I.R.R., *Man, Race, and Darwin*.

(iv) Special Series

662. Art and Society in New Guinea. Mr. Forge. Four lectures, Lent Term.

Syllabus.—The relationship between primitive art and the society that produces it; the place of the artist in his society; the nature and bases of appreciation and criticism from an anthropological point of view. The problems will be discussed mainly with reference to material from the Abelam tribe.

Recommended reading.—F. Boas, *Primitive Art*; R. Firth, *Art and Life in New Guinea*; "Social Framework of Primitive Art", in *Elements of Social Organisation*; E. R. Leach, "Aesthetics" in *The Institutions of Primitive Society*; Marian W. Smith (Ed.), *The Artist in Tribal Society*; P. M. Kaberry, "The Abelam Tribe" in *Oceania*, Vol. XI, 1941; G. Bateson, *Naven*.

663. Pueblo Culture and Society. Mr. Fox. Five lectures, Lent Term.

Syllabus.—The particular interest of the Pueblos: intensive study, cultural survival, theoretical issues. The Western-Eastern distinction and its ecological, cultural and social features. The problem of the "Keresan bridge". Kinship, clanship, household and dual organization. Ritual organization, factionalism and acculturation.

Recommended reading.—ESSENTIAL: F. Eggan, *Social Organization of the Western Pueblos*; E. Dozier, "Rio Grande Pueblos" in *Perspectives in American Indian Culture Change*, E. H. Spicer (Ed.); E. C. Parsons, *Pueblo Indian Religion*.

SUPPLEMENTARY: A. L. Kroeber, "Zuni Kin and Clan" (*Anthropological Papers of the American Museum of Natural History*, Vol. XVIII, Part II); C. D. Forde, "Hopi Agriculture and Land Ownership" (*Journal of the Royal Anthropological Institute*, LXI); R. F. Benedict, *Patterns of Culture*; C. H. Lange, *Cochiti*; L. A. White, "The Pueblo of Santo Domingo, New Mexico" (*Memoirs of the American Anthropological Association*, XLIII); K. Wittfogel and E. S. Goldfrank, "Some Aspects of Pueblo Mythology and Society" (*Journal of American Folklore*, LVI); L. W. Simmons (Ed.), *Sun Chief: The Autobiography of a Hopi Indian*; M. C. Stevenson, "The Zuni Indians" (*23rd Annual Report of the Bureau of American Ethnology*); M. Titiev, "Old Oraibi" (*Papers of the Peabody Museum of Archaeology and Ethnology*, Vol. XXII, No. 1).

Further reading will be suggested in the course of the lectures.

FOR GRADUATE STUDENTS

665. Seminar on Anthropological Theory. A seminar on anthropological theory will be held by Professor Firth for graduate students throughout the session. Admission only by permission of Professor Firth.

666. Seminar on Comparative Social Institutions (Western, Oriental and Primitive). A seminar will be held throughout the session by Mr. Dore, Dr. Freedman, Professor MacRae and Professor Schapera for graduate students of Social Anthropology and Sociology.

667. Seminar on Current Anthropological Themes. A seminar will be held by Dr. Stirling, Mr. Fox and other members of the Department fortnightly during the Michaelmas and Lent Terms.

668. Seminar on Field Methods. A seminar for graduate students will be held by Mr. Forge in the Summer Term.

669. Current Problems in the Middle East and North Africa (Seminar). A joint seminar with the School of Oriental and African Studies for members of the staff and graduate students will be held weekly by Dr. Stirling, Mr. Kedourie and Mr. Watt in the Michaelmas and Lent Terms. (This course will not be given in the session 1963-64.)

670. Problems of Modern Africa (Seminar). Professor Schapera and Dr. Mair will hold a seminar for members of the staff and graduate students fortnightly in the Michaelmas and Lent Terms.

The attention of students is also drawn to the fact that other regional courses are given on an inter-collegiate basis, e.g., Melanesia (University College), West Africa (University College), India (School of Oriental and African Studies).

DEMOGRAPHY

680. Introduction to Demography. Mr. Carrier. Eighteen lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Second Year).

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*; M. A. A. Landry and others, *Traité de Démographie*; 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's 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. Seven lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year). Also recommended for 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.

Recommended reading.—A. J. Lotka, *Analyse démographique*; E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940); United Nations Population Studies, No. 22, *Age and Sex Patterns of Mortality*; No. 25, *Methods of Population Projections by Sex and Age*.

Detailed references will be given as the course proceeds.

682. Elements of Demographic Analysis. Mr. Hajnal. Six lectures and six classes, Lent Term.

For B.Sc. (Econ.) Part II—*Demography I*, VIII 8a (Second Year). For B.A./B.Sc. (Sociology) (Second Year), Option I, 8e and Option II, 9b.

Syllabus.—Sources and reliability of population statistics. The life table and its applications. Elements of standardization. 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*; Appendix to P. H. Landis, *Population Problems* (2nd edn., prepared by P. K. Hatt); 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. Population Trends and Policies. Professor Glass. Eight lectures, Michaelmas Term. Class work will also be required.

For B.Sc. (Econ.) Part II—*Demography I*, VIII 8a (Second Year); *Demography II*, IX 6 and 7b (Second Year). For B.A./B.Sc. (Sociology) (Second Year) Option I, 8e and Option II, 9b. Also recommended for 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 under-developed territories. Population theory and policy.

Recommended reading.—(Additional to reading list for Course No. 682, Elements of Demographic Analysis.) United Nations (Population Division), *The Determinants and Consequences of Population Trends*; D. Kirk, *Europe's Population in the Inter-war Years*; J. J. Spengler, *France Faces Depopulation*; D. V. Glass, *Population Policies and Movements in Europe*; D. V. Glass and E. Grebenik, *The Trend and Pattern of Fertility in Great Britain: A Report on the Family Census of 1946*; W. Moore, *Economic Demography of Eastern and Southern Europe*; F. Lorimer, *The Population of the Soviet Union*; F. W. Notestein and others, *The Future Population of Europe and the Soviet Union*; K. Davis, *The Population of India and Pakistan*; A. J. Coale and E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries*; W. S. Thompson, *Population and Peace in the Pacific*; C. and I. B. Taeuber, *The Changing Population of the United States*; W. D. Borrie, *Population Trends and Policies*; Milbank Memorial Fund, *Demographic Studies of Selected Areas of Rapid Growth*; R. Ishii, *Population Pressure and Economic Life in Japan*; I. B. Taeuber, *The Population of Japan*; Ta Chen, *Population in Modern China*; J. Isaac, *The Economics of Migration*; M. L. Hansen, *The Atlantic Migration*; M. R. Davie, *World Immigration*; W. D. Forsyth, *The Myth of Open Spaces*; G. Plant, *Oversea Settlement*; Milbank Memorial Fund, *Postwar Problems of Migration*; A. Myrdal, *Nation and Family*; E. Lewis-Faning, *Family Limitation* (Royal Commission on Population Papers, Vol. I); P. K. Whelpton, C. V. Kiser and others, "Social and Psychological factors affecting fertility" (*Milbank Memorial Fund Quarterly*, 1942 et seq.) (in progress); Milbank Memorial Fund, *Modernization Programs in Relation to Human Resources and Population Problems*; M. Reinhard, *Histoire de la population mondiale*; *American Academy of Political and Social Science, Annals*, Vol. 237, "World Population in Transition"; K. Smith, *The Malthusian Controversy*; D. V. Glass (Ed.), *Introduction to Malthus*.

684. Demography (Class). Ten classes of two hours each will be held by Mr. Carrier in the Lent Term for students taking B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year). Other students will be admitted only by permission.

685. Demography Revision Class. Mr. Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II—*Demography II*, IX 6 and 7b (Third Year).

FOR GRADUATE STUDENTS

686. Demography (Seminar). Arrangements will be announced later.

PSYCHOLOGY

700. Introduction to Psychology. Mr. Price-Williams. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Historical background, concepts and methods of general psychology. The influence of heredity and environment. Developmental stages and individual differences. Basic psychological processes of motivation, cognition and emotion. Effects of the social environment on these processes. Social aspects of personality and socialisation.

Recommended reading.—BASIC READING: K. Davis, *Human Society*; H. H. Gerth and C. W. Mills, *Character and Social Structure*; R. Stagner and T. F. Karwoski, *Psychology*; or N. L. Munn, *Psychology: The Fundamentals of Human Adjustment*; R. H. Thouless, *General and Social Psychology*; A. W. P. Wolters, *The Evidence of Our Senses*; O. L. Zangwill, *An Introduction to Modern Psychology*; R. Fletcher, *Instinct in Man*; D. R. Price-Williams, *Introductory Psychology, An Approach for Social Workers*.

Selections from the following Pelican books are recommended: J. Cohen, *Chance, Skill and Luck*; J. Wynn Reeves, *Body and Mind in Western Thought*; W. Sluckin, *Minds and Machines*; R. Thomson, *The Psychology of Thinking*; H. J. Eysenck, *Uses and Abuses of Psychology*; S. S. Stevens, *Sense and Nonsense in Psychology*; W. Kohler, *The Mentality of Apes*; I. M. L. Hunter, *Memory: Facts and Fallacies*.

701. Depth Psychology and Mental Health. Mr. Price-Williams. Ten lectures, Lent Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—History and Methodology of Psycho-Analysis. Theory and Practice of Freudian, Analytic and Neo-Freudian viewpoints; their bearing on the assessment and measurement of personality.

The field of psycho-pathology. Classification and symptomology of mental illness. Theories of causation of mental illness. Types of treatment. Culture and neurosis.

Recommended reading.—BASIC READING: S. Freud, *Introductory Lectures on Psycho-Analysis*; *Psycho-pathology of Everyday Life*; *The Interpretation of Dreams*; *The Ego and the Id*; C. M. Thompson, *Psycho-Analysis: Evolution and Development*; L. G. Lowrey, *Psychiatry for Social Workers*; J. M. Hunt (Ed.), *Personality and the Behaviour Disorders* (selected chapters); C. S. Hall and G. Lindzey, *Theories of Personality*; A. D. B. Clarke and A. M. Clarke, *Mental Deficiency: The Changing Outlook*; A. B. Hollingshead and F. C. Redlich, *Social Class and Mental Illness*; M. Klein and others, *New Directions in Psycho-Analysis*; R. L. Munroe, *Schools of Psycho-Analytic Thought*; M. K. Opler (Ed.), *Culture and Mental Health: Cross-Cultural Studies*; J. W. Eaton and R. J. Weil, *Culture and Mental Disorders: A Comparative Study of the Hutterites and Other Populations*.

Selections from the following Pelican books are recommended: H. Yellowlees, *To Define True Madness*; D. Stafford-Clark, *Psychiatry To-Day*; F. Fordham, *An Introduction to Jung's Psychology*; I. D. Suttie, *The Origins of Love and Hate*; L. Way, *Alfred Adler: His Psychology*; J. Bowlby, *Child Care and the Growth of Love*.

702. Social Psychology. Mr. Price-Williams. Ten lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Scope and history of social psychology. Relationship to sociology and to individual psychology.

The methodology of social psychology. Methods of extracting information; interviews; questionnaires; attitude scales and measurement; specialised observational techniques.

Contemporary theoretical frameworks of social psychology; stimulus-response theories; cognitive theory; relational approaches and field concepts; psycho-analytic orientations; role theory.

Selected topics in social psychology: beliefs and attitudes; interpersonal communication; mass media; prejudice; group behaviour and interaction; leadership; culture and behaviour.

Recommended reading.—G. E. Swanson, T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (Rev. edn., 1952); W. J. H. Sprott, *Social Psychology*; *Human Groups* (Pelican); M. Sherif, *An Outline of Social Psychology*; T. M. Newcomb, *Social Psychology*; G. W. Allport, *The Nature of Prejudice*; S. Freud, *Civilisation and its Discontents*; *Group Psychology and the Analysis of the Ego*; C. I. Hovland and others, *Communication and Persuasion*; S. L. Payne, *The Art of Asking Questions*; J. M. Blackburn, *Psychology and the Social Pattern*; H. T. Himmelweit and others, *Television and the Child*; M. Ginsberg, *Psychology of Society*; *On the Diversity of Morals* (selected essays); G. Lindzey (Ed.), *Handbook of Social Psychology* (selected chapters).

703. General Course in Psychology. Mr. Hotopf. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject of Psychology; B.A./B.Sc. (Sociology), Option I and option 9a for Option II (First Year).

Syllabus.—The aims, assumptions, and methodological preferences of experimental psychology, seen in the light of its history and position in society. The contrasting position of medical psychology and, in particular, psycho-analysis.

What experimental studies of learning and forgetting tell us about methods of study and propaganda. The contrasting approaches of field theorists and associationists as shown by studies of perception. Relevance of studies of perception and problem-solving to questions of scientific method and to problems of social communication.

The issue of human nature as posed by theories of instinct. Cultural and biological approaches to motivation compared. The relation of learning to instinct, and the importance of early experiences, as revealed by studies of animals.

The origins of psychoanalysis. Libido theory and the family. The infant's conception of the world; the relationship of this to adult personality and moral behaviour, according to Freudian theory.

Recommended reading.—N. L. Munn, *Psychology*; R. Stagner and T. F. Karwoski, *Psychology*; R. S. Woodworth and D. G. Marquis, *Psychology* (20th edn.); E. G. Boring and others, *Foundations of Psychology* (1948 edn.); R. H. Thouless, *General and Social Psychology*; O. L. Zangwill, *An Introduction to Modern Psychology*; J. M. Blackburn, *Psychology and the Social Pattern*; R. S. Woodworth, *Contemporary Schools of Psychology*; L. W. Crafts and others, *Recent Experiments in Psychology*; R. Fletcher, *Instinct in Man*; S. Freud, *Introductory Lectures on Psychoanalysis*; J. C. Flügel, *Man, Morals and Society*; K. Horney, *New Ways in Psychoanalysis*; S. S. Isaacs, *Social Development in Young Children*.

704. The Assessment of Psychological Attributes. Dr. Oppenheim. Six lectures, Lent Term.

For B.Sc. (Econ.) Part I—Alternative subject of Psychology; B.A./B.Sc. (Sociology), Option I and option 9a for Option II (First Year); Diploma in Personnel Management.

Syllabus and reading list to be announced at the beginning of the course.

705. Theories of Personality. Personality Assessment. Dr. Himmelweit. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II—Optional for *Psychology*, VIII 8b (Second Year); B.A./B.Sc. (Sociology), Option I and option 9a for Option II (Second Year); Diploma in Personnel Management.

Syllabus.—Theories of personality, including psychoanalytic theories. The process of socialization: growth and development of needs. Modes of adjustment to the environment. Abnormal behaviour patterns: delinquent, neurotic, psychotic patterns of behaviour. Methods of personality description and assessment.

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

706. Research Methods in Social Psychology. Dr. Himmelweit and Dr. Oppenheim. Six lectures, Summer Term.

For B.Sc.(Econ.) Part II—Optional for *Psychology*, VIII 8b (Second Year); B.A./B.Sc. (Sociology), Option I and option 9a for Option II (Second Year). For the Academic Diploma in Psychology; Diploma in Personnel Management.

Syllabus.—Some general problems involved in the use of measuring instruments in social research. Theoretical assumptions behind the measurement of opinions and attitudes—techniques for the construction of attitude scales—indirect methods for measuring attitudes. Problems of interviewing; the use of projective techniques in social research; observational and sociometric techniques in the study of small groups; experimental studies of groups; prediction studies; deviant case analysis.

Recommended reading.—M. Jahoda and others, *Research Methods in Social Relations*; L. Festinger and D. Katz, *Research Methods in the Behavioral Sciences*; H. H. Hyman, *Survey Design and Analysis*; H. H. Hyman and others, *Interviewing in Social Research*; G. Lindzey, *Handbook of Social Psychology* (selected chaps.); S. le Baron Payne, *The Art of Asking Questions*; C. A. Moser, *Survey Methods in Social Investigation*.

707. General Course in Social Psychology. Dr. Himmelweit, Dr. Oppenheim and Mr. Holmes. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Psychology*, VIII 8b (Third Year); for B.A./B.Sc. (Sociology), Option I and option 9a for Option II (Third Year); for the Diploma in Personnel Management; and the Academic Diploma in Psychology.

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.

Socialization: theories of social learning and reference group behaviour. Interpersonal relations in the family, peer group, in school and at work. 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.

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; the psychology of social class membership, national character; leadership; industrial relations.

Recommended reading.—GENERAL TEXT-BOOKS: T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three editions); T. M. Newcomb, *Social Psychology*; G. Lindzey, *Handbook of Social Psychology* (selected chapters); S. E. Asch, *Social Psychology*; D. Krech and R. S. Crutchfield, *The Individual and Society*; D. Harding, *Social Psychology and Individual Values*; M. and C. Sherif, *An Outline of Social Psychology* (revised edn.).

OTHER BOOKS: E. Tolman, *Behaviour and Psychological Man*; M. Ginsberg, *Social Psychology*; R. Taguiri and L. Petruccio, *Person Perception and Interpersonal Behaviour*; S. Freud, *Civilisation and its discontents*; *Group Psychology and the analysis of the ego*; R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research*; R. J. Havighurst and A. Davis, *Father of the Man*; D. R. Miller and G. Swanson, *The Changing American Parent*; T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; G. W. Allport, *The Nature of Prejudice*; W. Brewster Smith, J. Bruner and R. White, *Opinions and Personality*; C. I. Hovland and others, *Communication and Persuasion*; D. Cartwright and A. Zander (Eds.), *Group dynamics: Research and Theory*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; R. Centers, *The Psychology of Social Classes*; W. Schramm, *The Process and Effects of Mass Communication*; J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society*; D. V. Glass (Ed.), *Social Mobility in Britain*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*.

708. Industrial Psychology. Mr. Holmes. Ten lectures and classes, Lent Term.

For Diploma in Operational Research.

Syllabus.—Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and its breakdown: co-operative and competitive situations, resistance to change.

The nature of incentives; supervisory and other leadership. Personnel counselling and attitude measurement. Supervisory training.

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*.

Further reading will be recommended during the course of the lectures.

709. Psychology Classes. Classes will be arranged for B.Sc. (Econ.) Part I students offering Psychology as an alternative subject.

710. Psychology Classes. Fortnightly classes will be held during the Lent Term for B.Sc. (Econ.) Part II—*Psychology*, VIII 8b, and for B.A./B.Sc. (Sociology) second year students.

711. Social Psychology Classes. Classes will be arranged for B.Sc. (Econ.) Part II—*Psychology*, VIII 8b and for B.A./B.Sc. (Sociology) third year students.

FOR GRADUATE STUDENTS

712. Psychology Seminar. Dr. Himmelweit. A fortnightly seminar for graduate students will be held throughout the session.

713. Theories and Methods Seminar in Social Psychology. Dr. Oppenheim. Weekly seminar for graduate students throughout the session. The seminar will deal mainly with problems of research methods and principles of theory formulation.

714. Communication and the Process of Attitude Change.

Dr. Himmelweit. A weekly seminar will be held in the Lent Term.

Syllabus.—The process of attitude formation. Factors making for stability of attitudes and those making for attitude change.

Attitude change problems in the field of politics, education, industry and social welfare.

Decision conflict. Theory of cognitive dissonance.

Communication theories and their application to social psychological problems.

The assessment of the content and of the effects of a communication: laboratory and field studies.

Propaganda and advertising.

The influence of the mass media: radio, press, cinema and television.

Recommended reading.—A book list will be given at the beginning of the course.

715. Language and Communication. Mr. Hotopf. Ten lectures, Michaelmas Term.

For graduate students. Open to undergraduates who are interested in this subject.

Syllabus.—Relevance of language to social science studies. Contributions of different disciplines to our knowledge of language. General theory of communication. What light study of perception throws on communication. Attempts at measuring meaning: comprehension tests, content analysis. The problem of ambiguity in question-wording and scientific communication. Theories of the influence of language on thought. General semantics. Theories and experiments concerning the influence of language on thought.

Recommended reading.—(i) GENERAL: E. Sapir, *Language*; J. B. Carroll, *The Study of Language*; S. E. Asch, *Social Psychology*; P. Henle (Ed.), *Language, Thought and Culture*; S. L. B. Payne, *The Art of Asking Questions*; R. W. Brown, *Words and Things*.

(ii) Specific references will be given at the beginning of the course.

716. Language and Society (Seminar). A seminar for graduate students will be held by Mr. Hotopf in the Summer Term.**717. Research Problems Seminar.** A weekly seminar will be held throughout the session by members of the department.**SOCIAL SCIENCE AND ADMINISTRATION****720. Introduction to Social Policy.** Professor Titmuss. Two lectures, Michaelmas Term, ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—Concepts of social need and social service. The growth and division of collective action from the poor law to "The Welfare State". The causes of need and its changing nature in relation to the family. The effects of industrialisation, the division of labour and technological change. Philosophic and economic views on social policy. Social philanthropy, mutual aid and public responsibility.

The social functions of the social services. An analysis of developments in the main branches of the services since the end of the 19th century. The problems of poverty, sickness and old age; the break-up of the poor law. The influence of war, the emancipation of women and other factors on social attitudes to reform. The development of law as an instrument of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. Problems of redistributive justice and ethical issues in social policy.

Recommended reading.—M. P. Hall, *The Social Services of Modern England*; K. de Schweinitz, *England's Road to Social Security*; T. S. Simey, *Principles of Social Administration*; R. M. Titmuss, *Problems of Social Policy*; *Essays on "The Welfare State"*; G. and M. Wilson, *The Analysis of Social Change*; L. T. Hobhouse, *Social Development*; E. Durkheim, *The Division of Labour in Society*; B. Webb, *My Apprenticeship*; *Diaries*; W. G. Friedmann, *Law and Social Change in Contemporary Britain*; D. V. Glass (Ed.), *Introduction to Malthus*; B. de Jouvenel, *The Ethics of Redistribution*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; E. W. Bakke, *Citizens without Work*; G. A. N. Lowndes, *The Silent Social Revolution*; S. and B. Webb, *English Poor Law Policy*; *Social Insurance and Allied Services* (Beveridge Report) (Cmd. 6404, B.P.P., 1942-43, Vol. II); A. M. Carr-Saunders, D. Caradog Jones and C. A. Moser, *A Survey of Social Conditions in England and Wales*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

721. Health and Social Medicine.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-year Course. Optional for B.A./B.Sc. (Sociology) (Second Year)—Option I.

(a) Sociology of Medical Care. Professor Titmuss. Five lectures, Lent Term.

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 rôle 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*; G. Newman, *The Building of a Nation's Health*; 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)*, Cmd. 9663; E. Gartly Jaco, *Patients, Physicians and Illness*; A. Lindsey, *Socialized Medicine in England and Wales: The National Health Service 1948-61*.

(b) **Aspects of Health and Disease.** Dr. Holland. Five lectures, Lent Term.

722. **Development of Social Administration.** Mrs. Cockburn. Eight lectures, Michaelmas Term (beginning in the third week).

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—A discussion of the principles, functions and methods of administration of the social services. The course will include a brief account of the growth of the social services, statutory and voluntary, from 1900 but the emphasis will be mainly on developments since 1945 and on current issues.

Recommended reading.—D. V. Donnison, *The Development of Social Administration* (Inaugural lecture); M. Bruce, *The Coming of the Welfare State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; S. and B. Webb, *English Poor Law History*, Part II; B. S. Rowntree, *Poverty: A Study of Town Life*; Royal Commission on the Poor Laws and Relief of Distress, *Majority and Minority Reports*; B. Abel-Smith, *A History of the Nursing Profession*; A. Tropp, *The School Teachers*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; C. L. Mowat, *Britain Between the Wars, 1918-1940*; K. de Schweinitz, *England's Road to Social Security*; H. C. Barnard, *A Short History of English Education from 1760 to 1944*; C. F. Brockington, *A Short History of Public Health*; M. E. A. Bowley, *Housing and the State, 1919-1944*; J. Heywood, *Children in Care*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

R. M. Titmuss, *Problems of Social Policy; Essays on "The Welfare State"*; T. S. Simey, *Principles of Social Administration*; M. P. Hall, *The Social Services of Modern England*; W. A. Robson (Ed.), *Social Security; Social Insurance and Allied Services* (Beveridge Report) Cmd. 6404 (B.P.P., 1942-43, Vol. VI); D. C. Marsh, *National Insurance and Assistance in Great Britain*; J. S. Ross, *The National Health Service in Great Britain*; H. H. Eckstein, *The English Health Service*; D. V. Donnison, *Housing Policy Since the War* (Occasional Papers on Social Administration, No. 1); J. B. Cullingworth, *Housing Needs and Planning Policy*; H. C. Dent, *The Educational System of England and Wales*; P. Townsend, *The Family Life of Old People; The Last Refuge*; B. E. Shenfield, *Social Policies for Old Age*; K. M. Slack, *Councils, Committees and Concern for the Old* (Occasional Papers on Social Administration, No. 2); W. H. Beveridge, *Voluntary Action*; M. Rooff, *Voluntary Societies and Social Policy*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*.

723. **Aspects of Social Policy.** Members of the Department. Eighteen lectures, Lent and Summer Terms.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year).

(a) **Old Age.** Miss Slack. Two lectures.

Syllabus.—Personal problems and needs of the old. Services for the care and welfare of the ageing and infirm. The family and its older members.

Recommended reading.—B. E. Shenfield, *Social Policies for Old Age*; P. Townsend, *The Last Refuge; The Family Life of Old People*; Nuffield Foundation, *Old People; The Social Medicine of Old Age*; K. M. Slack, *Councils, Committees and Concern for the Old* (Occasional Papers on Social Administration, No. 2).

(b) **Education.** Mr. Greve. Two lectures.

Syllabus.—Selected current issues in educational administration.

Recommended reading.—P. E. Vernon (Ed.), *Secondary School Selection*; J. E. Floud, et al., *Social Class and Educational Opportunity*; Association of Education Committees, *Threat to Education*; U.K. Ministry of Education, 1956, *Technical Education* (Cmd. 9703); United Kingdom, Central Advisory Council for Education (England), *Report on Early Leaving*; United Kingdom, *Scientific and Engineering Manpower in Great Britain*; *Annual Report of the Advisory Council on Scientific Policy, 1956-57* (Cmd. 278); J. Vaizey, *The Costs of Education*; U.K. Ministry of Education, 1958, *Secondary Education for All* (Cmd. 604); R. H. Chetwynd, *Comprehensive School*.

(c) **Child Care.** Miss Bell. Two lectures.

Syllabus.—A general review of developments in the child care service since 1948 and some discussion of current problems.

Recommended reading.—Suggestions for reading will be given at the lectures.

(d) **Mental Health.** Mrs. McDougall. Two lectures.

Syllabus.—A consideration of the social services concerned with mental health. Trends in relation to hospital and community care of the mentally ill and the subnormal. The child guidance service.

Recommended reading.—*Report of the Royal Commission on the Law Relating to Mental Illness and Mental Deficiency* (Cmd. 169, 1957); *Report of the Committee on Mal-adjusted Children* (Underwood Report), 1955; A. M. and A. D. B. Clarke, *Mental Deficiency*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

(e) **Housing.** Mr. Greve. Two lectures.

Syllabus.—The lectures will discuss current issues in housing policy.

Recommended reading.—M. J. Elsas, *Housing Before the War and After* (2nd edn.); M. E. A. Bowley, *Housing and the State*; H. Ashworth, *Housing in Great Britain; Houses—The Next Step* (H.M.S.O., Cmd. 8996, 1953); J. B. Cullingworth, *Housing Needs and Planning Policy*; D. V. Donnison, *Housing Policy since the War*; D. Donnison, C. Cockburn, T. Corlett and others, *Housing Since the Rent Act*; J. Greve, *The Housing Problem*; U.K. Ministry of Housing and Local Government, *Homes for Today and Tomorrow* (1961).

Other suggestions for reading will be made by the lecturer.

(f) **Aspects of the Penal System.** Mr. Forder. Two lectures.

Syllabus.—Current problems in the administration of justice, and in penal treatment in institutions and the community will be considered with special reference to recent government publications.

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* (Cmd. 937); *Report of the Committee on Children and Young Persons* (Cmd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmd. 1650).

(g) **Some Social Problems of Employment.** Miss Seear. Two lectures.

Syllabus.—Social and industrial provision for the employment, training and education of young workers. The work of the Youth Employment Service. Apprenticeship and

other training schemes. State and voluntary provision for further education including the County Colleges. The employment of women and the special social and industrial problems connected with the employment of married women with domestic responsibilities.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

(h) **Current Research.** Four lectures. Members of the Department.

724. An Introduction to the Financial Problems of the Social Services. Dr. Abel-Smith. Eight lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (Second Year) and One-Year Course.

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, and the problems of allocating money to different social services.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

725. Development and Social Administration. Mrs. Judd and Mr. Hodge. Twenty-four lectures, Sessional.

For the Diploma in Social Administration (Overseas Option) (First Year) and One-year Course, and for Overseas Service Officers.

(a) **Social Needs and the Administrative Framework.** Mrs. Judd. Nine lectures, Michaelmas Term.

Syllabus.—Labour policy in developing countries; health and housing; organisation of local government; mutual aid; co-operation; education.

(b) **Community Development.** Mr. Hodge. Eight lectures, Lent Term.

Syllabus.—Community Development in low-income countries: authority, agency, and personnel. Mass literacy, self-help and community action, extension services, ad hoc campaigns. Policy and practice in Ghana and India.

Community Organisation in developed territories: settlements, community centres and neighbourhood work in urban areas; rural community action, councils of social service. Urban Renewal, and New Towns.

Recommended reading.—United Nations (ST/TAO/M/14), *Public Administration Aspects of Community Development Programmes*; United Nations Bureau of Social Affairs, *Social Progress through Community Development*; T. R. Batten, *Communities and their Development*; Central Office of Information, *Community Development: The British Contribution*; P. du Sautoy, *Community Development in Ghana*; S. C. Dube, *India's Changing Villages*; B. Mukerji, *Community Development in India*; M. G. Ross, *Community Organization: Theory and Principles*; National Council of Social Service, *Community Organisation, an Introduction*; P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain*; J. H. Nicholson, *New Communities in Britain*; United Nations Department of Economic and Social Affairs (ST/SOA/43), *Community Development in Urban Areas*.

(c) **Vulnerable Groups in a Changing Society.** Mrs. Judd. Seven lectures, Lent and Summer Terms.

Syllabus.—Waifs and Strays; the handicapped; the delinquent; the position of women.

726. Development and Social Administration (Seminar). Mrs. Judd and others will hold a seminar throughout the session for students taking the Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course, and for Overseas Service Officers.

727. Introduction to Social Work.

(a) **Case Work.** Miss Butrym. Five lectures in the Lent Term (One Year) and Summer Term (First Year).

(b) **Community Organisation and Group Work.** Mr. Kuenstler. Five lectures in the Lent Term (First Year and One Year).

For Diploma in Social Administration and Diploma in Social Administration (Overseas Option).

728. Aspects of Social Work. Various lecturers. Ten lectures, Lent Term.

For Diploma in Social Administration (First Year) and One-Year Course and Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—Ten lectures by practical experts on the rôle of the social worker in certain selected types of social service.

729. Child Development. Miss Elkan. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (First Year).

Syllabus.—Inter-relation of the various aspects of normal development—intellectual, emotional, social. Methods of studying the psychology of children. Capacities and responses present at birth. Chief characteristics of early infancy up to fifteen months. Intellectual growth after infancy. Bodily skill, play, problem solving, language development. Social and emotional development in early childhood. Intellectual development in the middle years. Development of group relationships and social play. Emotions and methods by which the child controls them. Characteristics of adolescence. Maturity of reasoning, emergence of special interests, social loyalties and conflicts. Emotional intensity. The rôle of the environment.

Recommended reading.—M. Middlemore, *The Nursing Couple*; M. A. Ribble, *The Rights of Infants*; S. S. Isaacs, *Intellectual Growth in Young Children*; *Social Development in Young Children*; D. E. M. Gardner, *The Children's Play Centre*; *The Education of Young Children*; S. S. Isaacs, *Psychological Aspects of Child Development*; *The Nursery Years*; *The Children we Teach*; A. L. Gesell and others, *The First Five Years of Life*; I. M. Josselyn, *Psychosocial Development of Children*; S. H. Fraiberg, *The Magic Years*; A. P. Jephcott, *Girls growing up*; O. A. Wheeler, *Youth*; A. L. Gesell and others, *The Child from Five to Ten*; W. D. Wall, *Mental Health and Education*; D. W. Winnicott, *The Child and the Family*; R. J. Havighurst, *Human Development and Education*; A. L. Gesell and others, *Youth: the years from ten to sixteen*; J. Stone and J. Church, *Childhood and Adolescence*; I. M. Josselyn, *The Adolescent and his World*; D. W. Winnicott, *The Child and the Outside World*; S. S. Isaacs, *Childhood and after*.

730. Introduction to British Government. Mr. Sharpe. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year and One Year).

A syllabus and reading list will be given out at the beginning of the course.

- 73I. Seminar on Social Administration.** A seminar on social policy and administration will be held by Professor Titmuss during the Michaelmas and Lent Terms. Applications for admission should be submitted to Mrs. Cockburn.

Reference should also be made to the following sections:—

Economics.
History.
Politics and Public Administration.
Anthropology.
Psychology.
Sociology.
Statistics.

Diploma in Personnel Management

- 750. Principles and Practice of Personnel Management.** A series of lectures and classes will be held by Miss Seear, Mr. Thurley and others throughout the session.

For the 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.

- 75I. Industrial Psychology.** Mr. Holmes. Twenty-five lectures, Sessional.

For the Diploma in Personnel Management.

Syllabus.—Measurement in Industry: the structure of human abilities, job analysis, selection and training techniques. Job evaluation. 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.

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*; "Industrial Psychology" in *Chamber's Encyclopaedia*; L. R. Sayles, *The Behavior of Industrial Work Groups*; W. F. Whyte and others, *Money and Motivation*; A. Zalesnik and others, *The Motivation, Productivity and Satisfaction of Workers*.

- 752. Industrial Psychology (Class).** Classes for students attending course No. 75I will be held weekly by Mr. Holmes.

- 753. The Social Organisation of Industry.** Mr. J. H. Smith. Ten lectures, Lent Term.

For the Diploma in Personnel Management; for B.A./B.Sc. (Sociology) Option I (Third Year).

Syllabus.—This course examines the sociological analysis of industrial organisation and industrial relations. The following subjects are dealt with: industrialisation in social theory; the social significance of the division of labour; management and the nature of authority in modern industry; power relations and sources of industrial conflict; studies of the working group.

Recommended reading.—E. Durkheim, *The Division of Labour in Society*; H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; E. D. Smith and R. C. Nyman, *Technology and Labour*; R. A. Brady, *Business as a System of Power*; E. G. Mayo, *The Social Problems of an Industrial Civilisation*; E. Jaques, *The Changing Culture of a Factory*; W. E. Moore, *Industrial Relations and the Social Order*; A. W. Kornhauser and others (Eds.), *Industrial Conflict*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; V. L. Allen, *Power in Trade Unions*; B. Wootton, *The Social Foundations of Wage Policy*; G. C. Homans, *The Human Group*; G. Friedmann, *Industrial Society*; W. H. Scott and others, *Technical Change and Industrial Relations*; R. Bendix, *Work and Authority in Industry*; W. H. Whyte, *The Organisation Man*; H. A. Landsberger, *Hawthorne Revisited*; T. Burns and G. M. Stalker, *The Management of Innovation*; J. H. Smith, *The University Teaching of Social Sciences—Industrial Sociology*; C. R. Walker (Ed.), *Modern Technology and Organisation*; V. A. Thompson, *Modern Organisation*.

- 754. Recent Research in Industrial Sociology.** Mr. Thurley. Six lectures, Summer Term.

For the Diploma in Personnel Management.

Syllabus.—A discussion of some recent studies in the field of industrial sociology following the lines of investigation already examined in Course No. 753.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

- 755. Methods of Social Research in Industry.** Mr. Thurley. Nine lectures and classes, Michaelmas Term.

For students who will be undertaking project work for Part B of the Diploma in Personnel Management.

Attendance at the following courses after discussion with tutors and depending on student's previous studies:—

No. 8.—Introduction to Economics.

No. 45.—The Structure of Modern Industry.

No. 48.—Recent Economic Developments.

No. 58.—The Economics of the Labour Market.

No. 125.—Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.

No. 132.—Economics for Engineers and Applied Scientists: (c) Business Organisation and Finance.

No. 262.—Introduction to Modern English Economic History.

- No. 268.—**Industrial History.**
 No. 390.—**Law of Labour and of Social Insurance.**
 No. 615.—**The Political History of Trade Unions.**
 No. 616.—**Trade Unions in Britain.**
 No. 617.—**Comparative Industrial Relations.**
 No. 619.—**Industrial Relations (Seminar).**
 No. 620.—**Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).**
 No. 700.—**Introduction to Psychology.**
 No. 701.—**Depth Psychology and Mental Health.**
 No. 702.—**Social Psychology.**
 No. 706.—**Research Methods in Social Psychology.**
 No. 707.—**General Course in Social Psychology.**
 No. 723.—**Aspects of Social Policy, (g) Some Social Problems of Employment.**
 No. 842.—**Introduction to the Social Structure of Modern Britain.**
 No. 920.—**Elementary Statistical Methods.**
 No. 946.—**The Nature and Sources of Social Statistics.**

Course for Social Workers in Mental Health

- 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 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* (the Wood Report), 1929; *Report of the Committee on Maladjusted Children* (Underwood Report), 1955.

- 771. A Sociological Approach to Social Problems.** To be arranged.

Syllabus.—Social structure and social problems. Changes in the forms of social problems. Social action. Concepts of normality. Analysis of problems associated with: (a) The Family: marriage, employment of women, family disorganisation and breakdown. (b) Delinquency: juvenile and adult, crime rates, ecological studies. (c) Psychiatric illness: incidence of mental illness, ecological and other studies.

Recommended reading.—H. D. Cloward and R. A. Stein (Eds.), *Social Perspectives on Behaviour*; J. L. Halliday, *Psycho-Social Medicine*; J. K. Folsom, *The Family and Democratic Society*; E. R. Mowrer, *The Family: its Organization and Disorganization*; *Family Disorganization*; O. R. McGregor, *Divorce in England*; A. Myrdal, *Nation and Family*;

R. M. Titmuss, *Essays on "The Welfare State"*; J. P. Lichtenberger, *Divorce*; United Kingdom, Royal Commission on Marriage and Divorce, 1956, *Report*, 1951–1955 (Cmd. 9678); L. R. Young, *Out of Wedlock*; H. Mannheim, *Group Problems in Crime and Punishment*; H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training*; S. S. and E. T. Glueck (Eds.), *Preventing Crime*; United Kingdom, Registrar-General, *Statistical Review of England and Wales, 1950–51* (Supplement on General Morbidity—Cancer and Mental Health); A. M. Rose (Ed.), *Mental Health and Mental Disorder*; M. D. Young and P. Wilmott, *Family and Kinship in East London*; P. Townsend, *The Family Life of Old People*; N. W. Bell and E. F. Vogel, *A Modern Introduction to the Family*.

- 772. Applied Physiology.** Dr. J. E. 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. Clinical Aspects of Child Development.** Dr. D. W. 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.

- 774. (a) Psychiatry.** Dr. Kraupl Taylor. Twelve lectures on psychiatry, Michaelmas and Lent Terms. Demonstrations on psychiatry will be held weekly at the Maudsley Hospital.

Syllabus.—Introduction. Etiological 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*; A. Lewis, *Psychological Medicine* (in F. W. Price (Ed.), *Textbook of the Practice of Medicine*).

- 774. (b) Special Problems in Psychiatry.** Various Lecturers. Five lectures, Lent Term.

- 775. The Mentally Subnormal.** Dr. J. Tizard. Five lectures, Lent Term.

Syllabus.—The nature, classification, and social problem of mental subnormality.

776. Psychology of Family Relations. Mrs. Bannister. Six lectures, Lent 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*.

777. The Study of Personality. Mr. Price-Williams. Ten lectures, Summer Term.

Syllabus.—An examination of the cognitive and orectic aspects of personality:

(a) INTELLIGENCE: Its nature and measurement. Discussion of different intelligence tests. Growth and decline of intelligence. Tests of 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.

Recommended reading.—A bibliography will be given at the beginning of the course.

778. Principles and Practice of Social Casework. Weekly seminars will be held throughout the session by Miss Elkan, Mr. Myers and Mr. Timms.

Syllabus.—Consideration is given to the principles underlying all social casework practice and particular attention is paid to the practice of social work in psychiatric settings.

779. Social Administration and the place of the Social Worker. Weekly seminars will be held throughout the session.

Michaelmas Term	Children's Services	Mr. Timms
Lent Term	Services for Adults and Social Deviants	Mr. Forder
Summer Term	Mental Health Services	Mrs. McDougall

Field Work Supervisors to the Mental Health Course

Miss I. Bergman	} Maudsley Hospital, Denmark Hill, S.E.5. (Adults).
Miss M. Eden	
Miss I. Lissman	
Miss S. Parsons	

Miss H. Horder, B.A.
Miss M. Turnbull, B.A.
Miss M. Weiss, B.A.
Miss I. Westheimer
Mrs. K. F. A. Edkins

Child Guidance Training Centre,
6, Osnaburgh Street,
N.W.1.

Miss I. Forstner

St. George's Hospital,
Psychiatric Department,
15, Knightsbridge, S.W.1.
Department of Psychological Medicine,
University College Hospital,
23, Devonshire Street, W.1.

Miss E. Thomson

Hospital for Sick Children,
Gt. Ormond Street, W.C.1.

Mrs. B. Knock

Cane Hill Hospital,
Surrey.

Mr. J. Midwinter

Belgrave Hospital,
London, S.E.

Mrs. D. Lilley, LL.D.

Queen Elizabeth Hospital for Children,
Hackney, S.E.

Course in Applied Social Studies

800. Social Influences on Behaviour. Mr. Eppel. Fifteen lectures, Michaelmas and Lent Terms.

Syllabus.—A discussion of the extent to which personal interests, attitudes, habits, and aspirations are influenced by the standards and expectations of the groups to which people belong. The main themes are:—

1. The influence of culture on personality, with some account of individual differences and deviant behaviour.
2. Social factors in motivation, emotional behaviour and the development of intellectual capacity.
3. Problems of communication in modern society, with special reference to language, social attitudes and prejudice.
4. Changing attitudes in the spheres of family life, education, industry, delinquency, medicine and leisure.
5. The problems of responsibility and leadership in a democratic society.

801. Principles and Practice of Social Casework. Miss Bell, Miss Butrym and Mr. Forder. Weekly seminars will be held throughout the session.

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.

802. Human Growth and Development. Dr. Stewart Prince.
Thirty lectures, Michaelmas, Lent and Summer Terms.

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. D. W. Winnicott. Ten lectures, Summer Term.

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. Ten lectures, Michaelmas and Lent Terms.

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*.

805. Problems of Health and Disease.

I. Dr. Davis. Ten 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. Eight lectures then follow on physical growth and development and on some of the more common childhood diseases.

II. Lecturer to be announced. Ten lectures, Lent Term.

Syllabus.—The course deals with the functions of the various body systems and with the disease processes of these systems and is given in the form of combined medical

lectures and social case illustrations in order that the interrelationship of illness and social stress is clearly demonstrated.

III. Various medical lecturers. Primarily intended for medical social work students, Summer Term.

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. Dr. Parker. Lent Term.

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.

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. Miss Stone and others. Lent and Summer Terms.

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 1956;
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* (Cmd. 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.).

808. Casework and Medical Settings. Miss Butrym. Twelve lecture-seminars, Lent and Summer Terms.

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 casework service to medical care.

809. Casework and the Child Care Service. Miss Bell and Mrs. Winnicott. Twelve seminars, Lent and Summer Terms.

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 case-work in the Child Care Services.

810. Casework and the Court Setting. Mr. Forder. Twelve lectures and seminars, Lent and Summer Terms.

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.).

Supervisors to the Course in Applied Social Studies

Miss K. M. Brown.	}	Probation Officers, London Probation Service.
Miss P. Deane		
Mr. P. J. Owtram		
Mr. S. Ratcliffe		
Miss M. Thornborough	}	Probation Officers, Hertfordshire Probation Service.
Mr. T. Burke		
Mr. R. Betteridge		
Mrs. M. Martyr	}	Child Welfare Officers, Children's Department, London County Council.
Mr. H. Bordeleau		
Miss F. E. Ney		
Miss P. V. Polack		
Miss D. M. Sugden	}	Child Welfare Officer, Children's Department, Hertfordshire.
Miss W. O. Copleston		
Miss U. Behr		Child Welfare Officer, Children's Department, Essex.

Miss E. Burgess	Child Welfare Officer, Children's Department, Kent.
Miss M. Johnson	Medical Social Worker, Middlesex Hospital.
Miss P. B. Service	Medical Social Worker, Hammersmith Hospital.
Mr. S. I. Briskin	} Family Caseworkers, Family Welfare Association, London.
Mrs. R. Jordan	
Mrs. J. McDonald	
Miss J. E. Neill	
Miss M. Barnes	Psychiatric Social Worker, Woodberry Down Health Centre.
Miss B. Gormly	Psychiatric Social Worker, Ealing Child Guidance Clinic.
Miss A. B. Lloyd Davies	Psychiatric Social Worker, Invalid Children's Aid Association.

SOCIOLOGY

829. Sociology: an Introduction. Professor MacRae. Nine lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) (First Year).

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); *Evolution and Progress* (Chapter 4 and 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*; L. Broom and P. Selznick, *Sociology*; W. B. Cameron, *Informal Sociology*.

830. The Theories and Methods of Sociology. Mr. Bottomore. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4; B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology (Second Year). For the Academic Diplomas in Anthropology and Psychology (Second Year).

Syllabus.—(i) A consideration of the principal schools of sociology: formal sociology; the comparative study of social institutions; the functional approach in sociology and social anthropology.

(ii) Problems of sociological explanation. Theories of social structure, change and development.

(iii) Methods of sociological research.

Recommended reading.—(i) General: H. H. Gerth and C. Wright Mills, *Character and Social Structure*; R. Firth, *Elements of Social Organization*; R. H. Lowie, *Social Organization*; R. K. Merton, *Social Theory and Social Structure*; L. Coser and B. Rosenberg, *Sociological Theory*; T. B. Bottomore, *Sociology*; M. Ginsberg, *The Psychology of Society*.

(ii) Selected texts and commentaries: L. T. Hobhouse, *Morals in Evolution; Social Evolution and Political Theory*; J. Rumney, *Herbert Spencer's Sociology*; E. Durkheim, *The Rules of Sociological Method; The Division of Labour in Society; Suicide; Elementary Forms of the Religious Life; Professional Ethics and Civic Morals*; 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*; K. H. 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*; V. Pareto, *The Mind and Society*; T. Parsons, *The Structure of Social Action*.

(iii) Social structure and culture; social change and development: C. Lévi-Strauss, "Social Structure" in A. L. Kroeber (Ed.), *Anthropology Today*; S. F. Nadel, *The Theory of Social Structure*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chapters VIII-X); B. Malinowski, *A Scientific Theory of Culture and other Essays*; A. L. Kroeber and C. Kluckhohn, *Culture*; M. Ginsberg, *Essays in Sociology and Social Philosophy* (Vol. III); K. Mannheim, *Essays on the Sociology of Knowledge* (Chapters III and VII).

(iv) Sociological methods: J. S. Mill, *A System of Logic* (Book VI "On the logic of the moral sciences"); S. and B. Webb, *Methods of Social Study*; P. L. Gardiner, *The Nature of Historical Explanation*; H. A. Hodges, *Wilhelm Dilthey: An Introduction*; K. R. Popper, *The Poverty of Historicism*; M. Weber, *The Methodology of the Social Sciences*; R. M. MacIver, *Social Causation*; A. R. Radcliffe-Brown, *A Natural Science of Society*; P. Winch, *The Idea of a Social Science and its Relation to Philosophy*; J. A. Rex, *Key Problems of Sociological Theory*.

(v) Selected studies exemplifying sociological theories and methods: M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; L. T. Hobhouse, G. C. Wheeler and M. Ginsberg, *The Material Culture and Social Institutions of the Simpler Peoples*; A. R. Radcliffe-Brown, *The Andaman Islanders*; D. V. Glass (Ed.), *Social Mobility in Britain*; R. Aron, *Dix-huit leçons sur la société industrielle*; C. W. Mills, *The Power Elite*; R. Dahrendorf, *Class and Class Conflict in an Industrial Society*; E. Durkheim (see above, section (ii)).

831. Theories and Methods of Sociology Class. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4.

832. Comparative Morals and Religion. Professor Gellner, Mr. D. A. Martin and Mrs. Scharf. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—*Comparative Morals and Religion*, VIII 8d (Second Year). B.A./B.Sc. (Sociology)—Options I, 8 and 9 (c), and II, 4 (Second Year); B.A. Honours in Anthropology (Second Year) and the Academic Diploma in Anthropology (First Year).

NOTE: Students who have chosen this option are advised to take the course in their second year. They may attend also in their third year, as the illustrative material used may vary from year to year.

Syllabus.—This course will be concerned with introducing students to the study of socially shared belief systems, their institutional manifestations, their relations with the rest of the social order in which they find themselves, and their connexions with the conduct of the members of the society. Some of the more important sociological theories of religion will be discussed (those of religion in general, and of the specific impact of particular religions in various historical circumstances). There will also be discussions of at least one primitive religion, one scriptural world religion, and one modern semi-secularised social situation.

Recommended reading.—D. Hume, "The Natural History of Religion" in *Essays*; K. Marx and F. Engels, *On Religion* (London, 1957); K. Marx and F. Engels, *The German Ideology*; L. A. Feuerbach, *The Essence of Christianity*; F. W. Nietzsche, *The Genealogy of Morals*; J. G. Frazer, *Totemism and Exogamy*; N. D. Fustel De Coulanges, *The Ancient City*; R. Smith, *The Religion of the Semites*; E. Westermarck, *The Origin and Development of the Moral Ideas*; L. T. Hobhouse, *Morals in Evolution*; E. Durkheim, *The Elementary Forms of the Religious Life*; S. Freud, *Totem and Taboo; The Future of an Illusion*; J. E. Harrison, *Ancient Art and Ritual*; B. Malinowski, *Magic, Science and Religion*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chaps. 6-8); K. Mannheim, *Ideology and Utopia*; T. Parsons, *The Social System* (Chaps. 8-9); M. Ginsberg, *The Diversity of Morals*; J. Wach, *Sociology of Religion*.

R. R. Marett, *The Threshold of Religion*; R. Redfield, *The Primitive World and its Transformations*; G. F. Moore, *History of Religions*; E. R. Bevan, *Christianity*; H. Bettenson (Ed.), *Documents of the Christian Church*; E. Troeltsch, *Social Teaching of the Christian Churches*; M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; R. H. Tawney, *Religion and the Rise of Capitalism*; H. G. Rawlinson, *India*; W. Hutton, *Caste in India*; A. C. Bouquet, *Hinduism*; M. Weber, *Ancient Judaism; The Religion of China*; J. Burckhardt, *Force and Freedom*; J. Dewey, *Problems of Men*; K. Jaspers, *Man in the Modern Age*; H. Arendt, *The Burden of Our Time*; T. S. Eliot, *The Idea of a Christian Society*; V. A. Demant, *Religion and the Decline of Capitalism*; R. Niebuhr, *Moral Men and Immoral Society*; L. Sturzo, *Church and State*; E. Fischhoff, "The Protestant Ethic" (*Social Research*, 1944).

S. W. Baron, *A Social and Religious History of the Jews*; C. Booth, *Life and Labour of the People in London* (3rd series); A. C. Bouquet, *Sacred Books of the World*; E. M. Butler, *The Myth of the Magus*; J. H. Fichter, *Social Relations in the Urban Parish*; W. Herberg, *Protestant, Catholic, Jew*; E. O. James, *History of Religions*; J. Huizinga, *The Waning of the Middle Ages*; C. Humphreys, *Buddhism*; R. Levy, *The Social Structure of Islam*; G. Le Bras, *Études de Sociologie Religieuse*; H. R. Niebuhr, *The Social Sources of Denominationalism*;

W. M. Watt, *Muhammad at Medina*; E. R. Wickham, *Church and People in an Industrial City*; J. M. Yinger, *Religion, Society and the Individual*; UNESCO, *Current Sociology*, Vol. V, No. 1 (1956): *Sociology of Religions*; J. N. Moody, *Church and Society*; A. C. Bouquet, *Comparative Religion*; J. Petrie, *The Worker-Priests*; F. Boulard, *Introduction to Religious Sociology*; A. Mayer, *Caste and Kinship in Central India*; K. W. Underwood, *Protestant and Catholic*; B. Wilson, *Sects and Society*; N. Cohn, *Pursuit of the Millennium*; H. Desroche, *Marxisme et religion*; C. Y. Glock, "The Sociology of Religion" in R. K. Merton and others (Eds.), *Sociology Today*; D. Goldschmidt and others, *Soziologie der Kirchengemeinde*; G. Le Bras, "Sociologie des Religions" in G. Gurvitch (Ed.), *Traité de Sociologie*; P. M. Worsley, *The Trumpet Shall Sound*. (See also the journals *Archives de Sociologie des Religions* and *Social Compass*.)

832(A). Comparative Morals and Religion (Seminar). Professor Gellner, Mr. D. A. Martin and Mrs. Scharf will hold a seminar in conjunction with Course No. 832 during the session. This seminar is also recommended for graduate students.

833. Elements of Social Structure. Dr. Little (evening). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I, Alternative subject 6; Part II—*Elements of Social Structure II*, I 31; II 31; V 8h (Second Year); B.A./B.Sc. (Sociology) (First Year); Diploma in Personnel Management; Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; Diploma in Public Administration.

Syllabus.—The Nature of Sociological Analysis. Types of Social Structures: Simple and Complex Structures. Social Change: the process of industrialisation. The impact of industrialisation on Social Structure: urbanisation: 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*; H. Gerth and C. W. Mills, *Character and Social Structure*; R. Redfield, *The Little Community*; K. Davis, *Human Society*; W. E. Moore, *Industrial Relations and the Social Order*; R. M. Williams, *American Society: A Sociological Interpretation*; F. Lorimer, *Culture and Human Fertility*; J. M. Yinger, *Religion, Society and the Individual*; R. Bendix and S. M. Lipset, *Class, Status, Power; Social Mobility in Industrial Society*; G. Simpson, *Man in Society*; E. Chinoy, *Sociological Perspectives*; K. B. Mayer, *Class and Society*; W. E. Moore, *Economy and Society*; S. A. Greer, *Social Organisation*; P. M. Blau, *Bureaucracy in Modern Society*; G. M. Sykes, *Crime and Society*; D. Wrong, *Population*; E. K. Nottingham, *Religion and Society*; M. S. Olmsted, *The Small Group*; C. R. Wright, *Mass Communication*.

833(A). Elements of Social Structure I (Classes). Classes will be held in the Michaelmas and Lent Terms for students taking B.Sc. (Econ.) Part I; B.A./B.Sc. (Sociology) (First Year).

834. Elements of Social Structure II (Classes).

(a) Dr. Little will hold five classes in the Summer Term for students in their second year taking B.Sc. (Econ.) Part II—*Elements of Social Structure II*, I 31; II 31; V 8h.

(b) Further classes will be held for students in their third year.

835. Social Structure and Social Change. Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option I (Second or Third Year); Graduate students in Sociology and Social Anthropology.

Recommended reading.—R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; R. Bendix, *Max Weber*; P. A. Sorokin, *Social Philosophies of an Age of Crisis*; G. B. Vico, *The New Science*; V. I. Lenin, *The Development of Capitalism in Russia*; F. C. Lane and J. C. Riemersma (Eds.), *Enterprise and Secular Change*; W. W. Rostow, *The Stages of Economic Growth*; B. Hoselitz, *Economic Theories of Growth*; UNESCO, *Social Implications of Industrialization and Urbanization in Africa*; G. Hunter, *The New Societies of Tropical Africa*; G. and M. Wilson, *The Analysis of Social Change*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; L. T. Hobhouse, *Social Development*; S. M. Lipset, *Political Man*; C. C. Brinton, *The Anatomy of Revolution*.

836. Comparative Social Institutions. Mr. S. J. Gould (day). Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology), Option I and Option II (Second Year); Diploma in Public Administration.

Syllabus.—Institutional aspects of the social structure of the principal types of society. The structure and classification of social groups. Social stratification, status and roles. The classification of societies.

The description and analysis of leading institutions and their functions in the fields of communication, economic production and allocation, socialisation and sexual regulation, social control, magic and ritual practices.

Some varieties of social change.

Recommended reading.—L. T. Hobhouse, *Morals in Evolution* (7th edn.), Part I, Chaps. 2 and 3; *Social Development*, Chaps. 1, 2, 5, 11 and 13; M. Ginsberg, *On the Diversity of Morals*, Chaps. 12, 14 and 18; V. G. Childe, *What Happened in History*; E. Westermarck, *A Short History of Marriage*, Chaps. 3, 4, 9 and 10; H. S. Maine, *Ancient Law*, Chap. 8; F. L. Nussbaum, *A History of the Economic Institutions of Modern Europe*.

K. A. Wittfogel, *The Foundations and Stages of Chinese Economic History* (*Zeitschrift für Sozialforschung*), Vol. 4; *Oriental Despotism*, Chaps. 1, 2, 3, 7 and 8; S. Hofstra, *Eastern and Western World*, Chaps. 3–8; J. G. Frazer, *The Golden Bough* (abridged edition), Chaps. 3 and 29–42; A. E. Zimmern, *The Greek Commonwealth*, Parts II and III; W. W. Tarn and G. T. Griffith, *Hellenistic Civilisation*, Chap. 3; F. R. Cowell, *Cicero and the Roman Republic*, Chaps. 3–12, 15–18; C. Bailey (Ed.), *Legacy of Rome* (Chapter on Family and Social Life); H. Pirenne, *Medieval Cities*, Chaps. 3–8; *Cambridge Economic History*, Vol. I, Chaps. 6 and 8; R. W. Southern, *The Making of the Middle Ages*, Chap. 2; H. Sidgwick, *The Development of European Polity*, Chaps. 4–11, 14–20; T. F. Hoult, *The Sociology of Religion*, Chaps. 10, 11 and 12.

T. H. Marshall, *Citizenship and Social Class*; D. V. Glass (Ed.), *Social Mobility in Britain*; A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain*, Chaps. 1, 2 and 3; E. Durkheim, *The Division of Labour in Society*; C. W. Mills, *White Collar*; H. H. Gerth and C. W. Mills, *Character and Social Structure*, Parts I, III and IV; M. Halbwachs, *The Psychology of Social Classes*; R. Bendix and S. Lipset, *Social Mobility in Industrial Society*, Parts I and III.

837. Political Sociology. Mr. McKenzie. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option I; B.Sc. (Econ.) Part II—*Political Sociology*, VIII 8e. Also recommended for 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 rôle and social background of political decision-makers. Bureaucracy and the administrative process.

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*; S. Neumann (Ed.), *Modern 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. D. Bailey (Ed.), *The British Party System*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*.

N. Macchiavelli, *The Prince*; H. Taylor, *The Statesman*; 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, *The Mind and Society*; H. D. Lasswell and others, *The Comparative Study of Elites*; C. W. Mills, *The Power Elite*; 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" (*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*; G. L. Field, *Governments in Modern Society*; D. E. Butler and R. Rose, *The British General Election of 1959*; M. Abrams, *et al.*, *Must Labour Lose?*; J. Trenaman and D. McQuail, *Television and the Political Image*; B. R. Berelson and others, *Voting*; S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology*; A. Campbell and others, *The American Voter*; E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour*; W. Kornhauser, *The Politics of Mass Society*; 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. H. Beer, "Pressure Groups and Parties in Britain" (*American Political Science Review*, Vol. 50, 1956); 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. D. McKean, *The Boss*; V. O. Key and A. Heard, *Southern Politics in State and Nation*; D. B. Truman, *The Governmental Process*; J. Towster, *Political Power in the U.S.S.R., 1917–1947*; L. Trotsky, *The Revolution Betrayed*; B. D. Wolfe, *Three Who Made a Revolution*; D. R. Matthews, *The Social Background of Political Decision-Makers*.

838. Feudal Society. Professor Plucknett. Five lectures, Lent Term.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.A. Honours in History (Second Year).

Syllabus.—Origin and nature of feudalism. The orders of society (nobles, knights, freemen, serfs). Non-feudal elements (clergy, merchants, Jews, aliens). Territorial aspects (realms, honours, fiefs, manors, vills). Organisation of groups (estates and parliaments, boroughs and communes, guilds and corporations). The family (marriage, inheritance, property). Law and custom.

Recommended reading.—F. L. Ganshof, *Feudalism*; M. L. B. Bloch, *La société féodale* (2 vols., 1939–40); A. Dopsch, *The Economic and Social Foundations of European Civilisation*; A. L. Poole, *Obligations of Society in the XII and XIII centuries*; J. Tait, *The Medieval English Borough*.

839. Medieval Society. Dr. Waley and Dr. Bridbury. Ten lectures, Michaelmas Term (1963–64), followed by ten lectures, Michaelmas Term (1964–65).

For B.A./B.Sc. (Sociology), Option I, *European Civilisation in the Middle Ages*; and optional for other students taking B.A./B.Sc. (Sociology).

The lectures are mainly concerned with England and France during the period c. 1150–1350, though some attention is given to the cities of Italy and Flanders.

Syllabus I (1963–64).—The historical background to the development of feudal institutions. Theories of the state and of kingship. Knighthood and chivalric ideas. Classes: the king; knights; merchants; churchmen; peasants. Political and social institutions: the central government; parliament; the judicature; local government; palatinates and seignorial government; ecclesiastical institutions. Developments: the changing nature of armies; changing feudal institutions; 'bastard feudalism'. City-states: their social structure and political organisation; magnates and 'popular' parties; factions.

Recommended reading.—M. Bloch, *Feudal Society*; D. M. Stenton, *English Society in the Early Middle Ages*; A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries*; S. Painter, *Studies in the History of the English Feudal Barony and French Chivalry*; S. Thrupp, *The Merchant Class of Medieval London*; S. B. Chrimes, *Introduction to the Administrative History of Medieval England*; N. Denholm-Young, *Seignorial Administration in England*; H. M. Cam, *Liberties and Communities in Medieval England*; J. R. H. Moorman, *Church Life in England in the Thirteenth Century*; J. Huizinga, *The Waning of the Middle Ages*; G. A. Holmes, *The Estates of the Higher Nobility in the Fourteenth Century*; H. Pirenne, *Medieval Cities and Belgian Democracy*; J. H. Mundy and P. Riesenbergh, *The Medieval Town*; J. Lestocquoy, *Aux Origines de la Bourgeoisie: les Villes de Flandre et d'Italie sous le gouvernement des Patriciens*; Y. Renouard, *Les Hommes d'Affaires Italiens du Moyen Age*.

Syllabus II (1964–65).—Social and economic change in a feudal society. The fallacy of static analysis. Some causes of change. The effects of a quickening of commercial life upon such institutions as the manor, the town, and the church. Social mobility, education, and instruction in an increasingly lay society. The significance of fluctuations in the size of the population. Capitalism. Restrictionism. The role of war. The evolution of ecclesiastical thinking on trade. The beginnings of non-conformity. Problems of social policy.

Recommended reading.—D. Ricardo, *Principles of Political Economy*; E. A. Kosminsky, *Studies in the Agrarian History of England*; A. Abram, *Social England*; E. Power, *The Wool Trade*; J. H. Ramsay, *The Revenues of the Kings of England*; H. Rashdall, *The Universities of Europe* (revised edn.); G. G. Coulton, *The Medieval Village* (paperback title: *Medieval Village, Manor and Monastery*); J. T. Noonan, *The Scholastic Analysis of Usury*; E. M. Carus-Wilson, *Medieval Merchant Venturers*; J. R. Green, *Town Life in the Fifteenth Century*; F. Davenport, *The Economic History of a Norfolk Manor*; *The Cambridge Economic History of Europe*, Vols. I–III; D. Knowles, *The Religious Orders in England*; I. Origo, *The Merchant of Prato*.

839(A). Civilization of the Middle Ages (Classes). Weekly classes will be held for B.A./B.Sc. (Sociology) students, Option I, during the Lent Term.

840. Graeco-Roman Civilization. To be arranged.

841. Environment and Heredity. Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Theory and Methods of Sociology*, VIII 4; B.A./B.Sc. (Sociology) (Second 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, *The Biology of Mental Defect*; C. Stern, *Principles of Human Genetics*; W. C. Boyd, *Genetics and the Races of Man*; J. Sutter, *L'Eugénique*; R. S. Woodworth, *Heredity and Environment*.

Other references will be given during the course.

842. Introduction to the Social Structure of Modern Britain.

Mr. McKenzie and Dr. Erickson. Twenty lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option I (First Year).

(a) Historical Introduction to Modern Britain. Dr. Erickson. Ten lectures, Summer Term.

Syllabus.—The characteristics of mid-nineteenth-century society as indicated by the 1851 census and other contemporary material: the number, rate of increase, age structure, occupations, and urban-rural distribution of the population; the physical conditions of homes and workplaces, and their effects; the distribution of income, the sources of wealth, and the opportunities of rising in income and social status. The institutional influences on social stability and social mobility: schools, churches, voluntary organisations; the narrow scope of public policy.

The technological, economic and political influences underlying and interacting with social conditions; some of the institutions of social adaptation during the period of accelerated social change since 1850, especially philanthropic organisations, trade unions, co-operatives, schools and political parties.

Recommended reading.—W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*, Book II; G. M. Young (Ed.), *Early Victorian England*; A. Briggs, *Victorian People*; J. L. and B. Hammond, *The Bleak Age*; C. Booth, *Occupations of the People: England, Scotland, Ireland, 1841-1881*; A. F. Weber, *The Growth of Cities in the Nineteenth Century*; R. D. Baxter, *National Income*; A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; B. K. Gray, *Philanthropy and the State*; H. L. Beales, *The Making of Social Policy*; G. A. N. Lowndes, *The Silent Social Revolution*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; Local Government Board, *Statistical Memoranda and Charts relating to Public Health and Social Conditions* (B.P.P. 1909, CIII); E. H. Phelps Brown, *The Growth of British Industrial Relations*; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*.

(b) Political Structure and Political Behaviour. Mr. McKenzie. Ten lectures, Summer Term.

Syllabus.—The nature of parliamentary democracy; the structure of central and local government.

The structure and function of political parties; the rôle of interest groups; social stratification and other factors influencing electoral behaviour; the influence of the mass media.

Recommended reading.—W. I. Jennings, *Parliament; Cabinet Government; The British Constitution*; H. R. G. Greaves, *The British Constitution*; H. J. Laski, *Reflections on the Constitution*; H. S. Morrison, *Government and Parliament*; J. H. Warren, *The English Local Government System*; R. T. McKenzie, *British Political Parties*; J. Bonham, *The Middle Class Vote*; R. S. Milne and H. C. MacKenzie, *Straight Fight*; M. Benney, P. Gray and R. H. Pear, *How People Vote*; J. D. Stewart, *British Pressure Groups*; S. E. Finer, *Anonymous Empire*.

843. The Social Structure of Modern Britain. Dr. Little, Dr. Tropp and Mr. J. H. Smith. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, VIII 6 (Third Year); and for Diploma in Social Administration (First Year) and optional for One Year students and for Diploma in Personnel Management.

Syllabus.—The recruitment and distribution of the population; demographic changes and their social significance; the growth and character of the urban population. The family, its structure and functions.

Changes in industrial structure, including forms of ownership and control; the development of specialised management; changes in occupational structure and in the nature and distribution of skills; the employment of women; the system of industrial relations.

The economic basis of stratification; élites and the distribution of power; cultural differences and the relations between classes; social mobility; the influence of the educational system.

The religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

Recommended reading.—J. L. and B. Hammond, *The Bleak Age*; G. M. Young, *Victorian England*; A. M. Carr-Saunders and others, *A Survey of Social Conditions in England and Wales*; Report of the Royal Commission on Population (Cmd. 7695); G. D. M. Block, *The Spread of Towns*; J. A. Banks, *Prosperity and Parenthood*; M. Young and P. Wilmott, *Family and Kinship in East London*; O. R. McGregor, *Divorce in England*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); D. V. Glass, *The Town*; Report of the Royal Commission on the Distribution of the Industrial Population (Cmd. 6153); J. Saville, *Rural Depopulation in England and Wales*; H. Llewellyn Smith (Ed.), *The New Survey of London Life and Labour* (Vols. I and IX); A. D. Rees, *Life in a Welsh Countryside*; G. D. H. Cole, *Studies in Class Structure*; C. A. R. Crosland, *The Future of Socialism*; H. F. Lydall, *British Incomes and Savings*; P. Sargant Florence, *The Logic of British and American Industry*; Ownership, Control and Success of Large Companies; A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain*; R. V. Clements, *Managers*; I. C. McGivering and others, *Management in Britain*; D. V. Glass, *Social Mobility in Britain*; 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*; F. Zweig, *The British Worker*; *The Worker in an Affluent Society*; O. Banks, *Parity and Prestige in English Secondary Education*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*; J. Bonham, *The Middle Class Vote*; 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*; M. Argyle, *Religious Behaviour*; E. R. Wickham, *Church and People in an Industrial City*; W. G. Friedmann, *Law in a Changing Society*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; R. Glass, *Newcomers*; M. Freedman, *A Minority in Britain*.

Additional reading lists will be given for class work.

844. The Social Structure of Modern Britain (Classes). Classes will be held in connexion with course No. 843 for B.Sc. (Econ.) Part II—*Social Structure of Modern Britain*, VIII 6 (Third Year).

845. The Social Structure of Modern Britain (Classes). Weekly classes will be held for B.A./B.Sc. (Sociology) students (Option I) as follows:

Second Year: Summer Term.

Third Year: Michaelmas and Lent Terms.

846. Criminology. Mr. Hall Williams. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year); B.A./B.Sc. (Sociology) Option I (Second Year); for Diploma in Social Administration (First Year and optional for One Year students); optional for the Diploma in Social Administration (Overseas option) (First Year and One Year students).

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. Jones, *Crime and the Penal System*; E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); M. Grünhut, *Penal Reform*; 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).

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*; G. B. Vold, *Theoretical 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; The Sutherland Papers* (Ed. A. K. Cohen and others); 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*; N. Johnston, L. Savitz, M. E. Wolfgang, *The Sociology of Crime and Delinquency; The Sociology of Punishment and Correction*.

THE FOLLOWING OFFICIAL SOURCES SHOULD BE CONSULTED: Annual Reports of the Commissioners of Prisons and of the Central After-Care Association; U.K. Home Office, *Criminal Statistics* (England and Wales), published annually as command papers; U.K. Home Office, *Reports on the Work of the Children's Department* (occasional). The following Reports: Royal Commission on Capital Punishment, 1953 (Cmd. 8932); Royal Commission on the Law Relating to Mental Illness and Mental Deficiency, 1957 (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.

847. Some Theoretical Aspects of Criminology. Dr. Little. Five lectures, Summer Term.

For B.A./B.Sc. (Sociology) Option I (Second Year); B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year).

Syllabus and recommended reading will be given at the beginning of the course.

848. The Causes and Treatment of Crime (Class). Weekly classes will be held in the Michaelmas Term by Dr. T. P. Morris, and in the Lent Term by Dr. Little, for students taking B.A./B.Sc. (Sociology) Option I (Second Year), and B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Second Year).

849. Selected Problems of Criminology and Penology. Dr. T. P. Morris and visiting lecturers. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Third Year); B.A./B.Sc. (Sociology) (Third Year) and for students who have already attended Course No. 846 Criminology. Optional for Diploma in Social Administration (Second Year), and Overseas (Second Year).

Recommended reading.—As for Course No. 846 above. Further literature will be recommended during the course.

850. The Causes and Treatment of Crime (Seminar). Mr. Hall Williams and Dr. T. P. Morris will each hold a seminar in alternate weeks during the Michaelmas and Lent Terms for students taking B.A./B.Sc. (Sociology) (Third Year), and B.Sc. (Econ.) Part II—*Criminology*, VIII 8c (Third Year).

851. Elementary Philosophy and Ethics. Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

FIRST TEN LECTURES for B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 81 (Second Year).

WHOLE COURSE for B.Sc. (Econ.) Part II—*Social Philosophy*, VIII 5 (Second Year) and B.A./B.Sc. (Sociology) (First Year).

Syllabus.—This course will describe some of the basic kinds of ethical theory, with reference to the works of the moral philosophers listed below. It will also discuss some problems such as the relation of morals to knowledge, freedom, and the justification of obligation. A modest introduction to general philosophy will be provided, since without this the clear exposition of the ethical theories is not possible.

Recommended reading.—(i) OLDER WORKS: Plato, *Republic*; Aristotle, *The Nicomachean Ethics*; 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; H. J. Paton, *The Moral Law, or Kant's Groundwork of the Metaphysic of Morals*; J. S. Mill, *Utilitarianism*; G. E. Moore, *Principia Ethica*; L. T. Hobhouse, *The Rational Good*.

(ii) COMMENTARIES AND RECENT WORKS: A. J. Ayer, *Language, Truth and Logic*; C. D. Broad, *Five Types of Ethical Theory*; A. C. Ewing, *The Definition of Good*; R. M. Hare, *The Language of Morals*; J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics*; P. Laslett (Ed.), *Philosophy, Politics and Society*; P. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society* (Second Series); D. M. Mackinnon, *A Study in Ethical Theory*; A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy*; H. J. Paton, *The Categorical Imperative: A Study in Kant's Moral Philosophy*; J. P. Plamenatz, *The English Utilitarians*; A. N. Prior, *Logic and the Basis of Ethics*; D. D. Raphael, *The Moral Sense*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*; G. H. von Wright, *The Varieties of Goodness*; H. M. Warnock, *Ethics since 1900*.

Further reading will be recommended during the lectures.

852. Concepts of Society. Professor Gellner. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 8l; VIII 5 (Third Year); B.A./B.Sc. (Sociology) (Second Year).

Syllabus.—Alternative general views of society and man's place in it will be discussed, with special reference to their methodological and ethical implications.

Recommended reading.—References for reading will be given during the course.

853. Modern Social Philosophies. Professor Gellner. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year).

Syllabus.—Selected recent or contemporary social philosophies will be discussed.

Recommended reading.—References for reading will be given during the course.

854. Social Philosophy. Professor Ginsberg (day). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I—Alternative subject 14, Ethics as Applied to Social Organisation; B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology. For the Academic Diplomas in Anthropology and Psychology, the Diploma in Social Administration (Second Year, and optional for One Year students) and the Diploma in Social Administration (Overseas Option) (Second Year and optional for One Year students).

Syllabus.—Types of ethical theory. An approach to a rationalist theory of ethics. The ethical evaluation of social institutions. The concept of justice. Justice and the body of rights and duties. Liberty and equality. The ethical basis of representative government. The ends and limits of state action. Ethics and the economic order. Ethical aspects of marriage and the family. Justice between states. Law and morals. Theories of punishment.

Recommended reading.—A. C. Ewing, *Ethics*; C. D. Broad, *Five Types of Ethical Theory*; Sir W. D. Ross, *Kant's Ethical Theory*; H. Sidgwick, *The Methods of Ethics*; L. T. Hobhouse, *The Rational Good*; B. Blanshard, *Reason and Goodness*; M. Ginsberg, *On the Diversity of Morals*; J. S. Mill, *On Liberty*; T. H. Green, *Lectures on the Principles of Social and Political Obligation*; L. T. Hobhouse, *The Elements of Social Justice*; E. F. Carr, *Morals and Politics*; Sir E. Barker, *Principles of Social and Political Theory*; J. A. Hobson, *Wealth and Life*; H. L. A. Hart, *The Concept of Law*; Sir C. K. Allen, *Aspects of Justice*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; W. G. Friedmann, *Law in a Changing Society*; A. C. Ewing, *The Morality of Punishment*.

855. Social Philosophy Class. A fortnightly class will be held in the Lent and Summer Terms for students taking the B.Sc. (Econ.) Part II—*Social Philosophy*, V 8g; VI 7 and 8l; VIII 5.

856. Social Philosophy Classes. Classes will be held for all B.A./B.Sc. (Sociology) students as follows:

First Year: Ten classes.

Second Year: Ten classes.

Third Year: Five classes.

857. General Sociology Classes. Classes will be held weekly throughout the session for all B.A./B.Sc. (Sociology) students in their second and third years.

FOR GRADUATE STUDENTS

860. Sociology (Seminar). A seminar for graduate students will be held by Professor Glass and others, beginning in the middle of the Michaelmas Term.

861. Theories and Methods of Sociology. Mr. Bottomore will hold a seminar for graduate students fortnightly throughout the session.

862. Criminology (Graduate Seminar). Mr. Hall Williams will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for graduate students.

863. Selected Problems in Social Pathology (Seminar). Dr. T. P. Morris. A fortnightly seminar for graduate students will be held in the Michaelmas and Lent Terms. It will alternate with Course No. 862, Criminology (Graduate Seminar).

Syllabus.—Selected issues in social pathology including crime, the sociology of mental disorder, suicide, alcoholism and addiction.

Recommended reading.—Detailed references to selected texts will be given during the course.

864. Selected Issues in Contemporary Sociology. Dr. Tropp, Dr. Little, Mr. Holmes and Mr. de Kadt. Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For graduate students.

Syllabus.—Consideration of the relationship between sociology and psychology in a number of selected areas of theory and empirical research.

Recommended reading.—References will be given during the course.

865. The Social Structure of France. Dr. Clifford-Vaughan. Ten lectures, Lent Term.

For graduate students in Sociology and Government.

Syllabus.—The milieu: natural and political. Population. The French educational system. Rural France. Urban France. Workers and trade unions. Official France: administrative and political personnel. The traditional forces: the Army and the Church.

Recommended reading.—R. Aron and others, *Inventaires III. Les classes moyennes*; E. Beau de Loménie, *Les responsabilités des dynasties bourgeoises* (3 vols.); H. Calvet, *La société française contemporaine*; B. Chapman, *The profession of Government: the public service in Europe*; L. Chevalier, *Classes laborieuses et classes dangereuses*; E. R. Curtius, *The civilisation of France, an introduction*; M. Duverger (Ed.), *Partis politiques et classes sociales en France*; J. Fauvet and H. Mendras (Eds.), *Les paysans et la politique dans la France contemporaine*; G. Friedmann, *Le travail en miettes* (13th edn.); R. Girardet, *La société militaire dans la France contemporaine (1815–1939)*; M. Halbwachs, *The Psychology of Social Class*; H. Luethy, *France Against Herself* (trans. from the German by E. Mosbacher); R. Métraux and M. Meade, *Themes in French Culture*; C. Morazé, *La France bourgeoise*; A. Siegfried, *France, A study in Nationality*; A. Siegfried and others, *Aspects de la société française*; S. Weil, *La condition ouvrière*.

Additional references for reading will be given during the course.

866. The Social Structure of Modern Japan. Mr. Dore. Ten lectures, Michaelmas Term.

For Third Year and Graduate students of Sociology and Anthropology.

Syllabus.—Demographic measurements of the population, the family, village organisation, employment practices and trade unions, social stratification, social mobility, the educational system, political attitudes and organisation. The emphasis will be on 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, *Democracy and the Party Movement in Pre-war 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*.

867. Modern Japanese Society (Seminar). Mr. Dore will hold a Seminar in the Lent Term for graduate students on selected aspects of Japanese social structure.

868. American Society since 1939: selected topics (Seminar). Mr. S. J. Gould. (Beginning in the second week of the Michaelmas Term).

Students will be required to read the following basic list of books.—J. K. Galbraith, *The Affluent Society*; W. Herberg, *Protestant—Catholic—Jew*; S. Lubell, *The Future of American Politics*; C. W. Mills, *The Power Elite*; D. Riesman, *The Lonely Crowd*; E. A. Shils, *The Torment of Secrecy*; W. H. Whyte, Jr., *The Organisation Man*.

869. Contemporary Sociological Theories (Seminar). Mr. S. J. Gould. Michaelmas and Lent Terms. (Beginning in the first week of Michaelmas Term.)

For graduate students.

Syllabus.—Selected topics in sociological theory and their application—with particular reference to the sociology of politics, industrial sociology, and the sociology of religion.

Recommended reading.—A book list will be given at the beginning of the course.

870. Sociology of Development (Seminar). This seminar will not be held in the session 1963–64.

871. Mathematical Method for Sociologists (Graduate Seminar). Dr. Morton. This course will not be given in the session 1963–64.

For graduate students of Sociology and Anthropology.

Syllabus.—The use of mathematical thinking and techniques in the fields of sociology and anthropology will be discussed.

Recommended reading.—J. C. Kemeny and others, *Introduction to Finite Mathematics*; H. A. Simon, *Models of Man*; A. Rapoport, *Fights, Games and Debates*.

872. Sociology of Education. Dr. Tropp. Ten lectures followed by seminar, Sessional.

For graduate students.

Syllabus.—The analysis of educational organisations. Relationships between educational organisations and the wider social structure. Selection, performance and wastage. The transition from education to work.

Recommended reading.—A book list will be given at the beginning of the course.

873. Selected Topics in Sociology and Social Philosophy. Professor Ginsberg. Ten lectures, Michaelmas Term.

(a) **Towards a Theory of Social Development.**

(b) **Some Problems in Comparative Ethics.**

For graduate students. Optional for B.Sc. (Econ.) Part II special subject of Sociology and B.A./B.Sc. (Sociology) (Third Year).

Note.—The attention of graduate students specialising in Sociology is drawn to the following seminars:

250. **Regional Problems in Latin America (Seminar).** A joint seminar with the departments of Economics and Geography. Admission by permission.

626. **Problems of Contemporary Socialism (Seminar).** Held by Dr. Miliband in the Lent Term.

628. **Parties, Pressure Groups and the Political Process (Seminar).** Held by Mr. McKenzie and Mr. Pear weekly in the Lent and Summer Terms, for graduate students specialising in Sociology or in Government.

666. **Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** Held by Professor Schapera, Dr. Freedman, Mr. Dore and Professor MacRae throughout the session.

988. **Design and Analysis of Social Investigations.** Professor Moser, Miss Gales, Dr. Oppenheim and Mr. de Kadt, throughout the session.

Reference should also be made to the following sections and courses:—

Anthropology.

Demography.

Psychology.

Social Science and Administration.

No. 922.—**Statistical Methods (Sociology).**

No. 946.—**The Nature and Sources of Social Statistics.**

No. 947.—**Survey Methods in Social Investigation.**

**STATISTICS, MATHEMATICS, COMPUTATIONAL
METHODS AND OPERATIONAL RESEARCH**

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STATISTICS, MATHEMATICS, COMPUTATIONAL METHODS AND OPERATIONAL RESEARCH

(a) MATHEMATICS.

910. Basic Mathematics. Professor Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject 1 (a) *Basic Mathematics*. 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. Birkhoff and S. MacLane, *A Survey of Modern Algebra*; R. Courant and H. Robbins, *What is Mathematics?*; G. H. Hardy, *Pure Mathematics*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Finite Mathematics*; D. C. Murdoch, *Linear Algebra for Undergraduates*; W. W. Sawyer, *Mathematician's Delight and Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics*.

911. Basic Mathematics Class. Mr. T. M. F. Smith. Twenty-five classes, Sessional.

The classes will be held in conjunction with Course No. 910.

912. Intermediate Mathematics. Mr. Hajnal and Dr. Morton. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in both day and evening in 1964–65.)

For B.Sc. (Econ.) Part I—Alternative subject 1 (b) *Intermediate Mathematics*.

Syllabus.—Limits and series. Derivatives and integrals of functions of one variable; extreme values. Series expansions. Complex numbers. Vectors and matrices.

Recommended reading.—J. A. Green, *Sequences and Series*; P. J. Hilton, *Differential Calculus*; W. Ledermann, *Complex Numbers*; P. M. Cohn, *Linear Equations*; F. Gerrish, *Pure Mathematics*; E. A. Maxwell, *An Analytical Calculus*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; R. Courant, *Differential and Integral Calculus* (Vol. I); G. Birkhoff and S. MacLane, *A Survey of Modern Algebra*.

913. Intermediate Mathematics Class. Mr. Hajnal and Dr. Morton. Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The Classes will be held in conjunction with Course No. 912.

914. Mathematics A (Second Year). Lecturer to be announced. Two hours per week, Michaelmas and Lent Terms.

- 915. Mathematics A (Third Year).** Dr. Morton. Two hours per week, Michaelmas and Lent Terms.

The course for **Mathematics A** extends over two sessions for B.Sc. (Econ.) Part II— I 2b or 3m; IV 2c.

Syllabus.—Functions of one variable and of several variables; their derivatives, integrals and expansions. Extreme values. Complex numbers. Vectors, matrices and quadratic forms.

- 916. Mathematics B (Second Year).** Miss Gales and Mr. Wegner. Two hours per week, Sessional.

- 917. Mathematics B (Third Year).** Mr. T. M. F. Smith. Two hours per week, Michaelmas and Lent Terms.

The course for **Mathematics B** extends over two sessions for B.Sc. (Econ.) Part II— I 2c or 3m; IV 2d; IX 3; X 3.

Syllabus.—Vector spaces, matrix algebra and quadratic forms. Functions of several variables. Functions of a complex variable. Differential equations; Laplace and other transforms. Difference equations; generating functions. Interpolations and numerical integration.

Recommended reading.—A. C. Aitken, *Determinants and Matrices*; W. L. Ferrar, *Algebra*; T. L. Wade, *The Algebra of Vectors and Matrices*; C. R. Rao, *Advanced Statistical Methods in Biometric Research*, Chap. I; H. Cramér, *Mathematical Methods of Statistics*, Chaps. 10 and 11; R. Courant, *Differential and Integral Calculus*; H. Freeman, *Mathematics for Actuarial Students*, Part II; E. G. Phillips, *Functions of a Complex Variable*; E. T. Whittaker and G. N. Watson, *A Course of Modern Analysis*.

(b) STATISTICAL THEORY AND METHOD.

- 920. Elementary Statistical Methods.** Professor Moser, Miss Gales and Mr. Kalton (day), Miss Gales and Mr. Kalton (evening). Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (First Year)—Alternative subject 8: *Methods of Social Investigation*; Part II—*Economic Statistics and Business Accounts*, III 3; IV 3 (First ten lectures), *Elements of Management Mathematics*, IV 2g (Last five lectures). Diploma in Public Administration; Optional for the Diploma in Personnel Management.

Syllabus.—The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index-numbers. Elementary measures of fertility and mortality. Time-series and cross-section data. Elements of association and correlation. Basic ideas of statistical inference.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; A. R. Ilesic, *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. Benjamin, *Vital Statistics*.

- 921. Elementary Statistical Methods Class.** Miss Gales, Mr. Kalton, Dr. Maunder and Mr. T. M. F. Smith. Fifteen classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 920.

For B.Sc. (Econ.) Part I—Alternative subject 8; *Methods of Social Investigation* (Students to attend all classes), B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, III 3; IV 3. (Students to attend classes in Michaelmas Term only.) *Elements of Management Mathematics*, IV 2g. (Students to attend classes in Lent Term only.)

- 922. Statistical Methods (Sociology).** Forty hours extending over three sessions.

(a) Dr. Maunder and Dr. Quenouille. Fifteen hours, Lent and Summer Terms.

For B.A./B.Sc. (Sociology) (First Year).

(b) Miss Gales and Mr. Kalton. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Second Year).

(c) Professor Moser and Mr. Kalton. Ten hours, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year).

Syllabus.—Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples.

The application of statistical methods to sociological problems.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; L. H. C. Tippett, *Statistics*; A. R. Ilesic, *Statistics*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; A. Bradford Hill, *Principles of Medical Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, a New Approach*; L. R. Connor and A. J. H. Morrell, *Statistics in Theory and Practice*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; H. Zeisel, *Say it with Figures*.

- 923. Elementary Statistical Theory—I.** Professor Durbin (day), Mr. Garside and Mr. J. J. Thomas (evening). Twenty lectures, Michaelmas and Lent Terms. (This course will not be given in the evening in 1964–65.)

For B.Sc. (Econ.) Part I—Alternative subject 2, *Elementary Statistical Theory*; Part II—*Elements of Statistical Theory and Methods*, I 3g; II 3j; IV 2e; X 6 and 7e (Second Year).

Syllabus.—Probability and distribution theory. Statistical relationship. Sampling Estimation and tests of hypotheses. Time series and index numbers.

Recommended reading.—B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; P. G. Hoel, *Introduction to Mathematical Statistics* (2nd or 3rd edn.).

- 924. Elementary Statistical Theory—I Class.** Mr. Garside and Mr. T. M. F. Smith (day), Mr. Garside and Mr. J. J. Thomas (evening). Fifteen classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term). (This class will not be held in the evening in 1964–65.)

The Classes will be held in conjunction with Course No. 923.

- 925. Elementary Statistical Theory—II.** Mr. Sargan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Elements of Statistical Theory and Methods*, I 3g; II 3j; IV 2e; X 6 and 7e (Third Year students).

- 926. Probability and Distribution Theory.** Mr. Stuart. Twenty lectures and fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c (Second Year); Diploma in Operational Research.

Syllabus.—Distribution- and frequency-functions. Moment-generating and characteristic functions. Cumulants. Laws of Large Numbers and Central Limit theorems. Transformations. Order-statistics. The calculus of expectations. Standard errors. Univariate and bivariate normal distribution and associated theory.

Recommended reading.—H. Cramér, *The Elements of Probability Theory*; W. Feller, *An Introduction to Probability Theory and its Applications*; P. G. Hoel, *Introduction to Mathematical Statistics*; A. M. Mood, *Introduction to the Theory of Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I.

927. Statistical Methods. Dr. Quenouille. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, I 3c; IX 5 (Second Year students).

Syllabus.—Applications of statistical tests and procedures. Analysis of variance and covariance. General regression and correlation analysis.

Recommended reading.—R. A. Fisher, *Statistical Methods for Research Workers*; G. W. Snedecor, *Statistical Methods*; M. H. Quenouille, *Introductory Statistics*; O. L. Davies, *Statistical Methods in Research and Production*.

928. Statistics, Practical Class. Dr. Quenouille and Mr. Wegner. Ten classes of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II—*Practical Examination*, IX; X (Second Year students).

929. Statistics Practical Class. Dr. Quenouille and Mr. T. M. F. Smith. Twenty classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Practical Examination*, IX; X (Third Year students).

930. Estimation and Tests of Hypotheses. Mr. Stuart. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c (Third Year students); optional for Diploma in Operational Research.

Syllabus.—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Lower bounds for sampling variance. Sufficient statistics. Completeness. Maximum Likelihood estimators and their properties. Least squares linear estimators: the Gauss-Markov theorem. Confidence intervals. Tests of simple hypotheses: the Neyman-Pearson lemma. Tests of composite hypotheses: the likelihood-ratio principle. Confidence intervals. Tests of fit. Distribution-free methods. Sequential methods.

Recommended reading.—A. M. Mood, *Introduction to the Theory of Statistics*, Chaps. 8, 11, 12; E. L. Lehmann, *Testing Statistical Hypotheses*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II.

931. Theory of Statistical Methods. Dr. Quenouille. Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II—*Theory of Statistical Methods*, I 3c; IX 5 (Third Year students).

Syllabus.—Applications of normal distribution theory. Theory of least squares. Analysis of variance and covariance. Regression and correlation theory.

Recommended reading.—A. M. Mood, *Introduction to the Theory of Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (chaps. 19, 26, 27 and 28); C. E. Weatherburn, *A First Course in Mathematical Statistics*.

932. Statistical Theory Class. Professor Durbin. Twenty classes, Sessional (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c; *Theory of Statistical Methods*, I 3c; IX 5 (Third Year students).

(c) APPLIED STATISTICS

940. Introduction to Statistical Sources. Professor Allen. Ten lectures, Michaelmas Term.

NOTE.—Further treatments of statistical sources and applications are provided in courses Nos. 946 and 949-53.

For B.Sc. (Econ.) Part II—*Problems of Applied Economics*, I 5; II 5; IV 5a; *Economic Statistics*, I 6a or 8k; II 8c; V 8i; *Economic Statistics and Business Accounts*, III 3; IV 3; *General Statistics*, IX 8; X 8; Optional for *Economics*, V-VIII 1; XI-XIV 1; B.A. Honours in Philosophy and Economics (Second Year); Diploma in Public Administration.

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.—C. A. Blyth, *The Use of Economic Statistics*; E. Devons, *An Introduction to British Economic Statistics*; M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom*; 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*; C. A. Moser, *Survey Methods in Social Investigation*; A. L. Bowley, *Wages and Income in the U.K. since 1860*.

941. Economic Statistics. Professor 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 6a or 8k; II 8c; V 8i and XIV 2 (option) (Second Year students). Students will acquire a knowledge of statistical methods during the course.

(b) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, III 3 (Third Year students). It is assumed that students have some knowledge of simple (non-mathematical) statistical methods.

(c) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Economic Statistics and Business Accounts*, IV 3 (Third Year students). It is assumed that students have some mathematical background and an acquaintance with elementary statistical methods.

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. 940.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; C. A. Blyth, *The Use of Economic Statistics*; E. Devons, *An Introduction to British Economic Statistics*; A. R. Ilersic, *Statistics*; R. Marris, *Economic Arithmetic*; A. J. Merrett and G. Bannock, *Business Economics and Statistics*; and the main U.K. official statistical publications.

942. Economic Statistics Revision Class. Dr. Maunder. Ten classes, Lent Term.

For B.Sc. (Econ.) Part II—*Economic Statistics*, I 6a or 8k; II 8c; V 8i and XIV 2 (option) (Third Year students).

These classes supplement Course No. 941 (a).

943. Applied Statistics. Mr. Crossley. Twenty classes, Sessional.

For B.Sc. (Econ.) Part II—*Applied Statistics*, III 8b (Third Year students).

Syllabus.—The object is to build on Course No. 941 (b) and to make students familiar with the use of statistics in industry and commerce. Students will work on projects involving both the collection of raw data and the adaptation of published statistics, the analysis and interpretation of such data, and the writing of reports presenting the data. The practical aspects of sampling and significance will be included. Mechanical calculating and tabulating equipment will be used.

Recommended reading.—Reading will be recommended during the course.

944. General Statistics I. Professor Moser. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8 (Second Year students).

945. General Statistics II. Professor Allen. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8 (Third Year students), and graduate students.

946. The Nature and Sources of Social Statistics. Professor Moser and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7c; X 6 and 7d (Third Year students); B.A./B.Sc. (Sociology) (Second Year); Diploma in Public Administration.

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.

947. Survey Methods in Social Investigation. Professor Moser. Ten lectures and four classes, Michaelmas and Lent Terms.

Lectures for B.A./B.Sc. (Sociology) (First and Third Year); B.Sc. (Econ.) Part I, Alternative Subject 8, *Methods of Social Investigation*; B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7c; X 6 and 7d. For Diploma in Operational Research. Optional for the Diploma in Social Administration (Second and One-Year). For Diploma in Public Administration. Also recommended for graduate students.

Classes for B.Sc. (Econ.) Part I—Alternative Subject 8, *Methods of Social Investigation*.

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*; H. Cantril and others, *Gauging Public Opinion*; 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*.

948. Social Statistics and Survey Methodology Class. Professor Moser, Miss Gales and Mr. Kalton. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7c; X 6 and 7d (Third Year students). Recommended for graduate students.

949. Labour Statistics. Professor Moser and Mr. Crossley. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7c; X 6 and 7d (Second Year students); Optional for *Economic Statistics*, I 6a or 8k; II 8c, V 8i (Third Year students); *Econometrics*, IX 6 and 7c (Second Year students); Diploma in Personnel Management. Recommended for graduate students.

Syllabus.—Statistics of employment and unemployment, wages, earnings and cost of living. Special problems such as absenteeism, labour turnover, short-time and overtime working.

Recommended reading.—U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (H.M.S.O.); *Ministry of Labour Gazette*; E. Devons, *British Economic Statistics*; H. A. Turner, "Measuring Unemployment" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); E. Devons and J. R. Crossley, *The Guardian Wage Indexes*; A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; "Wages, Earnings and Hours of Work, 1914-1947" (*London and Cambridge Economic Service, Special Memorandum No. 50*); H. Silcock, "The Phenomenon of Labour Turnover" (*Journal of the Royal Statistical Society*, Series A, Vol. 117, 1954); K. F. Lane and J. E. Andrew, "A Method of Labour Turnover Analysis" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); *Cost-of-Living Statistics* (I.L.O., 1947); *Employment, Unemployment and Labour Force Statistics* (I.L.O., 1948); *Wages and Payroll Statistics* (I.L.O., 1949); *Population Census Methods* (U.N.O., 1949); *London and Cambridge Economic Service, Memoranda and Bulletins; Method of Construction and Calculation of the Index of Retail Prices* (Studies in Official Statistics No. 6, H.M.S.O.); S. J. Prais, "Some Problems in the Measurement of Price Changes with special reference to the Cost of Living" (*Journal of the Royal Statistical Society*, Series A, Vol. 121, 1958); E. v. Hofsten, *Price Indexes and Quality Changes; Reports of Cost of Living Advisory Committee* (B.P.P. 1946-47, Vol. X, and 1950-51, Vol. XI, Cmd. Nos. 7077, 8328, 8481).

950. National Income. Mr. Crossley and Dr. Maunder. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Econometrics* IX 6 and 7c (Second Year students); *Economic Statistics* I 6a or 8k; II 8c; V 8i; and XIV 2 (option) (Third Year students). Recommended for graduate students.

Syllabus.—The concept, measurement and distribution of the national income and capital. Capital formation and consumption; stock appreciation. Measurements in money and real terms. Trends and the means of obtaining an up-to-date picture. Index numbers of output and prices. Sources of information: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

Recommended reading.—H. Campion *Public and Private Property in Great Britain*; G. W. Daniels and H. Campion, *The Distribution of National Capital*; H. F. Lydall, *British Incomes and Savings*; G. F. Shirras and L. Rostas, *The Burden of British Taxation*; T. Barna, *Redistribution of Incomes through Public Finance in 1937*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; A. M. Cartter, *The Redistribution of Income in Post-war Britain*; United Kingdom Central Statistical Office, *National Income Statistics: Sources and Methods*; United Nations Studies, Series F. No. 8, *Methods of National Income Estimation*; O.E.E.C., M. Gilbert and others, *Comparative National Products and Price Levels* (1958); R. Marris, *Economic Arithmetic*. Also current official publications and periodicals.

951. Production Statistics. Mr. Crossley. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*—I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

Syllabus.—The scope and uses of production statistics. Census of production data. Index-numbers of industrial production. The measurement of productivity in the industrial sector. Some problems in the measurement of output and productivity in the non-industrial sector.

Recommended reading.—*Report of the Census of Production Committee* (Cmd. 6687); *Report of the Committee on the Censuses of Production and Distribution* (Cmd. 9276); U.K. Board of Trade, *Census of Production Reports*; U.K. Central Statistical Office, *Standard Industrial Classification* (Revised, 1958) (2nd edn.); United Nations Statistical Office, *Statistical Papers*, Series M, No. 17/Rev. 1, *International Recommendations in Basic Industrial Statistics: A Guide to Objectives and Definitions*; U.K. Central Statistical Office, *Studies in Official Statistics No. 7, The Index of Industrial Production: Method of Compilation* (1959); "The Index of Industrial Production: Change of Base Year to 1958" (*Economic Trends*, No. 101, March 1962); *Board of Trade Journal*; C. F. Carter, W. B. Reddaway and R. Stone, *The Measurement of Production Movements*; R. C. Geary, "The Concept of National Volume of Output, with special reference to Irish Data" (*Journal of the Royal Statistical Society*, Vol. 107 1944); K. S. Lomax, "Production and Productivity Movements in the United Kingdom since 1900" (*Journal of the Royal Statistical Society*, Series A, Vol. 122, 1959); O.E.C.D. General Statistics, *Statistical Bulletins, Definitions and Methods Part I, Industrial Production* (3rd edn., 1958); United Nations Statistical Office, *Statistical Papers Series F, No. 1, Index Numbers of Industrial Production*, *Studies in Methods No. 1*; National Bureau of Economic Research, *Studies in Income and Wealth*, Vol. 25, *Output, Input and Productivity Measurement*; L. Rostas, *A Report on International comparisons of Productivity in British and American Manufacturing Industry*.

952. International Trade and Balance of Payments. Professor Allen. Seven lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

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.—U.K. Board of Trade, *Monthly and Annual Accounts relating to the Trade of the United Kingdom*; U.K. Balance of Payments, 1959 to 1961 (Cmd. 1671); U.K. Central Statistical Office, *Economic Trends* (March 1963 and quarterly thereafter); International Monetary Fund, *Balance of Payments Year-Book*; R. G. D. Allen, "Statistics

of the Balance of Payments" (*Economic Journal*, 1951); C. F. Carter and A. D. Roy, *British Economic Statistics* (Chap. VIII, "The Balance of External Payments"); U.K. Central Statistical Office, "The Compilation of the U.K. Balance of Payments" and "Overseas Sterling Holdings" in *New Contributions to Economic Statistics*; R. G. D. Allen and J. E. Ely (Eds.), *International Trade Statistics*.

953. Time Series and Forecasting. Mr. J. J. Thomas. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

Syllabus.—The problems involved in using economic data. The adjustment of time series: smoothing, trend removal, seasonal adjustment, interpolation and extrapolation. Autocorrelation. The relationships between economic time series; cross correlation. Applications of time series techniques to forecasting problems.

Recommended reading.—A reading list will be available at the beginning of the course.

954. Introduction to Econometrics. Mr. Sargan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Econometrics*, IX 6 and 7c. Recommended for graduate students.

Students are also recommended to attend Course No. 989.

Syllabus.—The scope of econometrics. The nature of statistical data available to economists. Time series, trends and fluctuations. Production and consumption functions. Derivation of supply and demand curves by regression analysis and simultaneous probability equations. Problems of identification and aggregation. Connection between micro-economic theory and macro-economic models.

Recommended reading.—W. W. Leontief, "Econometrics" in H. S. Ellis (Ed.), *A Survey of Contemporary Economics*; L. R. Klein, "The Scope and Limitations of Econometrics" (*Applied Statistics*, 1957); S. Valavanis, *Econometrics*; L. R. Klein, *A Textbook of Econometrics*; W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*; C. F. Christ, C. Hildreth, Ta-chung Liu and L. R. Klein, "A Symposium on Simultaneous Equation Estimation" (*Econometrica*, 1960); H. Schultz, *The Theory and Measurement of Demand*; R. Stone, *Measurement of Consumers' Expenditure and Behaviour in the United Kingdom 1920-1938*; S. J. Prais and H. S. Houthakker, *The Analysis of Family Budgets*; P. H. Douglas, "Are There Laws of Production?" (*American Economic Review*, 1948); J. Marschak and W. H. Andres, "Random Simultaneous Equations and the Theory of Production" (*Econometrica*, 1944); J. Johnston, *Statistical Cost Analysis*; H. Theil, *Economic Forecasts and Policy*.

955. Sample Survey Theory. Mr. Kalton. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Social Statistics and Survey Methodology*, IX 6 and 7e, X 6 and 7d (Second Year students); optional for *Theory of Statistical Methods*, I 3c; IX 5. Recommended for graduate students.

Syllabus.—Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities. Ratio and regression estimates.

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*.

956. Compound Interest. Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Second Year students). Optional for students specialising in Accounting.

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*.

957. Life Contingencies. Mr. Haycocks. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Second Year students). Optional for students specialising in Accounting.

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. I; J. L. Anderson and J. B. Dow, *Actuarial Statistics*, Vol. II.

958. Actuarial Statistics. Mr. Haycocks. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Actuarial Statistics*, IX 6 and 7a (Third Year students). Optional for students specialising in Accounting.

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. 957.

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.

(d) COMPUTATIONAL METHODS

960. Computer Programming. Mr. Garside and Mr. Wegner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, X 5; IX 6 and 7d; *Data Processing including Elements of Accounting*, X 6 and 7b; *Practical Examination*, X (Second Year students).

Syllabus.—The principles of computer programming. Automatic programming. The Mercury Autocode. Examples from numerical analysis and statistics.

Recommended reading.—R. K. Livesley, *Automatic Digital Computers*; M. V. Wilks, *Automatic Digital Computers*; W. L. B. Nixon, *A Beginner's Guide to Programming for Mercury (University of London Computer Unit)*; P. Wegner, *An Introduction to Symbolic Programming*.

961. Computer Programming Class. Mr. Garside and Mr. Wegner. Ten classes, Michaelmas Term.

The classes will be held in conjunction with Course No. 960.

962. Numerical Analysis. Mr. Wegner. (a) Fifteen lectures, Lent and Summer Terms for Second Year students. (b) Ten lectures, Michaelmas Term for Third Year students.

For B.Sc. (Econ.) Part II—*Computer Programming and Numerical Analysis*, IX 6 and 7d; X 5; *Practical Examination*, X.

Syllabus.—Interpolation, quadrature, solution of simultaneous linear equations, inversion of matrices. Iterative methods for solving non-linear equations. Error analysis. Monte-Carlo methods.

Recommended reading.—K. L. Nielsen, *Methods in Numerical Analysis*; A. D. Booth, *Numerical Methods*; D. R. Hartree, *Numerical Analysis*; H.M. Stationery Office, *Interpolation and Allied Tables*.

963. Computer Programming Practical Class. Mr. Garside and Mr. Wegner. Two hours per week, Michaelmas Term.

For B.Sc. (Econ.) Part II—*Practical Examination*, X (Third Year students).

Recommended reading.—Mercury Autocode Manual (2nd ed., June 1963); W. L. B. Nixon, *A CHLF₃ Glossary*.

964. Data Processing. Mr. McRae. Twelve hours, Lent Term.

For B.Sc. (Econ.) Part II—*Data Processing including Elements of Accounting*, X 6 and 7b; *Elements of Management Mathematics*, IV 2g; Diploma in Operational Research and graduate students.

Syllabus.—Introduction to digital computers and programming. Applications of computers to accounting systems and business problems, with practical examples.

Recommended reading.—A. J. Burton and G. R. Mills, *Electronic Computers and their Business Applications*.

965. Introduction to Management Mathematics. Dr. Morton and Mr. Wegner. Fifteen lectures, Summer Term.

For B.Sc. (Econ.) Part II—*Elements of Management Mathematics*, IV 2g; *Management Mathematics*, X 4; *General Statistics*, IX 8; X 8 (Second Year students).

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, flow diagrams, probability, simulation, decision theory, queues, stock control, mathematics of finance and accounting, 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*.

966. Management Mathematics. Dr. Land. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—*Management Mathematics*, X 4; optional for *Elements of Management Mathematics*, IV 2g; *Practical Examination*, X (Third Year students); and Diploma in Operational Research.

Syllabus.—Replacement theory. Inventory Control. Queueing 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*; Massachusetts Institute of Technology, Operations Research Center, *Notes on Operations Research*; R. A. Howard, *Dynamic Programming and Markov Processes*.

967. Management Mathematics Class. Dr. Land. Ten classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 966.

(e) OPERATIONAL RESEARCH

970. Introduction to Mathematical Programming. Dr. Land and Dr. Morton. Ten lectures, Michaelmas Term.

Optional for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f (Third Year students), IX 1b; X 1b (Second or Third Year students). Students should attend either this course or course No. 15. *Econometrics*, IX 6 and 7c; *Management Mathematics*, X 4; *General Statistics*, IX 8; X 8 (Second Year students). Optional for *Elements of Management Mathematics*, IV 2g (Third Year students). Also for Diploma in Operational Research and graduate students.

Syllabus.—This course is intended to acquaint students with the basic techniques for formulating and solving linear programming problems, and to draw attention to its relationship to economic theory. A familiarity with simple matrix algebra and its use in the solution of linear simultaneous equations will be assumed.

Recommended reading.—R. Dorfman, *Application of Linear Programming and the Theory of the Firm*; S. Vajda, *Readings in Linear Programming*.

971. Introduction to Mathematical Programming Class. Dr. Land and Dr. Morton. Ten classes, Michaelmas Term.

The classes will be held in conjunction with Course No. 970.

972. Mathematical Programming. Dr. Morton and Dr. Land. Ten lectures, Lent Term.

Optional for B.Sc. (Econ.) Part II—*Economics treated Mathematically*, I 8b; III 8d; IV 2f (Third Year students), IX 1b; X 1b (Second or Third Year students). Students should attend either this course or course No. 16. Also recommended for Diploma in Operational Research and graduate students.

NOTE: Students are expected to be familiar with mathematics up to the standard of Mathematics B.

Syllabus.—This course will follow upon No. 970.

Basic formulations and theorems of mathematical programming: Convex point sets, linear and non-linear objective functions. Basic methods of solutions. Existence theorems. Special problems. Applications in economic analysis and in applied economics.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; D. Gale, *The Theory of Linear Economic Models*; S. I. Gass, *Linear Programming: Methods and Applications*; T. C. Koopmans and others (Eds.), *Activity Analysis of Production and Allocation*; H. Makower, *Activity Analysis and the Theory of Economic Equilibrium*; S. Vajda, *Mathematical Programming; Readings in Linear Programming*.

973. Mathematical Programming Class. Dr. Morton and Dr. Land. Ten classes, Lent Term.

The classes will be held in conjunction with Course No. 972.

974. Stochastic Processes. Mr. Hajnal. Fifteen lectures, Lent and Summer Terms.

For Diploma in Operational Research. Recommended for graduate students.

Syllabus.—Discrete and continuous processes. Stationary and evolutionary processes. Ergodic theory. Markov processes. Queuing theory.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications*; M. S. Bartlett, *An Introduction to Stochastic Processes*; P. A. P. Moran, *The Theory of Storage*; L. Takacs, *Stochastic Processes*; J. G. Kemeny and J. L. Snell, *Finite Markov Chains*.

975. Economics for Operational Research. Lecturer to be announced. Ten lectures, Lent Term.

For Diploma in Operational Research.

Syllabus.—An introduction to the principles of economic theory for students who have some familiarity with mathematics and operational research.

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

976. Selected Topics in Operational Research. Dr. Land and Dr. Morton and others. Ten lectures, Lent Term.

For Diploma in Operational Research. Recommended for graduate students.

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.

The attention of students taking the Diploma in Operational Research is drawn to the following courses held at Imperial College:

Industrial Engineering. Dr. Eilon. Forty lectures, Sessional.

Work Study. Mr. Hall and Mr. King. Ten lectures, Michaelmas Term.

977. Tutorial Class in Operational Research. Dr. Land and Dr. Morton. Sessional.

For Diploma in Operational Research.

(f) GRADUATE COURSES, SEMINARS AND CLASSES

980. Advanced Statistical Methods for Econometrics. Professor Durbin. Twenty-five lectures, Sessional.

For graduate students.

Syllabus.—Regression methods for single-equation and simultaneous-equation models. Limited-information and full-information methods. Two-stage and three-stage least squares. Time series. The fitting of time-series models. Periodogram and spectral analysis.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (2 Vols.); W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*; H. Theil, *Economic Forecasts and Policy*; E. J. Hannan, *Time Series Analysis*; R. B. Blackman and J. W. Tukey, *The Measurement of Power Spectra*; R. L. Anderson and T. A. Bancroft, *Statistical Theory in Research*; J. Johnston, *Econometric Methods*.

981. Special Statistical Techniques for Industry and Business.

Dr. Quenouille. Ten lectures, Michaelmas Term.

For graduate students and for Diploma in Operational Research.

Syllabus.—Each lecture of this course will discuss a different statistical technique which has found special application in some branch of industry or business.

Recommended reading.—A book list will be supplied at the beginning of the course.

982. Theory of Statistical Transformations. Dr. Quenouille.

Six lectures, Summer Term. This course will not be given in the session 1963–64. It will be given in 1964–65.

For graduate students.

Syllabus.—Selection and effects of variate transformations in statistical analysis, including time-series analysis. Transformations of statistical distributions. Uses and limitations of transformations in limit estimation.

Recommended reading.—M. H. Quenouille, *Introductory Statistics; The Design and Analysis of Experiment* (Chapters on transformations and scaling of observations); *The Fundamentals of Statistical Thought* (Section on Estimation); C. R. Rao, *Advanced Statistical Methods in Biometric Research*.

983. Multivariate Analysis. Dr. Wagle. Twenty lectures, Michaelmas and Lent Terms.

For graduate students.

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.—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*; Hood and Koopmans (Eds.), *Studies in Econometric Method*.

984. Geometry of n Dimensions. Mr. Wegner. Ten lectures, Lent Term. This course will not be given in the session 1963–64. It will be given in 1964–65.

For graduate students.

Syllabus.—Dimension. Length. Angle. Metric. Hypersurfaces and their intersection. Geometrical interpretation of matrix operations. Linear transformations. Rotations. Quadratic forms. Examples from statistics.

Geometry of linear inequalities. Convex spaces. Optimization in convex spaces. Examples from linear and quadratic programming.

Recommended reading.—M. G. Kendall, *A course in n -dimensional geometry*; P. R. Halmos, *Finite Dimensional Vector Spaces*.

985. Programming and Control Languages. Mr. Wegner. Ten lectures of one-and-a-half hours (evening), Michaelmas Term. (This course will not be given in the session 1963–64. It will be given in 1964–65.)

For graduate students and for Diploma in Operational Research.

This course is open to all students of the School and may be attended by others who register as Occasional Students for the purpose. Attendance by permission of Mr. Wegner.

Syllabus.—Symbolic assembly languages. FORTRAN, Algol, Programming Systems. Language Translation. List processing.

986. Probability and Measure Theory. Mr. T. M. F. Smith. Ten lectures, Michaelmas Term.

For graduate students.

Syllabus.—Sets. Measurable sets. Theory of Measure and Integration. Axioms of Probability. Expectations. Some Theorems.

Recommended reading.—M. E. Munroe, *Introduction to Measure and Integration*; H. Cramér, *Mathematical Methods of Statistics*, Chaps. 1–9; A. N. Kolmogorov, *Foundations of the Theory of Probability*; P. R. Halmos, *Measure Theory*; M. Loève, *Probability Theory*.

987. Statistical Methods in Psychology. Mr. Kalton. Ten lectures, Lent and Summer Terms.

For graduate students. It will be assumed that students have a knowledge of statistics to the standard of Course No. 920.

Syllabus.—Principles of experimental design. Analysis of variance and covariance. Correlation techniques.

Recommended reading.—D. R. Cox, *Planning of Experiments*; M. J. Moroney, *Facts from Figures*; J. P. Guildford, *Fundamental Statistics in Psychology and Education*; H. M. Walker and J. Lev, *Statistical Inference*; M. H. Quenouille, *Associated Measurements*; Q. McNemar, *Psychological Statistics*; A. L. Edwards, *Statistical Analysis*.

988. Design and Analysis of Social Investigations. Professor Moser, Miss Gales, Dr. Oppenheim and Mr. de Kadt. One-and-a-half hours per week, Sessional.

Students are referred also to Courses No. 713 and 947.

For first year graduate students in Sociology, Statistics, Psychology, etc. Attendance by arrangement with Professor Moser.

Syllabus.—The main problems arising in the design of social investigations, the collection of the data, and the analysis and interpretation of the results.

Recommended reading.—Detailed recommendations will be made during the course, but the following may be regarded as background reading: C. Selltitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser, *Survey Methods in Social Investigation*; S. Payne, *The Art of Asking Questions*.

989. Theory of Games. Dr. Morton. Five lectures, Lent Term.

For Diploma in Operational Research and graduate students. Optional for B.Sc. (Econ.) Part II—*General Statistics*, IX 8; X 8; *Econometrics*, IX 6 and 7c; *Economics Treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b.

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*.

990. Statistical Theory for Economists. Mr. J. J. Thomas.
Twenty lectures and fifteen classes, Michaelmas and Lent Terms.

For first year graduate students in International Trade. Open to other graduate students.

Syllabus.—An introduction to statistical theory with applications to problems in economics. The summarization of data, measures of location and dispersion. Probability theory. Elementary distribution theory. Sampling theory. Estimation problems and the testing of hypotheses. Correlation and regression. Time series analysis. Index number problems.

Recommended reading.—J. E. Freund and F. J. Williams, *Modern Business Statistics*; P. G. Hoel, *Elementary Statistics*.

991. An Introduction to Multiple Regression and Correlation.
Mr. J. J. Thomas. Ten lectures, Lent Term.

For graduate students and others interested. The course will assume the material in courses Nos. 921 or 990 as background.

Syllabus.—The extension of linear regression analysis to multiple regression problems. Least square regression. Partial correlation. Multiple correlation. Estimation and tests of hypotheses. Applications of multiple regression theory to empirical work in economics.

Recommended reading.—Reading will be suggested during the course.

992. Statistical Theory Class. Mr. Stuart. Two hours weekly throughout the session.

For graduate students.

993. Statistics Seminar. Professor Allen, Professor Durbin and Professor Moser, will hold a fortnightly seminar during the session. Admission will be by permission of Professor Allen, Professor Durbin or Professor Moser.

994. Operational Research Seminar. Dr. Morton will hold a fortnightly seminar during the session. Admission will be by permission of Dr. Morton.

For Diploma in Operational Research.

995. 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.

PART IV
PUBLICATIONS OF THE SCHOOL

PUBLICATIONS OF THE SCHOOL

i. *Economica*

Economica is published by the School quarterly, in February, May, August and November. It is devoted to research in economics, economic history and statistics, and is under the direction of an Editorial Board composed of the Director of the School, Professor R. G. D. Allen, Professor P. T. Bauer, Professor W. T. Baxter, Professor E. H. Phelps Brown, Professor E. Devons, Professor H. C. Edey, Professor F. J. Fisher, Professor R. G. Lipsey, Professor F. W. Paish, Professor A. W. Phillips, Professor Sir Arnold Plant, Lord Robbins, Professor R. S. Sayers and Professor B. S. Yamey (Acting Editor), with Dr. B. A. Corry as Assistant Editor. In the field defined the Editorial Board welcomes the offer of contributions of a suitable nature from investigators, whether British or foreign. If an accepted contribution is written in a language other than English a translation fee will be deducted from the payment made to the contributor.

In addition to authoritative articles on subjects falling within the scope of the journal, each issue also contains a section devoted to reviews of current literature.

The price of *Economica* is 10s. per issue or £1 10s. per annum, post free. A specially reduced rate of £1 5s. per annum is offered to registered students of the School. The prices of back numbers in both the Old and the New Series will be quoted on application.

All enquiries including editorial and business communications should be addressed to *Economica* Publishing Office, The London School of Economics.

ii. *The British Journal of Sociology*

The British Journal of Sociology is published quarterly for the School by Routledge and Kegan Paul, Ltd. The Managing Editor is Professor D. G. MacRae, to whom all editorial communications should be addressed. The Editorial Board consists of Professor Ginsberg, Professor Glass, Professor T. H. Marshall, Professor Schapera and Professor Titmuss. Its aims are to provide a medium for the publication of original researches in the fields of sociology, social psychology and social philosophy;

for critical studies or discussions in the various fields of inquiry; for surveys of developments and literature in specific fields; and for book reviews.

The Journal seeks to secure the co-operation of scholars in other countries; to serve as an international focus; and to further the development of comparative studies in the fields indicated.

The price of *The British Journal of Sociology* is 12s. 6d. per issue or £2 per annum, four issues, post free. Subscriptions direct to Routledge and Kegan Paul, Ltd., 68, Carter Lane, London, E.C.4. The subscription rate for Members of the British Sociological Association is 30s. per annum.

iii. The British Journal of Industrial Relations

The *British Journal of Industrial Relations* is published by the School in February, June and October. The Editor is Professor B. C. Roberts and the Assistant Editors are Mr. J. H. Smith and Mr. K. E. Thurley. The Editorial Committee includes Sir Sydney Caine, Professor E. H. Phelps Brown, Professor O. Kahn-Freund, Professor D. G. MacRae, Professor C. A. Moser, Mr. W. Pickles, Miss B. N. Secar (London School of Economics and Political Science); Mr. A. Flanders (Oxford University); Mr. T. Lupton (Birmingham College of Advanced Technology); Professor D. J. Robertson (University of Glasgow); Professor H. A. Turner (University of Leeds) and Mr. E. Trist (Tavistock Institute of Human Relations).

The *British Journal of Industrial Relations* publishes articles concerned with the institutional and human aspects of industrial relations; labour statistics and economics; the application of psychology and sociology to personnel problems; the legal and political aspects of labour relations. Contributions from overseas are welcome.

Each issue contains a chronicle of recent events in the field of industrial relations and a book review section.

The price of the *British Journal of Industrial Relations* is 15s. od. per issue or £2 2s. od. for one year, £6 for three years. Overseas: 16s. od., £2 5s. od., £6 10s. od. U.S.A.: \$2.50, \$6.50, \$18.00, respectively; all post free.

iv. Publications of the School (New Series)

The following publications have been published for the School by Longmans, Green & Co., Ltd., from whom copies can be obtained:—

Reason and Unreason in Society. By Professor M. GINSBERG, M.A., D.Lit. 1947; Reprinted 1949; viii, 328 pp. Cloth, 15s. net. (Out of print.)

The Rubber Industry—A Study in Competition and Monopoly. By P. T. BAUER, M.A. 1948; xiv, 404 pp. Cloth, 25s. net.

Theories of Welfare Economics. By Professor HLA MYINT, Ph.D. 1948; xiv, 240 pp. Cloth, 15s. net. (Out of print.)

Central Planning and Control in War and Peace. By Sir OLIVER FRANKS, K.C.B. 1947; Reprinted 1948; 61 pp. 2s. 6d. net. Paper Cover. (Out of print.)

Sociology at the Crossroads. By Professor T. H. MARSHALL, M.A. 1947; 28 pp. 1s. 6d. Paper Cover. (Out of print.)

Five Lectures on Economic Problems. By Professor G. J. STIGLER, Ph.D. 1949; vi, 65 pp. Cloth, 7s. 6d. net.

British Broadcasting—A Study in Monopoly. By R. H. COASE, B.Com. 1950; x, 206 pp. Cloth, 12s. 6d. net.

London Essays in Geography (Rodwell Jones Memorial Volume). Edited by Professor L. DUDLEY STAMP and Professor S. W. WOOLDRIDGE. 1951; xiv, 351 pp. Cloth, 25s. net. (Out of print.)

The Habitual Criminal. By NORVAL MORRIS, LL.M., Ph.D. 1951; ix, 384 pp. Cloth, 27s. 6d. net.

Welfare Economics and the Theory of the State. By Professor WILLIAM J. BAUMOL, Ph.D. 1952; vii, 171 pp. Cloth, 21s. net. (Out of print.)

Democracy and Foreign Policy. By R. BASSETT, M.A. 1952; xxiv, 654 pp. Cloth, 42s. net.

The following publications have been published for the School by G. Bell & Sons, Ltd., from whom copies can be obtained:—

Political Systems of Highland Burma: A Study of Kachin Social Structure. By E. R. LEACH, M.A., Ph.D. 1954; xii, 324 pp. Cloth, 35s. net. (Out of print.)

The Contracts of Public Authorities: A Comparative Study. By J. D. B. MITCHELL, LL.B., Ph.D. 1954; xxxii, 256 pp. Cloth, 25s. net.

The Origin of the Communist Autocracy. By L. B. SCHAPIRO. 1955; Reprinted 1956; xvii, 397 pp. Cloth, 35s. net.

Capital and its Structure. By L. M. LACHMANN. 1956; xi, 130 pp. Cloth, 15s. net. (Out of print.)

Trade Union Government and Administration in Great Britain. By B. C. ROBERTS. 1956; Reprinted 1957; vi, 570 pp. Cloth, 31s. 6d. net. (*Out of print.*)

French Banking Structure and Credit Policy. By J. S. G. WILSON. 1957; viii, 453 pp. Cloth, 45s. net. (*Out of print.*)

The Economics of Sir James Steuart. By S. R. SEN. 1957; viii, 207 pp. Cloth, 25s. net.

British Monetary Experiments, 1650-1710. By J. KEITH HORSEFIELD. 1960; xix, 344 pp. Cloth, 45s. net.

Samuel Bailey and the Classical Theory of Value. By R. M. RAUNER. 1961; vii, 162 pp. Cloth, 30s. net.

The Nature of International Society. By Professor C. A. W. MANNING. 1962; xi, 220 pp. Cloth, 30s. net.

Opinion on Bank Rate, 1822-60. By A. B. CRAMP. 1962; xi, 118 pp. Cloth, 25s. net.

From Dependent Currency to Central Banking in Ceylon: An Analysis of Monetary Experience, 1825-1957. By H. DE S. GUNASEKERA. 1962; xi, 324 pp. Cloth, 45s. net.

The Management of Capital Projects. By R. J. S. BAKER. 1963; x, 270 pp. Cloth, 42s. net.

The History of the Foundation of the London School of Economics and Political Science. By Sir SYDNEY CAINE, K.C.M.G. 1963; viii, 103 pp. Cloth, 20s. net.

Government in Rural India: An Introduction to Contemporary District Administration. By DAVID C. POTTER. (*In preparation.*)

Labour in the Tropical Territories of the Commonwealth. By B. C. ROBERTS. (*In preparation.*)

**v. Books Sponsored by the School (Old Series)
Studies in Economics and Political Science**

(*Volumes out of print are not included below; for a complete list of the Series see the Calendar, 1936-7*)

59. The Inequality of Incomes in Modern Communities. By HUGH DALTON, M.A., King's College, Cambridge; D.Sc. (Econ.),

London; P.C.; Barrister-at-Law of the Middle Temple; sometime Reader in Economics in the University of London. 1920; 2nd edn. (with Appendix), 1925; 390 pp., Demy 8vo, cloth. 18s. net.

Routledge and Kegan Paul Ltd.

61. The Industrial and Commercial Revolutions in Great Britain during the Nineteenth Century. By LILIAN C. A. KNOWLES, Litt.D., Dublin; M.A., LL.M., Girton College, Cambridge; late Professor of Economic History in the University of London. Fourth edn. revised, 1926; xii, 416 pp., Demy 8vo, cloth. 15s. net.

Routledge and Kegan Paul Ltd.

66. Principles of Public Finance. By HUGH DALTON, M. A. King's College, Cambridge; D.Sc. (Econ.), London; P.C.; Barrister-at-Law of the Middle Temple; sometime Reader in Economics in the University of London. 1922; 4th edn. (revised and reset), 1954; xv, 255 pp., Crown 8vo, cloth. 10s. 6d. net.

Routledge and Kegan Paul Ltd.

107. Prices and Production. By Dr. FRIEDRICH A. HAYEK. 1931, revised 1935; pp. xiv, 162, Crown 8vo, cloth. 12s. 6d. net.

Routledge and Kegan Paul Ltd.

109. Economic Development in the Nineteenth Century. By LILIAN C. A. KNOWLES, M.A., LL.M., Litt.D. 1932; pp. viii, 368, Demy 8vo, cloth. 18s. net.

Routledge and Kegan Paul Ltd.

Studies in Economics and Commerce

5. Modern Production among Backward People. By I. C. GREAVES, M.A., Ph.D. 1934; 229 pp., 8vo, cloth. 12s. 6d. net.

George Allen & Unwin Ltd.

7. Outline of International Price Theories. By CHI-YUEN WU, Ph.D. With an Introduction by LIONEL ROBBINS. 1939; xii, 373 pp., 8vo, cloth. 18s. net.

Routledge and Kegan Paul Ltd.

9. The Variations of Real Wages and Profit Margins in Relation to the Trade Cycle. By SHO-CHIEH TSIANG. 1947; vii, 174 pp., Demy 8vo, cloth. 25s. net.

Pitman.

Studies in Economic and Social History

5. English Trade in the Fifteenth Century. Ed. by EILEEN POWER, D.Litt., and M. POSTAN. 1933; 435 pp., Royal 8vo, cloth. 30s. net.

Routledge and Kegan Paul Ltd.

Studies in Statistics and Scientific Method

Edited by A. L. BOWLEY and A. WOLF.

1. **Elementary Statistical Methods.** By E. C. RHODES, B.A. (Cambridge), D.Sc. (London). 1933; 242 pp., Demy 8vo, cloth. 10s. 6d. net. *Routledge and Kegan Paul Ltd.*

3. **Mathematical Analysis for Economists.** By R. G. D. ALLEN, M.A. 1938; (*Latest reprint 1962*), xvi, 548 pp., Demy 8vo, cloth. 30s. net. *Macmillan & Co. Ltd.*

Monographs on Social Anthropology

This series aims to make available work done by anthropologists connected with the London School of Economics and Political Science. The first thirteen numbers were produced by the Replika process, but No. 14 and later numbers are printed in letterpress. Orders should be sent to the Athlone Press, at 12, Orange Street, London, W.C.2, who act as publishers on behalf of the Editorial Board. Editorial inquiries should be addressed to the Editor, Department of Anthropology, London School of Economics, Houghton Street, Aldwych, W.C.2.

At present available:

11. **The Ethnic Composition of Tswana Tribes.** By I. SCHAPER. 1952; vi, 133 pp., with map. Paper bound, quarto, 15s. net.

13. **Changing Lapps.** By GUTORM GJESSING. 1954; 68 pp., with map. Paper bound, quarto, 12s. net.

14. **Chinese Spirit Medium Cults in Singapore.** By ALAN J. A. ELLIOTT. 1955; 179 pp., with 6 plates and glossary. Cloth, octavo, 18s. net.

15. **Two Studies of Kinship in London.** Edited by RAYMOND FIRTH. 1956; 93 pp. Cloth, octavo, 13s. 6d. net.

16. **Studies in Applied Anthropology.** By L. P. MAIR. 1957; 84 pp. Cloth, octavo, 2nd impression, 1961, 15s. net.

17. **Indigenous Political Systems of Western Malaya.** By J. M. GULLICK. 1958; viii, 156 pp., with maps and diagrams. Cloth, octavo, 25s. net.

18. **Lineage Organization in South-Eastern China.** By MAURICE FREEDMAN. 1958; xii, 154 pp., with map and diagrams. Cloth, octavo, 25s. net.

19. **Political Leadership among Swat Pathans.** By FREDRIK BARTH. 1959; vii, 146 pp., with maps and diagrams. Cloth, octavo, 25s. net.

20. **Social Status and Power in Java.** By LESLIE A. PALMIER. 1960; x, 172 pp., with maps and diagrams. Cloth, octavo, 30s. net.

21. **Malay Kinship and Marriage in Singapore.** By JUDITH DJAMOUR. 1959; 151 pp., with diagrams. Cloth, octavo, 25s. net.

22. **Rethinking Anthropology.** By E. R. LEACH. 1961; vii, 143 pp., with diagrams. Cloth, octavo, 21s. net.

23. **Marsh Dwellers of the Euphrates Delta.** By S. M. SALIM. 1962; x, 157 pp., with maps, diagrams and plates. Cloth, octavo, 30s. net.

24. **Legal Institutions in Manchu China.** By SYBILLE VAN DER SPENKEL. 1962; viii, 178 pp., with maps and diagrams. Cloth, octavo, 30s. net.

25. **Conflict and Solidarity in a Guianese Plantation.** By C. JAYAWARDENA. 1963; ix, 159 pp., with tables. Cloth, octavo, 25s. net.

26. **Kinship and Marriage in a New Guinea Village.** By H. IAN HOGGIN. 1963; viii, 178 pp., with maps and plates. Cloth, octavo, 35s. net.

27. **A New Maori Migration: Rural and Urban Relations in Northern New Zealand.** By JOAN METGE. (*In Press.*)

28. **Essays on Social Organization and Values.** By RAYMOND W. FIRTH. (*In Press.*)

Earlier numbers, listed below, are now out of print:

1. **The Work of the Gods in Tikopia. Vol. I.** By RAYMOND W. FIRTH. 1940; vi, 188 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.

2. **The Work of the Gods in Tikopia. Vol. II.** By RAYMOND W. FIRTH. 1940; vi, 190 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.

3. **Social and Economic Organisation of the Rowanduz Kurds.** By E. R. LEACH. 1940; 82 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.

4. **The Political System of the Anuak of the Anglo-Egyptian Sudan.** By E. E. EVANS-PRITCHARD. 1940; 164 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.

5. **Marriage and the Family among the Yako in South-Eastern Nigeria.** By DARYLL FORDE. 1941; 124 pp., with diagrams and illustrations. Paper bound, quarto, 10s. 6d. net. (*Reprint available from the International African Institute.*)

6. **Land Tenure of an Ibo Village in South-Eastern Nigeria.** By M. M. GREENE. 1941; 44 pp., with diagrams and a map. Paper bound, quarto, 4s. net.

7. **Housekeeping Among Malay Peasants.** By ROSEMARY FIRTH. 1943; 208 pp., with maps, diagrams and illustrations. Paper bound, quarto, 10s. net.

8. **A Demographic Study of an Egyptian Province (Sharqiya).** By A. M. AMMAR. 1943; 98 pp., with diagrams, maps and illustrations. Paper bound, quarto, 7s. 6d. net.

9. **Tribal Legislation among the Tswana of the Bechuanaland Protectorate.** By I. SCHAPER. 1943; vi, 96 pp., with folding map. Paper bound, quarto, 9s. net.

10. **Akokoaso: A Survey of a Gold Coast Village.** By W. H. BECKETT. 1944; v, 96 pp., with coloured diagrams. Paper bound, quarto. 3rd Impression, 1956, 12s. net.

12. **The Chinese of Sarawak: A Study of Social Structure.** By JU K'ANG T'EN. 1953; vi, 92 pp., with maps and diagrams. Paper bound, quarto, 2nd Impression, 1956, 21s. net.

Series of Bibliographies

Orders should be sent to *The Librarian, British Library of Political and Economic Science.*

8. A London Bibliography of the Social Sciences.

These volumes record, by subject, all works in the British Library of Political and Economic Science and the Edward Fry Library of International Law at the London School of Economics, except non-governmental periodicals acquired since 1936. They also record the works acquired up to May 1936 by the Goldsmiths' Library of Economic Literature at the University of London and up to May 1931 by the libraries of the Royal Statistical Society, the Royal Institute of International Affairs, the Royal Anthropological

Institute and the National Institute of Industrial Psychology, together with special collections in the library of University College, London, the University of London Library and the Reform Club.

Paper covers. Volumes I-IV (covering the acquisitions up to 1929); volume V (acquisitions of 1929-1931); volume VI (acquisitions of 1931-1936); volumes VII-IX (acquisitions of 1936-1950); volumes X and XI (acquisitions of 1950-1955). Volumes I-VI are out of print. Volumes VII-IX, £4 each; volumes X and XI £5 each. Microcard editions of volumes III and VI are obtainable from J. S. Canner and Co., 46, Millmont Street, Boston 19, Massachusetts, U.S.A., at \$13.50 and \$12.50, respectively. A full-size reprint of volumes I-VI is in preparation by the Johnson Reprint Company Limited, Berkeley Square House, Berkeley Square, London, W.1.

Monthly List of Additions to the Library. 25s. a year.

Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science. 1961; vi, 186 pp. Paper covers. 25s. net (26s. post free)

vi. Series of Reprints of Scarce Tracts in Economic and Political Science

(*Volumes out of print are not included below; for a complete list of the Series, see previous Calendars. All enquiries should be addressed to Economica Publishing Office, The London School of Economics.*)

1. **Pure Theory of Foreign Trade and Pure Theory of Domestic Values.** By ALFRED MARSHALL. (1879.) 1930, reissued 1935, 1949; 28, 37 pp. Full bound, 7s. 6d.

16. **Risk, Uncertainty and Profit.** By FRANK H. KNIGHT, Ph.D. (1921.) With a new Introduction by the Author 1933, reissued 1935, 1937, 1939, 1940, 1946, and 1948. Eighth Impression with new Preface by Author. 1957; lxi, 381 pp. Full bound, 25s. (*Edition exhausted.*)

Series of Reprints of Scarce Works on Political Economy

1. **Industrial Combination.** By D. H. MACGREGOR, M.A. (1906.) 1935; reissued with new Introduction by the Author. 1938; xxiv, 246 pp. Full bound, 7s. 6d. (*Edition exhausted.*)

2. **Protective and Preferential Import Duties.** By A. C. PIGOU, M.A. (1906.) 1935; xiv, 118 pp. Full bound, 6s. (*Edition exhausted.*)
3. **Principles of Political Economy.** By T. R. MALTHUS. (1836.) 1936; liv, 446 pp. Full bound, 10s. 6d. (*Edition exhausted.*)
4. **Three Lectures on Commerce and One on Absenteeism.** By MOUNTIFORT LONGFIELD, LL.D. (1835.) 1937; iv, 111 pp. Full bound, 6s. (*Edition exhausted.*)
5. **The Literature of Political Economy.** By J. R. McCULLOCH. (1845.) 1938; xx, 407 pp. Full bound, 12s. 6d. (*Edition exhausted.*)
6. **Three Studies on the National Income.** By Professor A. L. BOWLEY, Sc.D., and Sir JOSIAH STAMP, G.B.E., Sc.D. (1919, 1920, 1927.) 1938; 145 pp. Full bound, 6s. (*Edition exhausted.*)
7. **Essays on Some Unsettled Questions of Political Economy.** By JOHN STUART MILL. (1844.) 1948; vi, 164 pp. Full bound, 10s. 6d.
8. **A Study of Industrial Fluctuations.** By D. H. ROBERTSON. 1915. With a new Introduction by the author, and an Appendix entitled "Autour de la crise américaine de 1907 ou Capitaux-réels et Capitaux-apparents" by M. Labordère (1908.) 1948; xxv, 350 pp. Full bound, 12s. 6d. (*Edition exhausted.*)
9. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. I. Jeremy Bentham, viii, 326 pp. (*Edition exhausted.*)
10. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. II. James Mill, vi, 382 pp. (*Edition exhausted.*)
11. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. III. John Stuart Mill, vi, 525 pp. £2 2s per set. (*Edition exhausted.*)
12. **London Life in the Eighteenth Century.** By M. DOROTHY GEORGE. (1925.) 1930, 1951; 468 pp. Full bound, 15s.
13. **The Economic Writings of Francis Horner in *The Edinburgh Review*, 1802-6.** Edited with an Introduction by Frank Whitson Fetter. 1957; vii, 134 pp. Full bound, 21s.
14. **Letters on Commercial Policy.** By R. TORRENS. (1833.) With an Introduction by Lionel Robbins. 1958; x, 96 pp. Full bound, 18s.

15. **An Inquiry into the Currency Principle.** By THOMAS TOOKE. (1844.) 1959; x, 166 pp. Full bound, 20s.
16. **An Introduction to Tooke and Newmarch's "A History of Prices and of the State of the Circulation from 1792 to 1856."** By T. E. GREGORY. (1928.) 1962; 120 pp. Full bound, 15s.
17. **Economic Writings of James Pennington (1826-1840.)** Edited with an Essay on the Life and Work of James Pennington by R. S. Sayers. 1963; lxii, 114 pp. Full bound, 25s.

vii. Hobhouse Memorial Trust Lectures

HOBHOUSE MEMORIAL LECTURES, 1930-1940 (*Out of print*). 1941-1950. Published by Oxford University Press. Cloth, pp. viii, 268, 17s. 6d. net.

HOBHOUSE MEMORIAL LECTURES, 1951-1960. Published by the Athlone Press. Cloth, pp. x, 284, 25s. net. This volume includes lectures 21-30, which were delivered between 1951 and 1960, as follows:—

21. **Technology and History.** CHARLES SINGER, D.Litt., M.D., F.R.C.P., F.S.A. 1952, pp. 20, 2s. net.
22. **Contributions of Psychology to Social Problems.** SIR CYRIL BURT, D.Litt., D.Sc., LL.D., F.B.A. 1953, pp. 76, 5s. net.
23. **On the Notion of a Philosophy of History.** D. M. MACKINNON, M.A. 1954, pp. 20, 2s. net.
24. **Realities and Illusions in regard to Inter-Governmental Organizations.** GUNNAR MYRDAL. 1954, pp. 28, 2s. 6d. net.
25. **Aspects of the Ascent of a Civilization.** SIR MORTIMER WHEELER. 1955, pp. 24, 2s. 6d. net.
26. **The Welfare State.** WILLIAM A. ROBSON. 1957, pp. 20, 2s. 6d. net.
27. **Can Social Policies be Rationally Tested?** A. MACBEATH. 1957, pp. 20, 2s. 6d. net.
28. **The Curious Strength of Positivism in English Political Thought.** NOEL ANNAN. 1959, pp. 21, 3s. net.

29. **International Comprehension In and Through Social Science.** T. H. MARSHALL. 1960, pp. 24, 3s. 6d. net.
30. **Agents of Cultural Advance.** SIR AUBREY LEWIS, M.D., F.R.C.P. 1961, pp. 29, 5s. net.

Some of these lectures can still be obtained separately.

These lectures continue to be delivered annually under the Hobhouse Memorial Trust and will in future be published separately, not in a collected volume. The following lectures in the new series have already been published by the Athlone Press:—

31. **Punishment and the Elimination of Responsibility.** H. L. A. HART. 1962, pp. 32, 5s. net.
32. **Sociology at the Seven Dials.** W. J. H. SPOTT. 1962, pp. 18, 5s. net.

PART V RESEARCH

RESEARCH

The London School of Economics has, from its foundation, been a centre of research in the field of the social sciences and has sought to provide adequate research facilities both for members of the teaching staff and for graduate students. The primary requirement was a research library which, in the words of the appeal launched in 1896 for funds for its establishment, would "provide, for the serious student of administrative or constitutional problems, what has hitherto been lacking in this country, namely, a collection of materials for economic and political research". Following the success of this appeal, the British Library of Political and Economic Science was established; it is now perhaps the largest library in the world devoted exclusively to the social sciences.

Another early development was the institution, also in 1896, of a series of Studies in Economics and Political Science; these Studies numbered over one hundred by 1932 when the initial series was closed and succeeded by a new series. The latter was superseded by another arrangement in 1944 when the Publications Committee, under the Chairmanship of Professor Sir Arnold Plant, assumed responsibility for the editing of studies issued under the auspices of the School. In 1909 the School began to sponsor the publication of select bibliographies in social studies, and since 1930 has issued reprints of scarce works and scarce tracts in Economic and Political Science.

The School has also established periodical publications in the field of social studies. *Economica*, a quarterly journal founded in 1921, has an ever widening circulation. Another quarterly journal, *Politica*, devoted to those branches of the social sciences not covered by *Economica*, was published from 1935 to 1939. During the war, a quarterly journal devoted to problems of reconstruction, *Agenda*, was published, notwithstanding the difficulties presented by war-time conditions. From 1930 to 1940 an *Annual Survey of English Law* was issued under the auspices of the School and an *Annual Digest of Public International Law Cases* covering the years from 1919. In 1950, *The British Journal of Sociology*, a quarterly journal, was established and is published for the School by Routledge and Kegan Paul, Ltd. In February 1963 a new journal, the *British Journal of Industrial Relations*, was established and is published by the School.

Until 1947 the School was not in a position to finance research out of its own funds, and was thus dependent on the generosity of benefactors. Between 1923 and 1937, and also between 1937 and 1945, grants were made to the School by the Rockefeller Foundation, which were used to

finance such research projects as the New Survey of London Life and Labour, begun in 1929 and completed in 1935; the Land Utilisation Survey of Great Britain under the direction of Professor L. D. Stamp; and the International History of Prices and Wages under the direction of Lord (then, Sir William) Beveridge; as well as individual projects in the fields of Social Biology and Economic History.

In 1945 the Manchester Oil Refinery, Ltd., placed funds at the disposal of the School for a period of seven years. Expressing the conviction, based on their own experience, that highly fruitful results were to be expected from a closer alliance between the economist and the industrial technician, the donors, though attaching no conditions to their gift, hoped it would make possible the closer study of economics with special reference to industry in this country. With assistance from this fund Professor Sir Ronald Edwards made two studies. The first, a review of Co-operative Industrial Research in Great Britain, was published in 1950, and the second, a survey of Industrial Research Institutions in Switzerland, in 1951.

In 1946, the Trustees of the Nuffield Foundation made a generous grant of £20,000 to the School towards the cost of a programme of research into social selection and differentiation. To carry out this research, a **Sociological Research Unit** was organised. The object was to study the nature of the class structure of Great Britain and the factors influencing the selection and movement of individuals to different social strata. The problem was approached by examining the relationships between occupational grade, educational background and social status. Material for the inquiry into the social status structure of the population was collected by a nation-wide sample inquiry carried out in association with the Ministry of Labour and the Social Survey. A number of detailed reports were prepared. They include an examination of the educational experience of the population as at 1949; the measurement of social mobility over time; the influence of education upon social mobility; a study of inter-class marriage and the influence of social mobility upon family size. In addition the ages at which occupational stability is reached were examined by means of occupational profiles.

This general study of social mobility was supplemented by a series of special inquiries into subjective aspects of social status; self-recruitment in specific professions; the functioning of the educational selection process since the 1944 Act; and the structure of leadership in voluntary organisations in relation to the problem of social status. Reports on these various studies were brought together in a symposium entitled *Social Mobility in Britain*, edited by Professor D. V. Glass. The symposium was published in 1954, and is now being reprinted.

In addition to this series of studies a detailed inquiry into the changing opportunities for secondary education was carried out in Middlesbrough and Watford. This has been described by J. E. Floud, A. H. Halsey and F. M. Martin in a book entitled *Social Class and Educational Opportunity*. The book appeared in 1957. Further, two professions were selected for intensive analysis, namely, the Higher Civil Service and the elementary school teaching profession. The reports on both these professions have been completed and published. The first study—*The Higher Civil Service in Britain*, by R. K. Kelsall—appeared in 1955, while the report on the elementary school teaching profession was published in 1957 in a book entitled *The School Teachers*, by A. Tropp. *The Blackcoated Worker*, by D. Lockwood, a study of the clerks of Britain, was published in 1958. Graduate students also carried out research in the same general field. Thus, Mrs. O. Banks's study, *Parity and Prestige in English Secondary Education*, was published in 1955; Dr. F. Campbell's study of London Grammar Schools appeared in the autumn of 1956; and *Technical Education and Social Change*, by Dr. S. F. Cotgrove, was published in 1958.

A research project in a different field concerns the use made of prison sentences by Magistrates' Courts in England and Wales. This study was directed by Dr. H. Mannheim and was made possible by a three-year grant from the Home Office and the Nuffield Foundation.

In the session 1949-50, the Rockefeller Foundation generously provided funds up to £4,200 per annum for three years for the maintenance and expansion of the Sociological Research Unit. When the grant from the Rockefeller Foundation came to an end, the work continued, financed by a nucleus grant out of School funds and supplemented by other grants received from outside organisations. The headquarters of the Unit are at Skepper House, Endsleigh Street, London, W.C.1, and its functions are (1) to collaborate with the International Sociological Association in the promotion of sociological research in Britain; (2) to prepare and carry out programmes of systematic research for the purpose of filling major gaps in the field of sociology. Under the direction of Professor Glass, the Unit organised, for the Committee of Vice-Chancellors and Principals, a study of the intake into British universities in the session 1955-56, the report on which, prepared by R. K. Kelsall, was published in June, 1957 (*Applications for Admission to British Universities*). The material collected in this inquiry is now being used, with the consent of the Committee of Vice-Chancellors and Principals, as the basis of a follow-up study of a national sample of 6,000 students. The D.S.I.R. provided a grant to cover the costs of this study. The first and second rounds of this follow-up have been completed. Twelve reports based on the analysis of the first

round have been submitted to the Committee on Higher Education, at their request, and the rest of the analysis of this stage of the inquiry was completed by the end of 1962. Preliminary reports deriving from the second round are also being prepared. The material as a whole is now being revised for publication.

The Population Investigation Committee, a research group concerned with the study of demographic questions, 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*.

The Committee continued, until 1955, to receive grants from the Nuffield Foundation, and still receives an annual grant from the Population Council Incorporated of New York. In addition, the Ford Foundation generously gave £10,000 in 1954 for the continuation of the National Survey of the Health and Development of Children, a survey carried on in co-operation with the Institute of Child Health and the Society of Medical Officers of Health. There have been further grants from the Nuffield Foundation, the Population Council and more recently from the Department of Scientific and Industrial Research and the Home Office and it will now be possible to continue the survey until the children reach the age of 20 years. Reports on the survey include 24 published papers and two books, the second of which, *Children under Five*, by J. W. B. Douglas and J. M. Blomfield, appeared in the Spring of 1958. A third volume covering the preliminary school period has been completed. The further extension of this follow-up study will continue to be under the direction of Dr. J. W. B. Douglas and will be carried out through the new unit of which he is in charge, established by the Medical Research Council at the School.

The Population Investigation 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. One of these—"The resort to divorce in England and Wales, 1858-1957" by G. Rowntree and N. H. Carrier—was published in *Population Studies* in March, 1958. The collection of documentary materials on marriage and divorce has now been completed, and much of the analysis has been undertaken. In addition, grants from the Rockefeller Foundation and other bodies have made it possible to complement the documentary study by a stratified sample survey, covering a national sample of 3,000 households. This survey, multi-purpose in character, covered not only a number of aspects of marriage

but also detailed questions on fertility and birth control. Much of the material has now been analysed and several papers have appeared, dealing in particular with the changing incidence of birth control practice in Great Britain.

Another major inquiry, supported by grants from the Rockefeller Foundation and from the Nuffield Foundation, consists of a demographic study of the British Peerage, covering a period from the beginning of the 17th Century to the early 20th Century. This study should be of fundamental importance as a contribution to historical demography, since the peerage material constitutes the only large collection in Britain of reasonably reliable data extending over a long period of time. The extraction of the basic data was completed in 1962 and a comprehensive report has now been prepared.

The **Medical Research Council Unit** was established at the School in April 1962 to study the environmental aspects of mental and physical illness. The Director is Dr. J. W. B. Douglas.

The work of the Unit is, at the moment, centred on the National Survey of Health and Development, which has already been mentioned under the heading of the Population Investigation Committee. The main studies now in progress are as follows:—

Miss Jean Ross is examining the achievement and ability of the children now aged seventeen who are still at school. Mr. D. M. Nelson, with the help of Youth Employment Officers throughout the country, is looking at further education and apprenticeship among school leavers and at the types of job they have taken and their reasons for taking them. This study is largely financed by grants from the D.S.I.R. Mr. D. G. Mulligan is studying all young people in the survey who come before the courts, in terms of their home background and emotional adjustment. This part of the work is supported by a grant from the Home Office.

The work of the Unit is now being extended by two field studies in an area in Essex. Dr. J. E. Cooper is developing methods for recording obsessional symptoms among housewives and their husbands and relating these to other characteristics of the families. Dr. Annette Lawrence, working in the same area, will be shortly starting an investigation into social class differences in the early upbringing of children and in the methods used to discipline them.

The **Research Techniques Division** is concerned with research into statistical methodology, particularly in relation to economics and the social sciences. Its current work falls mainly under the following headings: (1) statistical methodology, (2) operational research, (3) computational methods, and (4) bibliographical work.

Statistical Methodology

A large number of studies are undertaken on statistical method, sometimes prompted by practical problems arising in the School's research, sometimes because a member of the Division is interested in some theoretical aspect of the subject for its own sake. Much of this activity is concerned at the present time with the analysis of time series and with the fitting of econometric models.

Operational Research

Operational Research may be briefly defined as the development of scientific methods in problems of industry, commercial and social activity. A number of research projects on the theory and applications of mathematical programming and on queueing congestion and storage are being currently pursued. The School's interest in Operational Research has led to a development of teaching in this subject and a post-graduate Diploma in Operational Research has been in successful operation for two years. In addition a number of short courses on a variety of topics in the area have been held from time to time and have proved extremely popular.

Computational Methods

Teaching in computational methods has now formed, for some years, a regular part of the undergraduate curriculum. Developments in postgraduate teaching and research are being pursued with the following aims:

1. to provide, within the Research Techniques Division, a central computing service for various departments of the School;
2. to engage in research on computer applications to the social sciences;
3. to investigate and develop the use of the computer as a mechanised teaching aid;
4. to engage in basic research in computer science in such areas as programme structure, integrated computer systems, information retrieval, artificial intelligence;
5. to organise and co-ordinate generally the teaching of courses at all levels related to computers.

Bibliographical Work

A number of independent bibliographies have been compiled by members of the Division, for example on queueing theory and on the life-testing of industrial equipment. The Division assisted in founding a

new journal of Statistical Abstracts on behalf of the International Statistical Institute, and among other things is at present engaged on the preparation of a comprehensive bibliography of papers on statistical method and probability from the 16th century up to the end of 1958. The first volume of this, covering the years 1950-58, has just been published, and the second, covering 1940-49, will be published shortly.

A grant of £2,000 from the Elmgrant Trust, supplemented by the Department of Sociological and Demographic Research, enabled an electoral survey to be carried out in Greenwich in 1950. This was published by Routledge and Kegan Paul under the title *How People Vote: A Study of Electoral Behaviour in Greenwich*.

Between 1950 and 1958 the Passfield Trustees made an annual grant of £1,000. This was used to finance a number of research projects undertaken at first by members of the teaching staff and then, from 1953 onwards, by specially appointed Webb Research Fellows. The following studies have been completed: *Trade Union Government and Administration in Great Britain* by B. C. Roberts, published by G. Bell & Sons Ltd. in 1956 and reprinted in 1957; *Power and Policy in the U.S.S.R.* by G. R. A. Conquest, published by MacMillan & Co., 1961; *The Management of Capital Projects* by R. J. S. Baker, published by G. Bell & Sons Ltd. in 1963.

A further grant in 1960 of £1,000 a year for two years, from the Passfield Trustees, permitted the award of a Research Fellowship in Government and Public Administration in the Commonwealth to Mr. D. C. Potter. The results of Mr. Potter's research will be published in a book entitled *Government in Rural India*.

The Columbia University Research Programme on the History of the Communist Party of the Soviet Union (financed by the Ford Foundation) made an initial grant of £1,500 in 1956 to enable Mr. L. B. Schapiro to write a one-volume history of the Communist Party of the Soviet Union. This was published under the title *The Communist Party of the Soviet Union* by Eyre and Spottiswoode in 1960. An additional grant of £1,750 was subsequently made and was used to enable Dr. S. V. Utechin to conduct detailed researches into the early history of the Soviet Communist Party in preparation for a book which will in due course be written by Mr. Schapiro on "The Origins of Bolshevism in Russia."

Successive grants from the Nuffield Foundation of £2,500 in 1958, £3,500 in 1959, £5,000 in 1960 and £5,000 in 1962, and two grants of £1,000 from the City Parochial Foundation have enabled the Greater London Group (a group of teachers in the School from several different disciplines under the Chairmanship of Professor W. A. Robson) to carry out research in the Greater London area. Written and oral evidence was presented to the Royal Commission on Local Government in Greater London during 1959.

Following the publication of the Commission's Report, the Group organised a series of public lectures, by its members and others, on some of the problems dealt with, and these formed the first seven in a series of "Greater London Papers," published by the School. Criticisms were made of several of the proposals in the Report and subsequently of the Government's White Paper and the Bill, and these were submitted in the form of Memoranda to the appropriate quarters. The eighth "Greater London Paper", "A Metropolis Votes", is a study in depth of the L.C.C. election of 1961, and a further piece of research carried out for the Group by S. K. Ruck, one of its Research Officers, has been published in book form early in 1963 under the title "London Government and the Welfare Services".

Research is now continuing into a number of subjects dealing with the future government of Greater London. These subjects include the delimitation and mapping of a provisional boundary for a London and South Eastern region, with a discussion of the criteria for determining such a region, to be published as a Greater London Paper; maps of the intercensal population changes within the region; a study of the transport problems in Greater London; a study of the particular problems comprised in the Central London area; case studies in secondary education in two County Boroughs in the Greater London region; a study of the relevant criteria for deciding the optimum size of a borough in Greater London; a study of the administrative, geographical and industrial factors which have limited the success of the expanded towns policy; a study of local government provision and support of entertainment and the arts in Greater London.

The Group is furthermore undertaking a study of the growth and social and economic structure of the "London Region", an area provisionally defined by the Group as comprising the whole of the present counties of Essex, Hertfordshire, London, Middlesex, Surrey, east and west Sussex and parts of Bedfordshire, Berkshire, Hampshire and Oxfordshire, with a population of 14 million. The question of submitting evidence to the Local Government Commission in this connection is under consideration.

Since 1947 the School has, for the first time, been in a position to assist research out of its own income. A central Research Committee has been established which advises the Governors of the School upon the allocation of funds available for research. It is in this manner that the five research divisions—the Economics Research Division, the Geographical and Anthropological Research Division, the Government Research Division, the Legal Research Division and the Social Research Division receive money for projects sponsored by them.

No survey of research work pursued at the School, however brief, would be complete without reference to the studies undertaken by graduate students. Some indication of their range and of the facilities provided by the School may be obtained from the School's pamphlet *The Graduate School*. The number of students registered for graduate study at the School was nearly 1,000 in the session 1962-63.

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