



Archives
C.I.





VISIT OF THE CHANCELLOR TO THE SCHOOL
23 February 1960

Queen Elizabeth The Queen Mother, Chancellor of the University of London, in the Library with the Director and a student.

The London School of Economics and Political Science

A School of the University of London



CALENDAR

1960-61

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

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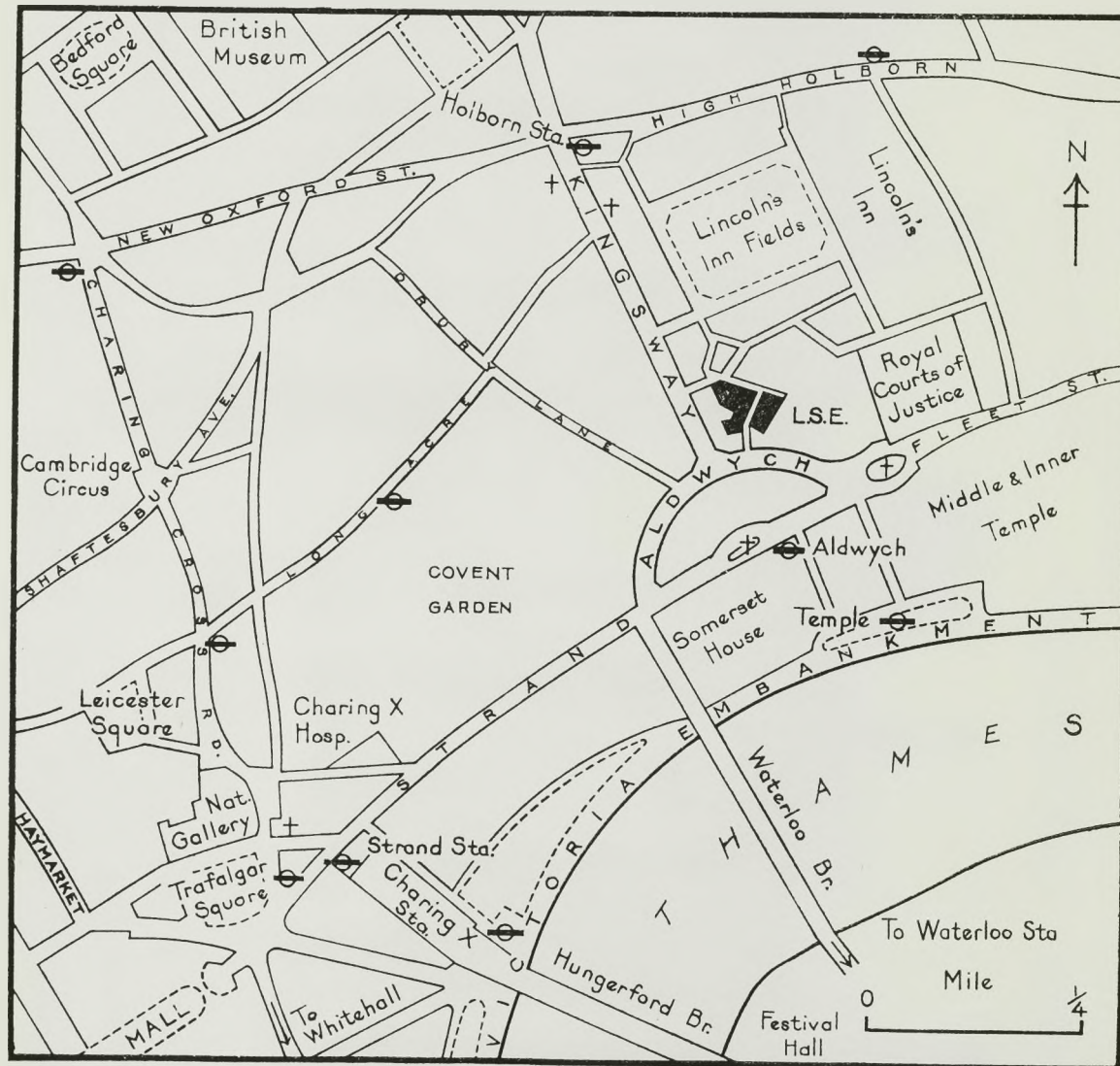
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LOCATION OF THE SCHOOL



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

Telephone Number: Holborn 7686.

Telegrams: Poleconics, Estrand.

Office Hours: Enquiries may be made at the Registrar's Office during the following hours:

Monday to Friday: 10.30 a.m. to 12.30 p.m.; 2 p.m. to 4.30 p.m.
and, in addition, in the Michaelmas and Lent Terms: Tuesday and Thursday: 5 p.m. to 7.15 p.m.; in the Summer Term: Thursday 5 p.m. to 7.15 p.m.

Official Publications:

Calendar of the School [paper-bound, 6s. 6d. (7s. od. post free), bound in boards, 8s. od. (8s. 9d. post free)].

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

Handbook of Undergraduate Courses.

The Graduate School.

Department of Business Administration.

Course in Industrial Financing.

Diploma in Economic and Social Administration.

Economics for Engineers and Applied Scientists.

Joint Postgraduate Studies in Technology, Economics and Administration.

The Universities and the Accountancy Profession.

Department of Social Science and Administration.

Mental Health Course.

Personnel Administration Course.

The Course in Applied Social Studies.

Certificate in International Studies.

Trade Union Studies.

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

DATES OF TERMS

1960-61

MICHAELMAS TERM: Wednesday, 5 October to Tuesday, 13 December 1960.

LENT TERM: Wednesday, 11 January to Tuesday, 21 March 1961.

SUMMER TERM: Wednesday, 26 April to Tuesday, 4 July 1961.

1961-62

MICHAELMAS TERM: Wednesday, 4 October to Tuesday, 12 December 1961.

CALENDAR 1960-61
(University functions in Italics.)
OCTOBER 1960

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

NOVEMBER 1960

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

DECEMBER 1960

1	Th	
2	F	
3	S	
4	S	
5	M	Publications Committee, 2.30 p.m.
6	Tu	
7	W	Graduate School Committee, 2 p.m. Appointments Committee, 4.30 p.m.
8	Th	Court of Governors, 5 p.m.
9	F	Oration Day
10	S	
11	S	
12	M	
13	Tu	Standing Committee, 5 p.m. School Michaelmas Term ends
14	W	<i>University Michaelmas Term ends</i>
15	Th	
16	F	
17	S	
18	S	
19	M	
20	Tu	
21	W	
22	Th	
23	F	
24	S	
25	S	Christmas Day
26	M	Boxing Day
27	Tu	
28	W	
29	Th	
30	F	
31	S	

JANUARY 1961

1	S	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	Tu	
11	W	Lent Term begins. Graduate School Committee, 2 p.m. Appointments Committee, 4.30 p.m.
12	Th	
13	F	
14	S	
15	S	
16	M	
17	Tu	Standing Committee, 5 p.m.
18	W	Library Committee, 2 p.m.
19	Th	
20	F	
21	S	
22	S	
23	M	
24	Tu	
25	W	General Purposes Committee, 2 p.m.
26	Th	
27	F	
28	S	
29	S	
30	M	
31	Tu	

FEBRUARY 1961

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

MARCH 1961

1	W	<i>Board of Studies in Economics, 2.30 p.m.</i>
2	Th	
3	F	
4	S	
5	S	Academic Board, 2 p.m. Publications Committee, 4.30 p.m.
6	M	
7	Tu	
8	W	
9	Th	
10	F	
11	S	
12	S	Standing Committee, 5 p.m. <i>Presentation Day.</i> Graduate School Committee, 2 p.m.
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	S	School Lent Term ends <i>University Lent Term ends.</i> Appointments Committee, 2 p.m.
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	S	Good Friday
27	M	
28	Tu	
29	W	
30	Th	
31	F	

APRIL 1961

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

MAY 1961

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

JUNE 1961

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

JULY 1961

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

PART I
GENERAL INFORMATION

THE COURT OF GOVERNORS

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L. FARRER-BROWN, C.B.E., B.Sc.Econ., J.P.

¹Representing the London County Council.

³Representing the London School of Economics Society.

⁴Representing the Senate of the University of London.

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¹Representing the London County Council.²Representing the Academic Board.⁴Representing the Senate of the University of London.

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 The Hon. J. WEDGWOOD, B.Sc.Econ.

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(* Members of the Academic Board. † Representatives on the Academic Board of the junior staff.)

The London School of Economics and Political Science is a recognised School of the University in the Faculty of Arts (for the Honours subjects of Anthropology, Geography, History, Philosophy and Economics, and Sociology), in the Faculty of Laws, and in the Faculty of Economics and Political Science (including Commerce and Industry). The members of the staff listed below may give instruction in the subjects following their names in one or more of these Faculties.

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F. W. BLACKBURN, NORA C. F. BLACKLOCK (*Superintendent of the Lending Library*), F. J. COPELIN, P. DANCE, J. A. DOWNEY, E. W. P. RHOADES, ENID D. RICHARDSON, MRS. JEAN ROBERTSON, B.A. (*Superintendent of the Shaw Library*), JOAN M. WARREN

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 "Main 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 Administration, 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.

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. It should be brought into occupation in October 1961, to provide the first really substantial improvement in accommodation since 1938. By acquiring 16 Houghton Street in 1954, the School became possessed of all the properties adjoining the New Building on the East side of Houghton Street, and it is now possible to plan the development of that area as a whole. The building work contemplated, however, is not likely to be carried out for some years. Between the completion of the St. Clements Building work and the time when the East side of the street can be re-developed, a programme of alterations is planned 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.

The Library is described on pages 206 to 211. 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 continues to appear in *Economica*, as well as in *The British Journal of Sociology*, founded in 1950, which is published quarterly for the School by Routledge and Kegan Paul, Ltd. 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.

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. (See p. 221.)

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. 220.)

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 221.

The School has a large refectory where students may obtain meals at a reasonable cost both in the day and in the evening. An additional

students' dining-room is used as an extension to the refectory and provides students with an excellent room for many social functions. Light meals are also served in cafés in the main building and in the Students' Union building.

A psychiatric advisory service for students has been established in the charge of Dr. J. C. Read, who attends the School for consultation by students who feel the need for psychiatric treatment. 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 1958-1959

In 1958-59 the School has continued its growth and development on lines already established. Although the pressure of applications for admission has been stronger than ever, no substantial increase in total numbers is at present contemplated. Some new departures have been possible, however, and these have been concentrated in the international activities of the School.

THE NEW FORD GRANT

It was briefly noted in last year's Report that the School had been promised a grant from the Ford Foundation of \$250,000, to be spread over five years, in furtherance of its international activities. It was later agreed with the Foundation that the period of expenditure of this grant might start on 1 October 1959, since the preliminary consideration of how to distribute the funds occupied most of last session. After full discussion within the School it was agreed to use the money for three main objects: first, the establishment of a new course in economic and social administration designed for postgraduate students from underdeveloped countries; second, the facilitation of overseas visits by teachers from the School and visits to the School by teachers from other countries; and third, research in the international field. The first task is expected to absorb approaching half the total funds and the other two about equal shares of the balance, but no attempt has been made to divide up the whole precisely at this early stage.

The proposed new course has been very extensively discussed among the academic staff, among whom it attracted great interest; and this discussion itself has been useful in promoting examination of the needs of students aiming at administrative careers in comparatively undeveloped countries, the parts to be played respectively by the study of basic ideas in economics, social anthropology, etc., and instruction in particular techniques of administration or policy, and the special requirements by way of "orientation" of overseas students coming to this country for the first time. It is to be hoped that the ideas thus developed will be fruitful in the more general teaching activities of the School in relation to such students. As to the new course itself, agreement has now been reached on a syllabus containing a judicious mixture of the theoretical and the practical. It will make use, as appropriate, of existing lecture courses and will call upon many of the School's teaching staff for some help. It will, however, be regarded as experimental and subject to change on the advice of the three Tutors who are to have primary charge of its organisation.

No formal scheme has been drawn up to cover the proposed assistance to visits to and from the School; the available money will be regarded as a fund to

be called upon as need arises or opportunity offers. It is, however, intended to take the opportunity of facilitating visits by selected members of the staff to one or two regions of the world (e.g. India or the Middle or Far East) where it is particularly important to develop or supplement the expert knowledge available within the School. It is also intended to pay special attention to the promotion of contacts with Western European Universities, with many of which our contact has latterly been much less close than with, say, North America or the Commonwealth countries.

On the research side, it has already been decided to give assistance to several projects, including the completion of a study of Trade Union development in British Colonies by Mr. B. C. Roberts with the assistance of Mr. Warmington (which is being partly financed by contributions from Colonial Development and Welfare funds and from industry); a study, to be spread over four or five years, of comparative public finance in a representative group of countries, under Professor Alan Peacock (formerly of the School, now of Edinburgh) and Mr. J. Wiseman; and somewhat less ambitious projects of study by Mr. E. Gellner in Morocco, Mr. D. Price-Williams in Nigeria, and Dr. A. P. Stirling in Italy.

OTHER DEVELOPMENTS IN THE INTERNATIONAL FIELD

Mention was made also last year of another development in international activity, the new course in Industrial Financing organised in collaboration with the British Council and with the support of various government departments and financial institutions. This shares some features with the projected new course in administration as it is concerned with a particular aspect of economic administration in underdeveloped countries. It is, however, much more concentrated in topic and duration and is designed for students of some maturity and substantial experience in banking and other financial administration rather than for immediately postgraduate students. The first course, attended by fourteen students, was started in January 1959 and can be described without hesitation as a considerable success. No major changes have been made in the second course, starting in October 1959, but Mr. H. B. Rose is considering what changes may need, in the light of experience, to be introduced in the 1960 course.

Yet another development in the international field is the establishment of a new chair in Economics with special reference to underdeveloped countries and the economics of development. This, which has been made possible by the generous offer of a donation of £25,000 by the Institute of Economic Research, fits in well with the general growth of the School and the increasing interest in these aspects of economics but could not have been financed from the School's general funds for some years to come. The offer of funds was made and accepted during 1958-59 but no appointment had actually been made before the end of the session. When the chair is filled it is hoped that it will stimulate still further interest in, and attract further support for, objective research in this important field.

These are new developments; but of course the normal international activities of the past have continued. A number of members of the staff have visited other countries for longer and shorter periods and the School has enjoyed the benefit of many visitors from Universities overseas. Lists of the more extended

or significant visits are attached. I myself made visits to the Scandinavian countries and Finland, particularly to discuss the working of our existing system of exchanges with those countries known as the Northern Studies scheme, and to some of the Universities in Western Germany and West Berlin. I hope that the contacts thus strengthened will lead to further and more frequent exchanges.

During these visits and in other connections there has been discussion of the promotion of contacts with Universities in the more developed countries and of the steps on which the School can most usefully concentrate. International exchanges can take place at the level of undergraduates, postgraduate or research students and teaching staff. Many students still need or wish to come to this country from underdeveloped areas for undergraduate study, but countries which have a well-developed University system will normally provide their own undergraduate education. It is possible, under the regulations of some overseas Universities in Germany, the U.S.A. and elsewhere for a student to get credit for time spent at another University and the School, like other institutions, is happy to accept undergraduates in that position; but it is not generally possible, under British University practice, for undergraduates here to do any part of their courses overseas. At the graduate level there is likely to be much more movement and interchange. Its encouragement is partly a matter of funds to provide studentships and research awards but that is by no means all the story. If more overseas students are to be attracted here it is necessary to have the teaching facilities to cope with them. If more United Kingdom students are to be encouraged to do postgraduate work overseas we need more knowledge and close contact with foreign Universities so as to know where to advise them to go.

It will be seen from the usual tables attached to this report that overseas students total about one-third of our regular students and that they come from a very wide range of countries. The numbers applying for admission are of course far greater. Nearly two-thirds come from what are normally classified as underdeveloped countries and about one-third from the more developed, particularly North America and Europe. It is worth remembering that most of the cost of providing facilities for these overseas students falls in the end on the taxpayer; broadly a third of the State grant to the School can be regarded as an addition to the British contribution to international aid. Such being the existing position it does not appear that, so far as the School is concerned, there is any pressing general need to offer financial assistance by way of studentships to overseas students, though it would certainly be useful to be able to do that in some special fields. Indeed, from our particular point of view, doubts must be felt whether the recently announced new scheme of Commonwealth studentships is not seriously incomplete so long as it concentrates on enabling students to come to this country without also adding to the facilities available to deal with them when they arrive. As already indicated the School's problem is that it is already rejecting applications for admission to postgraduate study because of lack of teachers to supervise, while the continued growth of the numbers of postgraduate students intensifies the shortage of library space and other physical facilities.

Nor can it be regarded as necessarily a part of the duties of the School to provide financial assistance for our undergraduates to pursue further study at overseas universities. The contribution we can make to that particular form of inter-

national exchange must rather be by way of advice in the selection of a place of overseas study. If advice of that kind is to be soundly based it must depend on intimate and up-to-date knowledge of work going on elsewhere, derived largely from contact at the teacher level. It would, indeed, seem that the greatest need at present is the filling in of gaps in present arrangements for contact and interchange between teachers in universities of different parts of the world. An examination of the lists of grants of leave of absence to members of the School's staff and of academic visitors from overseas will show that in each case the area of contact is a good deal narrower than the area from which the School draws either undergraduate or postgraduate students. It is indeed largely limited to the United States, the more developed Commonwealth countries and the Northern countries. It seems a reasonable conclusion that both for its own sake and because of the influence it may have on student exchanges at postgraduate level the field in which we can most usefully at the moment concentrate our efforts to promote international exchanges is among the teaching staff and with particular reference to exchanges with European countries.

A proposal which has been put to the School several times from different quarters is that we should enter some form of special relationship with one or more overseas universities with a view to regular and systematic exchanges of students or staff. We have, however, felt that there would be strong objections to any concentration of exchange arrangements on individual institutions and that it is much better that we should be at liberty to arrange visits or other exchanges with any institutions of comparable status in other countries without being limited by any formal agreements. Arrangements of this kind have no doubt been useful in the special circumstances of particular overseas institutions but in the main only when some other university has been prepared to act as a general sponsor of new developments, rather than in the general promotion of intellectual interchange which is the prime objective of the kind of exchanges we have at present in mind.

STAFF CHANGES

I turn from these general discussions to a recording of the detailed events of the year. A list is attached of retirements, resignations and new appointments. We have been fortunate that, although even with the increased grant made available last summer the annual grant from the University Grants Committee still does not enable us to carry on anything like the full development programme envisaged for the current quinquennium, we have been able to make some additions to the teaching staff in 1958-59 and look forward to a few more additional appointments in the sessions 1959-60 and 1960-61. The prime purpose of these has been the general strengthening of the teaching staff, although much more strengthening would be needed to bring the undergraduate teaching up to the level which we should desire. We have again been somewhat disappointed by the high percentage of failures in the Part I examination for the B.Sc.(Econ.) and this has emphasised the need for the strengthening of the basic teaching staff. Our ratio of staff to students is still much below the average of United Kingdom Universities.

We have suffered some losses by retirement or resignation. Professor Sir

David Hughes Parry retired at the end of the session after a long and distinguished tenure of the Professorship of English Law, in the course of which he had built up the law teaching of the School to a level at which it could challenge comparison with any Law School in this country. Sir David had also played an active and distinguished part in the general affairs of the University of London, including service as its Vice-Chancellor, and was Director of the Institute of Advanced Legal Studies. His retirement was marked by the presentation of a bust, the work of Mr. David Wynne, which was subscribed for by a number of Sir David Hughes Parry's friends and former colleagues and students. Three casts of the bust were made, one for the School, one for the Institute of Advanced Legal Studies, and one for Sir David Hughes Parry himself, the presentation being formally made by Lord Birkett, Chairman of the Court of the University, at the School.

The School has also suffered the loss by resignation of Dr. J. R. Raeburn and Mr. J. S. G. Wilson on their appointments to be respectively Professor of Agriculture in the University of Aberdeen and Professor of Economics in the University of Hull. Dr. Raeburn's appointment is perhaps especially noteworthy as a recognition of the importance of economics in the whole subject of agriculture. Among new appointments those to be specially noted are of Master Wheatcroft as Professor of English Law in succession to Sir David Hughes Parry, Mr. S. A. de Smith as Professor of Public Law and the conferment of title of Professor of Law on Mr. J. A. G. Griffith.

The School as a whole noted with great pleasure the conferment of a Life Peerage on Professor L. C. Robbins. We feel honoured that one of our teaching staff should be among the first recipients of this new distinction, and that he has elected to be known in his new status as Lord Robbins, of Clare Market.

RESEARCH

The extensive research activities of the School were described at some length in last year's report. They have continued in full vigour. The work of the Research Techniques Unit, now known as the Research Techniques Division, has continued along previous lines, as have the new developments in criminological research. The London Group which, as recorded last year, had embarked on research with a view to submission of evidence to the Royal Commission on the government of Greater London, has completed its work and a memorandum of evidence has been submitted to the Royal Commission. Towards the end of the academic year the School received notification of a decision in principle by the Rees Jeffreys Trust to offer to the School an annual sum of £5,000 a year for a period of seven years in the first instance in order to finance the establishment of a Research Fellowship in the Economics of Transport. The precise details of this new Fellowship were still under discussion with the Rees Jeffreys Trust at the end of the year.

OPERATIONAL RESEARCH

The Research Techniques Division has been active during the last session in the development of the study and teaching of Operational Research. A vacation course was organised during the Easter vacation in combination with the Opera-

tional Research Society and during the Summer Term a special experimental course was provided for a group of employees of British Petroleum Ltd. It would not, of course, be the policy of the School to provide as a regular feature courses limited to the employees of any one concern but it was thought entirely proper to accede to the request of British Petroleum Ltd., to organise this course as an experiment and on a financial basis which ensured that no cost fell on School general funds. The experiment is believed to have been successful and proposals are already under consideration for further courses of a similar kind.

LIBRARY

The Library has continued to be very well used and in order to give some relief to the pressure on seating accommodation pending the addition of more space (which will follow on the reallocation of space in the main building after the effective occupation of the St. Clements Building), the previous seating arrangements in several rooms of the Library have been reorganised so as to provide a total of 52 additional seats. Progress has been made in catching up with arrears of cataloguing and arrangements have been made for the publication of a catalogue of the Library's book collection.

DONATIONS

Mention has already been made of the grant from the Ford Foundation in support of the School's international activities and of the offers of funds to provide for the establishment of a new Chair in Economics with special reference to under-developed countries and economic development and a Research Fellowship in the Economics of Transport. Details of other donations or promises received during the year are contained in a list attached. In addition to a number of grants for specific pieces of research they include the following:—

- (i) Manor Charitable Trust—a donation of £500 to enable suitable graduates in need of financial help to attend the course in Business Administration;
- (ii) Donations totalling £23,100 spread over periods ranging from three to ten years, towards the cost of capital expenditure and special scholarships in connection with the development of statistics and computational methods;
- (iii) A grant of £6,000 from the Rockefeller Foundation to provide for the continuance of awards for Junior Fellowships in International Studies.

Donations totalling £1,050 have also been made to establish a Malinowski Memorial Lecture in memory of Professor B. K. Malinowski, Professor of Anthropology in the University of London from 1927 to 1942. Arrangements have been made for the first such lecture to be given by Dr. E. R. Leach on 3 December 1959.

STUDENT AFFAIRS

The usual lists of degrees awarded are attached and call for no special comment. Non-academic student activities continued in full vigour and relations between the School authorities and the Students' Union have continued to be good. During the session the President and Council of the Students' Union made a considerable effort to revive the debating and general discussion activities of the Union and

have invited a number of outside speakers to participate in such debates and initiate discussions. It is to be hoped that these efforts will be continued and will prove successful in reviving this very valuable form of student activity. The various clubs and societies operating under the Students' Union and the Athletic Union have on the whole had a very successful year.

Open Day was held at Malden on 13 June. Unfortunately attendance at Open Day by members of the staff and Governors of the School continues to be a good deal less than could be desired.

The special scheme of scholarships for students with mathematical training has already been mentioned above and is being brought into operation in 1959-60.

HONORARY FELLOWS

The Court of Governors decided two years ago to institute a body of Honorary Fellows of the School with the aim of recognising former students or others closely connected with the School, who have achieved special distinction. The first elections to these Honorary Fellowships were made by the Court on 4 December 1958, and the Fellows then elected were:—

The Right Hon. Earl Attlee
 The Right Hon. Lord Beveridge
 Sir Alexander Carr-Saunders
 Mr. S. P. Chambers
 Mr. W. F. Crick
 Mrs. H. R. M. Croome
 Mr. W. M. Dacey
 The Right Hon. Lord Dalton
 Sir Theodore Gregory
 The Right Hon. Aubrey Jones
 Sir Hersch Lauterpacht
 Professor W. A. Lewis
 Mr. G. L. Mehta
 Sir Otto Niemeyer
 The Hon. The Chief Justice Olshan
 The Right Hon. Lord Piercy
 Professor Sir Dennis Robertson
 Mrs. M. D. Stocks
 Professor R. H. Tawney
 Dr. G. Tugendhat
 Professor Jacob Viner

It is the intention to hold an Annual Dinner of the Fellows and the first such dinner was held in February last, when the reply to the toast of the Fellows was made by Lord Attlee.

WEBB CENTENARY

1959 was the centenary of the birth of Sidney Webb, to whose initiative the School owes its existence, and the occasion was marked by the giving of two public lectures. The first, given on the actual date of the centenary, 13 July,

was given by Lord Attlee on *Sidney Webb and Social Progress*, and the second on the following day by Lord Beveridge on *Sidney Webb and The London School of Economics*. It is hoped to arrange a more extended course of lectures in which an attempt will be made to review in detail the joint work of Sidney and Beatrice Webb in a number of fields of social study and social policy.

BUILDINGS AND FURNISHINGS

A number of building operations involving modifications to the existing buildings were completed during the year, including the bridge across Houghton Street connecting the main building and the East Wing, a new front entrance, modifications to the refectory and the Barley Sugar Room and an enlargement of the basement storage. Also during the year the East Wing lift was converted to automatic operation and part of the wall of the main building was strengthened in preparation for the building of a second bridge across Clare Market to St. Clements Building when that comes into use. The preparatory planning work for the conversion of the St. Clements Building was completed under the direction of the Building Committee and at the end of the academic year tenders had been invited in the expectation that work could commence on the preliminary stages during the late autumn of 1959 when it is expected that the building will be handed over to the School.

The physical facilities of the School have also been improved during the year by gifts from the Friends of the London School of Economics of a new table and chairs which will add substantially greater dignity to formal occasions in the Old Theatre and of roof garden furniture which has made the new roof garden at third floor level particularly attractive and extremely well used during this year's exceptionally good summer.

COURT OF GOVERNORS

During the year additional members have been appointed to the Court of Governors:—

The Right Hon. the Countess of Albemarle, D.B.E.
Mr. Victor Feather
The Right Hon. the Earl of Halsbury
Mr. Bernard Hollowood.

Lord Piercy and Sir Geoffrey Crowther resigned from the Standing Committee and Sir Jock Campbell and Mr. S. P. Chambers have been appointed in their place.

OBITUARY

We have learnt with deep regret of the death during the year of a number of people connected with the School. A list is attached. It includes the name of Lady Beveridge who, as Mrs. Mair, held the post of Secretary of the School for a period of 18 years and who contributed greatly during that period to building up the size and reputation of the institution. Several members of the staff attended a Memorial Service for Lady Beveridge at University College, Oxford, at which, at Lord Beveridge's request, I delivered a memorial address.

OBITUARY

The School records with deep regret the deaths of:—

THE RIGHT HONOURABLE LORD AMMON, a Governor of the School from 1944 to 1960.

FREDERICK BROWN, a student of the School from 1919 to 1922; a member of the staff from 1923 to 1929 and again from 1931 until his death; Reader in Commerce since 1945.

SIR CORNELIUS GREGG, a Governor of the School from November 1939 to November 1955, and Vice-Chairman of the Court of Governors from March 1949 to June 1952.

SIR HERSCH LAUTERPACHT, a student of the School from 1923 to 1925; Lecturer in Public International Law from 1927 to 1935; Reader in Public International Law from 1935 to 1938; and an Honorary Fellow of the School.

JILL DOROTHY ADAMS (née Raikes), a student of the School from 1944 to 1947.

CHRISTINE GILLIAN ALLEN, a student of the School since 1957.

MABEL HEPHZIBAH COWLIN, a student of the School from 1913 to 1914.

SAAD ED DIN ISMAIL FAWZI, a graduate student of the School from 1954 to 1955.

PETER CASTLE FLOUD, a student of the School in the Lent and Summer Terms 1934.

JOHN MATTHAI, a graduate student of the School from 1913 to 1915.

SUSANNAH ETHEL PINNEY, a student of the School from 1922 to 1924.

ALBERT GEORGE RANSON, an undergraduate student of the School from 1934 to 1938 and a graduate student from October 1952 to December 1959.

SAMUEL SHEKHORY, a student of the School from 1923 to 1927.

SYDNEY BERARD TAYLOR, a student of the School from 1925 to 1930.

ISABEL WALKER, a student of the School from 1928 to 1930.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES AWARDED IN 1959

(a) Awarded by the School

Entrance Scholarships and Bursaries

Leverhulme Scholarships

ANTHONY JAMES FIELDING (King's School, Macclesfield).
MICHAEL ROBERT EDWARD STARKEY (Woodhouse Grove School).
PETER WILLIAM GEORGE WRIGHT (Steyping Grammar School).

Entrance Scholarships

ALAN COOPER (Ilkeston Grammar School).
JOHN GARDNER (Southshields Grammar-Technical School).
AMMAR SIAMWALLA (St. Paul's School, Darjeeling).

Whittuck Scholarship in Laws

ROBERT CHESTERS ELLIOTT (Purley Grammar School).

Scholarships in Statistics and Computational Methods

THOMAS CHARLES EVANS (Sutton County Grammar School).
ROGER MARK HEELER (Wintringham Grammar School).
COLIN GILBERT PEACHEY (St. Dunstan's College).

Christie Exhibition

SIMON ARTHUR JOHN PRATT.

Leverhulme Adult Scholarships

DEREK JOHN FECHNEY.
KENNETH KEIR SILLITOE.

Undergraduate Awards

Scholarship in Laws

GEOFFREY DE NYST CLARK.

Leverhulme Undergraduate Scholarships

NEVILLE VICTOR ABRAHAM.
CLAUDETTE BLAYDON.
KEITH IGNATIUS GILFILLIAN.
GERALD EUGENE LEVENS.
JUDITH ANN MATHEWS.
MAUREEN MARGARET MURPHY.
RANDOLPH LAMBERT WILLIAMS.

Rosebery Undergraduate Scholarship

JOHN EDWARD MICHAEL MOORE.

Lilian Knowles Memorial Scholarship

JOHN LAURENCE HAYES.

Harold J. Laski Scholarship

Not Awarded.

Undergraduate Awards—*continued*

Scholarship in International Law

WALDO EMERSON RAMSEY.

S. H. Bailey Scholarship in International Studies

CHRISTOPHER DAVID LEE.

Graduate Awards

Leverhulme Research Studentships

CHARLES DONALD HILL.
BETTY ANGELE SHAER.
BRENDA AUDREY SWANN.

Graduate Studentships

PERCY SAUL COHEN.
TURAYUR ANATHAN RAMASUBBAN.

Rees Jeffreys Studentship

JAMES BELL HOGG (Awarded 1958).

Research Studentship for Oversea Students

BRUCE EVERETT HURT.

Montague Burton Studentships in International Relations

TALBOT WISTAR HUEY.
VERONICA MAGDALENE KEATING.

Leverhulme Studentships for Special Courses

HILARY ANN CHANTLER.
JUDY PAULINE SMITH.

Leverhulme Graduate Entrance Studentships for Oversea Students

JOHN ALEXANDER GORDON GRANT.
ROBERT COPELAND REPETTO.

Graduate Bursaries

PIERO BOLCHINI.
RICHARD JEREMY BRISTON.
DAVID JOHN HARRIS.
IAN CHARLES JARVIE.
PATRICK THOMAS COLUM KING.
BENJAMIN OBI NWABUEZE.
SUNIL RAI-CHOUDHURI.

Medals and Prizes

Farr Medal and Prize

TERENCE MICHAEL FREDERICK SMITH.

Gonner Prize

Not Awarded.

Hobhouse Memorial Prize

MICHAEL DAVID KING.

ACADEMIC AWARDS

Premchand Prize

JOSHUA OBASANMI WILSON OLAKANPO.

Mostyn Lloyd Memorial Prize

JOHN COURTNEY HAINES.

Raynes Undergraduate Prize

JOHN JAMES THOMAS.

Bowley Prize

Not Awarded.

Allyn Young Prize

JOHN JAMES THOMAS.

Director's Essay Prizes*1st Prize:* Not Awarded.*2nd Prize:* ANTHONY THOMAS RATLIFF.**Rosebery Prize**

Not Awarded.

Gladstone Memorial Essay Prize

ERIC PETER MAURICE WOLLASTON.

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

MOHAMMAD NAWAB ALAM.

TOVE KIRSTEN KUPPUSAMY.

Graham Wallas Memorial Scholarship

PETER JAMES SAMUEL.

Metcalfe Scholarship for Women

MARY CATHERINE HOLLAND.

Metcalfe Studentship for Women

CONSTANCE MARY DAWSON.

Leon Fellowship

SHIRLEY LERNER.

Sir Edward Stern Scholarships

ROGER BALLARD UPSON.

RANDOLPH LAMBERT WILLIAMS.

Rotary Golden Anniversary Prize

GORDON DANIELS.

University Postgraduate Studentships

DAVID ALFRED MARTIN.

CHARMIAN SUTTILL.

BARRIE GEORGE JAMES TUCKETT.

Gerstenberg Studentship in Economics

ALAN JAMES BEATTIE.

ACADEMIC AWARDS

University Postgraduate Studentships in Economics

CHRISTOPHER ANTHONY BALL.

FRANCIS JOSEPH EARWAKER.

SAMUEL HOLLANDER.

JOSHUA OBASANMI WILSON OLAKANPO.

DAVID HYWEL REES.

TERENCE MICHAEL FREDERICK SMITH.

DONALD WILKES.

University Scholarship in Laws

MAURICE CHAPMAN CARR.

Bryce Memorial Scholarship

RICHARD GIBBY BOWEN (Held jointly).

(c) Awarded by Outside Bodies**Scholarship at Tulane University, New Orleans**

MICHAEL HEPPNER.

Assistantship at Illinois University

PAUL HOLLANDER.

Canada Council Fellowship

VIVIAN JOAN PALMER.

University Fellowship at Syracuse University

DAVID ERNEST WILLIAM LAIDLER.

Fellowship at Brown University, Rhode Island

GORDON DANIELS.

Research Studentship at the University of California

CHRISTOPHER ANTHONY BALL.

Graduate Assistantship at the University of Georgia

ANTHONY BLACKBOURN.

Harkness Fellowship of the Commonwealth Fund

ROBERT HARVEY CASSEN.

Fellowship in Economics at the University of California

DAVID EDWIN GOODMAN.

Athletic Awards**Steel-Maitland Cup**

BRIAN RALPH WEAKLEY.

Steel-Maitland Cup for Women

JULIE ELIZABETH CHARLES.

Wilson Potter Cup for Athletics

GEOFFREY KEITH ROBERTS.

Ernest Cornwall Cup

ASSOCIATION FOOTBALL CLUB.

ACADEMIC AWARDS

Club Awards

Badminton: Men's Singles

JOHN MICHAEL SKYNNER.

Badminton: Men's DoublesJOHN MICHAEL SKYNNER.
HOWARD LESLIE PHILLIPS.**Badminton: Women's Singles**

JULIE ELIZABETH CHARLES.

S.H. Beaver Cricket Captain's Cup

ROGER MICHAEL BEAUMONT.

Cross-Country Club Cup

MICHAEL FRANCIS BATTY.

Golf: Captain's Cup

JOHN BRUCE MADOC EVANS.

Golf: President's Putter

JOHN LEWELLYN REES.

Golf: President's Brassie

COLIN SYDNEY GEORGE.

Lawn Tennis: Men's Singles.

NOT AWARDED.

Lawn Tennis: Women's Singles

CYNTHIA MARGARET HOLLINGSWORTH.

Squash: Men's Singles

DOUGLAS JOHN CADMAN.

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

PETER JOHN DENNIS THORNE.

440 Yards Challenge Race (Men)

KEITH WILKINSON LUDLAM.

Invitation One Mile Race (Men)

EDWARD CARTNER THOMSON.

Inter-Collegiate Mile Medley Relay Race

IMPERIAL COLLEGE.

Gutteridge Tug-of-War Cup

SERPENTINE CASUALS.

ACADEMIC AWARDS

DEGREES

B.Sc. (Economics) Final Examination

HONOURS

FIRST CLASS

1959

CHRISTOPHER ANTHONY BALL.
ALAN JAMES BEATTIE.
GORDON DANIELS.
WILLIAM BRIAN DAVIES.
JOHN DAVID FROGGATT.
SAMUEL HOLLANDER.
DAVID ERNEST WILLIAM LAIDLER.
GEOFFREY LOCKWOOD.
JOSHUA OBASANMI WILSON OLAKANPO.
DAVID HYWEL REES.
MICHAEL PATRICK RYAN.
TERENCE MICHAEL FREDERICK SMITH.
DONALD WILKES.

SECOND CLASS

*(Upper Division)*JAMES GEORGE ACKERS.
VIVIAN STANLEY ANTHONY.
DONALD GRAHAM BARLOW.
ALEXANDRE BASIL MICHEL BATANERO DE MONTENEGRO.
NORMAN FREDERICK BENNETT.
ANTHONY BLACKBOURN.
RONALD LEWELLYN BONNETT.
JOHN ROBERT BOOTH.
ROBERT CHARLES BREWER.
ALAN JOHN BROSNAN.
HERMAN BRUCE.
CHRISTOPHER FRANCIS BRUTON.
THOMAS WALTER CAMERON.
DOUGLAS VIVIAN ALISTER CAMPBELL.
JOHN DAVID CARR.
ALAN DAVID CHAPLIN.
PETER RIGBY CHAPMAN.
GRAHAME ANTHONY CLARKE.
MICHAEL COHEN.
DAVID MALCOLM CRATON.
JOHN LEWIS CUNNINGTON.
PETER DOUGLAS ROYSTON DAVIES.
DEMETRE NESTOR DEMETRAKOS.
LESLIE ROY DIGHTON.
DONALD GORDON DRAPER.
JUDITH ANNE EBBEN.
JANE ELTENTON.
ANTHONY GEORGE FOGG.
RONALD ARTHUR FOX.
DAVID PHILIP GABRIEL.
MICHAEL GOH KHEN HING.
DAVID EDWIN GOODMAN.
STANLEY FRANCIS GOODMAN.
ROBERT NORMAN HART.
PETER CHARLES LEIGHTON HERDSON.
CYNTHIA MARGARETT HOLLINGSWORTH.
SHEILA LILLIAN HUMPHRIES.

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

1959

VERONICA MAGDALENE KEATING.
 HAROLD MAURICE ALVAN KEENS-SOPER.
 EMILIO MWAI KIBAKI.
 THOMAS HUGH KNOTT.
 CHAND BEHARI LAL.
 DOUGLAS PATRICK LOCK.
 JOHN CRAWFORD MCKENZIE.
 SYED ABDUL RASHID MOINI.
 DIANA MARY TOVEY OLDERSHAW.
 COLIN ALAN PARKER.
 ANDREAS CHRISTODOULOU PATSALIDES.
 DAVID LEONARD MALCOLM PHILLIPS.
 ROBERT MARDEN PIKE.
 MICHAEL RUSSELL PITT.
 MICHAEL MACGREGOR PLACE.
 KENNETH PRANDY.
 BERNARD VICTOR PRIMUS.
 JOHN KENNETH PRITCHARD.
 ANTHONY JOHN PROUDMAN.
 LEONARD WALTER ROSS.
 JOHN ARTHUR SABINE.
 COLIN IAN SADLER.
 JOHN RICHARD SAUNDERS.
 JAMES MICHAEL SEAMAN.
 NAVINCHANDRA CHHAGANLAL SHAH.
 MICHAEL ALAN SILVER.
 GEOFFREY JOHN SKINNER.
 NAOMI JOY SOLOMONS.
 ROY WILLIAM STURGESS.
 FREDERIC DAVID STYAN.
 ARTHUR DAVID TAYLOR.
 GILLIAN THWAITES.
 DENNIS NORMAN TOYE.
 NORMAN REGINALD TRIBBLE.
 TERENCE MICHAEL RAWSON VOKES.
 DENIS ARTHUR WALLIS.
 DEREK JOHN WATSON.
 MICHAEL DENNIS PUZEY WEBB.
 GEOFFREY WHITTINGTON.
 MICHAEL THOMAS WILLIAMS.
 BRIAN YEOMANS.
 CHRISTOPHER DAVID YOUNG.

SECOND CLASS

(Lower Division)

FESTUS IBIDAPO ADESANOYE.
 BARRY MORDICI AINLEY.
 CHARLES ATHERTON AINSWORTH.
 PHILIP ADEBISI AKINYEMI.
 RICHARD MAHLON ALEXANDER.
 ALEX ERIC KWAMIVI ASHLABOR.
 ROSEMARY ANNE ATKINSON.
 CODRINGTON BALL.
 DENNIS RICHARD BARNES.
 MICHAEL FRANCIS BATTY.
 PRISCILLA SUSAN BAX.

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

1959

ROGER MICHAEL BEAUMONT.
 HUGH CHRISTOPHER BEDFORD.
 DIANA BEMBROKE.
 RALPH JOHN BILLINGTON.
 BRIAN LESLIE BOORMAN.
 HAYDN BOOTHROYD.
 COLIN JAMES BOURN.
 STUART ASHLEY BOWES.
 MARGARET BRADNOCK.
 JOHN LOUIS BRAND.
 JOHN FRANCIS HEALD CADMAN.
 DOREEN CAPEWELL.
 IAN STUART CARR.
 WILLIAM JAMES CARTER.
 PETER ERIC GRAVELL CHARLES.
 JOHN CHARMAN.
 JAN-MIECZYSLAW CIECHANOWSKI.
 MAX RAPHAEL COHN.
 PETER BERTRAM CORBIN.
 JOHN MORRIS CROSS.
 KRSTO CVIĆ.
 KOLAWOLE DAISI.
 GEOFFREY BRIAN DANNELL.
 JOHN EDWARD ILLINGWORTH DAY.
 GEOFFREY STUART DUNCAN.
 WALTER ELLIOT.
 KEITH GRAHAM ELLIS.
 BERNARD FABER.
 ANGELO GEORGE ALBERT FARIA.
 JOHN DENNIS FITZGERALD.
 DAVID JOHN FRANCIS.
 WILLIAM MICHAEL GABITASS.
 DENNIS GARLICK.
 ARTHUR GISBY.
 BRIAN CLIFFORD GOODWIN.
 JOHN GREGORY.
 PERCY GRIER.
 FRANCO GROPAIZ.
 PATRICK JOHN HAGAN.
 ALAN EDWARD HALE.
 DAVID MELVYN HANDO.
 DENIS MICHAEL HANNAH.
 GEOFFREY DOUGLAS HARRIS.
 ROY STANLEY HARRIS.
 PATRICIA JOAN HARRISON.
 NEIL HARVEY.
 RAYMOND HEARN.
 CATHERINE DOUGLAS HENDERSON.
 ANTHONY THOMAS HENRY.
 MICHAEL HEPPNER.
 HANIA HEYMANN.
 ROGER JOHN HILL.
 CHRISTOPHER JOHN HOPE.
 MARIE JOSEPH JEAN HOUBERT.
 WALTER ANTHONY HOYLE.
 JOHN HERMANN HUME.
 BRIAN JOSEPH HUMPHREYS.
 FAROUK HUSAIN.

B.Sc. (Economics) Final Examination—continued

1959

STEPHEN HARVEY ISRAEL.
 MARGARET WINIFRED JOLLEY.
 ANTHONY PERCIVAL JONES.
 ROY JONES.
 WILLIAM JOSEPH JORDAN.
 DENIS VERNON JOWETT.
 PRAVIN SHANTILAL KAPADIA.
 HOWARD JOHN KEEN.
 DAVID JOHN LEE.
 SIDNEY MAURICE LEIGH.
 ELIZABETH ANN LONG.
 ROBERT WILLIAM LOVE.
 DAVID RALPH LUFKIN.
 BRIAN ARTHUR MARDALL.
 IAN MARTIN.
 ONKAR SINGH MARWAH.
 WILLIAM ERNEST MASON.
 RICHARD THOMAS MASTERMAN.
 TERENCE EDWARD MELLOR.
 PETER JOHN BRYCE METHVEN.
 VICTOR THOMAS CHARLES MIDDLETON.
 BRIAN DAVID MILLER.
 NUR ALAM MOLLAH.
 PAUL ARTHUR MONAGHAN.
 MICHAEL DANE NICHOLS.
 TREVOR NUTTALL.
 CHRISTOPHER LAURENCE OATES.
 JOHN ALFRED BARRY ORROCK.
 CORNELIUS OLADIPO SUNDAY OSENI.
 YON YAN PAT FONG.
 KENNETH CHARLES PEARMAIN.
 WILFRED PEARSON.
 ROBERT FRANK PICKERING.
 MACIEJ MARJA MAREK POPIEL.
 ANTHONY MARK POWELL.
 DINA NATH PRASAD.
 SHEILA RAUCHMAN.
 DENNIS LESLIE REEVES.
 JOHN CHRISTOPHER RHEAM.
 JOHN DAVID RICHARDSON.
 DAVID ANTHONY ROBERTS.
 JOHN STUART ROBERTS.
 MICHAEL JOHN ROBINSON.
 COLIN DAVID ROWE.
 RONALD CHARLES RUSSELL.
 ALAN JAMES SADLER.
 ROBIN JOHN SCOTT.
 JOLANTA MARIA TERESA SZZANIECKA.
 ANDREW GEORGE SEBASTIAN.
 EDWARD HARVEY SIMPSON.
 ROBERT SPEED.
 COLIN STEVENSON.
 RODNEY JAMES JOSEPH STONE.
 FRANK WILLIAM STONER.
 THOMAS PETER TETLEY.
 GEOFFREY THOMPSON.
 JAMES LAMONT TRASK.
 MARK FRANCIS TIMOTHY URWIN.

B.Sc. (Economics) Final Examination—continued

1959

DOROTHY WHEONYE WADIBA.
 REGINALD WILLIAM WATTS.
 HANNA RENÉE WEICH.
 JOHN PHILLIPS WELDON.
 WILLIAM ALBERT WESSELL.
 PETER WHITEHOUSE.
 JOHN MELVYN WILLCOX.
 MICHAEL BERNARD WOOLF.

PASS

JAMES AKINBOLA ADEBIYI.
 KENNETH JOHN TURNER ASHBOURNE.
 HUGH BAIN.
 PIERO BERTOLOTTI.
 JEMSHED HOMI BILLIMORIA.
 MICHAEL RANDOLPH PETER BLACKENHAGEN.
 JONATHAN ANDREW BODLENDER.
 LESLIE JOHN BOFFIN.
 MARILYN REBECCA BRAVERMAN.
 NORMAN FLETCHER BROMLEY.
 NORMAN FREDERIC CLARK.
 JAMES HOBART CLIFFORD.
 ROBERT COWEN.
 RONALD CRANHAM.
 CHARLES RODENHURST DOBSON.
 PETER JAMES DODDS.
 JOHN EDWARD DRAGE.
 KATHLEEN MAY ELSWORTH.
 CHRISTOPHER MAINWARING EVANS.
 JOHN OLANYAN FAGBULE.
 ALAN ERNEST FLOOK.
 IRENE EMILY FOSTER.
 JOHN DAVID GALE.
 ISOBEL SANCHIA FLEUR GENTRY.
 ABHIJIT GUPTA.
 MARJORIE HELEN HALL.
 NIGEL CARTER HARVEY.
 TERESA SOFIA HAWORTH.
 CELIA SUSAN HECTOR.
 ANTHONY GETHIN HOPKIN.
 PETER HARRY HOWARTH.
 DAVID HOWELL JONES.
 NESTOR EDGAR WALTER JORDAN.
 PAUL WALTER JOHN LOCK.
 MICHAEL MADDEN.
 VICTOR STANLEY MEARON.
 PHIROZE JAL MODI.
 MICHAEL GRAHAME MOORE.
 ANDRÉAS LÉONIDAS PIERRE MOUSOULOS.
 BABALOLA DUROJAIYE ADISA OGBOYE.
 EBUN OLAMIOTAN OMOYELE.
 DHIRAJLAL VITHALDAS PAREKH.
 PETER NIHAL PERERA.
 NASSER POUR-KASHANI.
 PETER DULEEP RAMKEESOON.
 EDWARD GEORGE RASHLEY.

B.Sc. (Economics) Final Examination—continued

1959

ARNOLD ROSENBAUM.
MICHAEL RYAN.
RONALD JOSEPH RYDE.
ELIE SALAMA.
KEITH JOHN SALMON.
MALCOLM PHILIP SCHOFIELD.
APALA SENGUPTA.
ANILKUMAR CHANDULAL SHAH.
SITA SARAN SINGH.
BRIAN GRENVILLE SMITH.
MOEHAMAD SOERAKOESOEMAH.
ANTHONY DAVID SIMEON STIEBER.
PADMA SUNDARAM.
DAVID WILLIAM TAYLOR.
JOHN VAUGHAN.
JOHN DAVID WEAVER.
BRIAN RICHARD WEBB.
JOHN FREDERICK WILLIAMS.
CHARLES ANTHONY WOOD.
ANTHONY DAVID WRIGHT.

B.Sc. (Sociology) Examination

HONOURS

FIRST CLASS

1959

EMANUEL JEHUDA DE KADT.
MICHAEL DAVID KING.

SECOND CLASS

(Upper Division)

SYLVIA ANN BATES.
JOYCE DORIS FAIRMAN.
PHILIP THOMAS KINGSTON.
JILL MARGARET LEWERY.
HERMAN IGNATIUS MCKENZIE.
CLAUDIA MARGARET MORRIS.
JANET PETTINGER.
JUDITH ANNE STOCKWELL.

SECOND CLASS

(Lower Division)

JUDITH ASTRID COOPER.
KATHLEEN MARY HIGHLEY.
PAULINE JACKSON.
JILLIAN MARGARET LEWIS.
EDWARD WILLIAM FINBAR MALONE.
VIVIEN LOUISA MEE.
PAMELA MARY PALMER.
CATHARINE MARY PARRINDER.
LENNOX RANDOLPH HARRY PAUL.
LISLOTTE ROSA STERN.

THIRD CLASS

MADLINE VALMAI APPLEBY.
ERIC BARTRAM ASHTON.

B.Sc. (Sociology) Examination—continued

1959

ANNE BENTHAM.
MAUREEN LEAH BRODIE.
BRENDA MARGUERITE CURRIE.
JULIA ANN EMBREY.
ANITA EVANS.
DENIS RICHARD GRAY.
GILLIAN MARJORIE HIGLETT.
MARY JOSEPHINE HOPKINSON.
GERALD JOHNSON.
PATRICIA SWANTON WIMBLE.

B.A. Honours in Sociology

SECOND CLASS

(Upper Division)

1959

MAUREEN ELIZABETH CAIN.
JUDITH FAIRSTON.
ELIZABETH CLAIRE HURREN.
MARIANNE ROSENBERG.

SECOND CLASS

(Lower Division)

SHULAMITH HELENA ABRAM.
MAUREEN ALBORN.
ISOBEL MARY ALLEN.
ANNE ELIZABETH FORSYTH.
PAUL HOLLANDER.
MARGARET DEIDRE CAROL ANN HOWARD.
MARY LIGHTFOOT.

THIRD CLASS

JUDITH ANN FROST.
BERYL RAY LINZELL.
EVA MARIA NUKI.
CICELY ALISON ROSSER.
CAROLE TOBIN.

B.A. Honours in Geography

SECOND CLASS

(Upper Division)

1959

NORMA ANNIE CARTER.
MICHAEL JOHN FLYNN.
HOWARD LLOYD PHILLIPS.

THIRD CLASS

JENNIFER MARION SPENCER.

B.A. Honours in History

SECOND CLASS

(Upper Division)

1959

MARIAN ELISSA WOULD.
SYLVIA CHRISTINE YOUNG.

B.A. Honours in History—*continued*SECOND CLASS
(Lower Division)

1959 MARGARET ROSA EMERY.
JANET MARY GILLMAN.
ANTHONY KETTEMAN.
GERALD DANIEL O'CALLAGHAN.
SHEILA PARKER.
BRYAN RHODES.
HERBERT ROBINSON.
BETTY SHEARD.

THIRD CLASS
GILLIAN COSTELLOE.

LL.B. Final Examination

HONOURS

FIRST CLASS

1959 MAURICE CHAPMAN CARR.
DESMOND JOHN LOCH DAVIS.

SECOND CLASS
(Upper Division)

JOHN DAVID GREEN.
LIONEL ROBERT HARRIS.
EVAN THOMAS JENKINS.
PATRICK THOMAS COLUM KING.
MIRIAM LEWIS.
STUART MONTLAKE.
BENJAMIN OBI NWABUEZE.
LEONARD RAMON ROBERTS.

SECOND CLASS
(Lower Division)

LAWRENCE BONZO AKAINYAH.
ALLEN MITCHELL BAGE.
MICHAEL OLASUBOMI ASIRU BALOGUN.
DAVID MICHAEL BARKER.
ROBIN HUNKIN DAVIES.
PATRICK PORTNELL EAVIS.
*EFIOM OTU EFIOM EKONG.
JOHN JAMES GAVIN.
*JOSEPH CHARLES HARPER.
JAMES GORDON JACKSON.
THOMAS JOHN CEDRIC JOSEPH.
UNA KUHL.
MICHAEL SOLOMON KUSMIRAK.
*SAMUEL NWANKWO CHINWUBA OBI.
JOHN KEITH OLDALE.
VALERIE LYDIA SMITH.
*JOHN ECHEZONA WILLIAMSON TABUGBO.
JANET ELIZABETH WILSON.

* Conferment of degree deferred until completion of third-year course of study.

LL.B. Final Examination—*continued*

PASS

1959 MAYSEL STELLA ABAKAH.
JOHN EDWARD ALEXANDER AIDOO.
ALFRED WALTER BUSH.
PENELOPE GLEN SINCLAIR DONOVAN.
IHEGWORO MELLITUS OPARA ERONINI.
STUART BERNARD GOODMAN.
EMILE JOHN HOSKING.
ASHRAF ULLAH KHAN.
ERNEST ASARE KWAPONG.
DAVID ISAAC MARCUS.
EBENEZER TETTEY OKORLEY.
DAVID JOHN PIPER.
NORMAN WALTER JAMES SEAGO.
RONALD LESLIE WALMSLEY.

Higher Degrees

M.Sc. (Econ.)

1958-59 MOHAMED ELIAS ABRO.
ABDUL KHAYER AHMADULLAH.
SYED ISHTIAQUE AHMED.
INDIRA BASU.
MAHESH PURUSHOTTAMDAS BHATT.
RITA CALDWELL.
TOLGAY CAVUSOGLU.
ROBERT ANTHONY FENN.
BELA GHOSH.
ARTHUR JOHN CHARLES GRANT.
PAUL HAMER.
DOUGLAS LATHAM BLACKER HAMLIN.
BANWARI LAL HANSARIA.
DENNIS VICTOR HUNT.
PIYASIRI BANDARA KARANDAWELA.
JAMES BERNARD KELLY.
GORDON LEROY LEIS.
SAEED OSMAN MALICK.
PHYLLIS ELLEN MELNICK.
DENNIS MILBURN.
EINAR FREDRICK AKE NAGELL-ERICHSEN.
SYED MOHAMMED NASEEM.
MARIS NOWAK-PRZYGDZKA.
KHIZR-UR-RAHMAN QURESHI.
GADDAM RAM REDDY.
IRVING LEE SANDERS.
MANUBHAI MOHANLAL SHAH.
SNEHESH KUMAR SINHA.
GEORGE LLEWELLYN SNAPE.
THEODORE VOURNAS.
CHARLES DARWIN WARD.
VERA MARIE LUISE WOHL.

M.Sc. (Agric.)

1958-59 GODFREY JOHN TYLER.

Higher Degrees—continued

M.A.

- 1958-59 KHIN MA LAY.
MICHAEL OKORO EZENWA NWAFOR.
MOHAMMAD ZUBAIR SAHIBZADA.
SEIN SEIN.
SOEDJITO SOSRODIHARDJO.
GEORGE FAENDERICH REHIN.

LL.M.

- 1958-59 ASIT KUMAR BASU.
DENNIS CLIVE HILL.
ARUMUGAM MURUGASAMPILLAY.
MORONKEJI OMOTAYO ONALAJA.
ROBERT RICHARD STEWART.

Ph.D.

- 1958-59 CHRISTIAN ABRAHAM ACKAH.
SAMUEL ADEPOJU ALUKO.
SYDNEY ANGLO.
JOHN ROBERT ASHFORD.
BRUCE BROOKE-WAVELL.
GERALD ELLIOT CAIDEN.
EDWIN ALFRED COURSE.
LOUIS MICHAEL CULLEN.
JOHN FREDERICK DAVIS.
PAUL WESLEY FOX.
RAMESHCHANDRA GHOSH.
JACQUELINE CECILIA GRAD.
IENAN LLOYD GRIFFITHS.
DENISE HAIKAL.
KEITH JACKSON HANCOCK.
JACK ERNEST SHALOM HAYWARD.
FRANK TOMASSON JANNUZI.
DENNIS NORMAN JEANS.
PAUL KATONA.
ARABINDA KUNDU.
MULUG TEKIN KURAT.
JOHN MEISEL.
MATHEW FRANCIS MELKO.
GOURI NAG.
SOLIMAN SOLIMAN NOUR EL DIN.
ROBERT RICHMOND ORR.
RUBY BEATRICE PERNELL.
JOHN ROBIN PERRIN.
FENTON HARCOURT WILWORTH RAMSAHOYE.
RAVIKANTI VENKATA RAMA CHANDRA SEKHARA RAO.
KENNETH JOHN REA.
EDWIN MICHAEL SCHUR.
SHRI RAM SHARMA.
ELIEZER SHEFFER.
STANLEY ALEXANDER DE SMITH.
FITZVAL REMEDIOS SANTANA DE SOUZA.
CLAUDIO VELIZ.
MALCOLM JOHN WALLS.
ITZHAK ZAMIR.

DIPLOMAS

Academic Postgraduate Diploma in Law

- 1959 ASEF MOHAMMED ALLI.
CONSTANTINOS ANDREPOULOS.
MICHAEL JAMES MCKEOWN.
DANIEL HERMAN KAREL LOUIS MEINERTZHAGEN.

CERTIFICATES

Certificate in Social Science and Administration

DISTINCTION

- 1959 JOHN COURTNEY HAINES.

PASS

- PAULINA AGGREY-FYNN.
ADESUWA AKENZUA (Overseas Option).
SYLVIA MARY ALISON.
PENELOPE ANNE HOLMAN ALLWOOD.
JACQUELINE MARY ANDREWS.
YVONNE MURIEL AUGER.
MARGARET FRANCES BACON.
MARGUERITE MARY BATCHELOR.
ETHNÉ JOAN BERTRAM (Overseas Option).
PAMELA CHRISTINA BONNER.
BRIDGET PATIENCE PENTON BROWN.
PAMELA BROWN.
JEAN FRANCES MARGARET BRUCE.
JANET OGLVIE BUCHANAN.
JANE BUNCH.
WENDY MARY CHALCRAFT.
BRIDGET JANE CUTHBERT.
MICHAEL JOHN DAY.
SHEILA MARGARET DAY.
ANN MARY DRISCOLL.
*ERICA MARIA GABRIELLE DE BOSDARI.
MARIA DOZIE (Overseas Option).
KRISHNA DUTTA (Overseas Option).
WILLIAM MARTIN DYAS.
SONIA BARBARA DYKES.
COLIN JAMES EDWARDS.
MARIA ENGEL.
SHIRLEY JEAN FIRTH (Overseas Option).
ENID GRACE FUGGLE.
MARGARET HAZEL FURLONG.
KARUNA LALIT GANA (Overseas Option).
JEAN ANNETTE GILLET.
SHEILA MARGARET HARRIS.
CHARLOTTE ANNE HUNTER.
MARGARET HUNTER.
ROSEMARY HUTCHINSON.
MARY HUTTON.
MARGARET SUSAN JACKSON.
RICHARD ANDREW JEFFRIES.
MARGARET SHIRLEY SINCLAIR JEPSEN.
JOHN EPHRAIM KWAKYE (Overseas Option).

* Certificate to be awarded on completion of further Practical Work.

Certificate in Social Science and Administration—*continued*

1959

ISOBEL FRANCES LANE.
 MARY PATRICIA LEE.
 ESTREA STELLA LEVY.
 EVA MARIA BIK-CHI LI (Overseas Option).
 CHARLOTTE ELIZABETH MEADE.
 WENDY ANN MILLARD.
 *MAEVE FRASER MILLER (Overseas Option).
 ANGELA JOAN ELIZABETH MOORHOUSE.
 IRO MYRIANTHOSI.
 DONALD LESLIE ROYSTON NEILL.
 KAREN JANE ELIZABETH OXBY PARKER.
 ROBERT ARTHUR PINKER.
 KATHERINE VENETIA POLLOCK.
 THOMAS IAN RICHARDSON.
 BERYL SINCLAIR ROBSON.
 SIMON RICHARD NOEL RODWAY.
 JAMES BRIAN HOPE SCOTT.
 SHEILA PRIMROSE STEWART.
 DAVID MALCOLM SUTCLIFFE.
 MARY THOMAS (Overseas Option).
 JAQUET AMICE THWAITES.
 JENNIFER CAROLINE TYRWHITT-DRAKE.
 JUDITH MARY UNWIN.
 MARGARET ANN CHRISTINE WALTON.
 STELLA WEBB.
 ELIZABETH RODEN WILKIN.

Certificate in Mental Health

DISTINCTION

1959

PHYLLIDA PARSLÖE.

PASS

MARY DOROTHY BOYD.
 SUZANNE MOLLY BRILLIANT.
 ERIC WILFRED BROWN.
 KATHERINE ALICE BURTON.
 NANCY CAMPBELL.
 MARILYN FANE CORRY.
 PETER RUSSELL DAY.
 MARGARET DRANSFIELD.
 FLORENCE COLLEEN EVERALL.
 PHYLLIS GOLDBLATT.
 JOSEF HORAK.
 PRISCILLA ELIZABETH HAZEL MACLAUGHLIN.
 SHEILA ELIZABETH MAHON.
 DORIS MAY PERRY.
 WINIFRED LAURA ROBERTS.
 MARGARET ELIZABETH ROBINSON.
 MARGARET THACKER.
 HAROLD THROSSELL.
 HERBERT WILLIAM WOOD.

* Certificate to be awarded on completion of further Practical Work.

Certificate in Personnel Administration

DISTINCTION

1959

JANET MARY HEXTALL.
 JILL REAY HUTCHINSON.

PASS

JOSEPH ISAAH OGBOGU BOSAH.
 MARGRADEL JEAN DILLON.
 PAULINE FARRELL.
 JACK GRIFFITHS.
 IAN MICHAEL HOBBS.
 VIOLET AH WATT KNUDSEN.
 DIANE ELISABETH LEES.
 RICHARD BRIAN LINDOP.
 ISABELLA MARY MOFFAT.
 JOHN JAMES MURPHY.
 EDWARD ALBERT NELMS.
 BONAR GLYN HUGH ROBERTS.
 JENNIFER NAOMI BANKS SKINNER.
 LESLIE STANTON SUTTON.
 DAVID CEDRIC TACKLEY.
 JOHN ALAN WEBBER.

Certificate in Applied Social Studies

DISTINCTION

1959

STELLA CLAIRE DE GRUCHY.
 SUSAN MARY RUEGG.

PASS

JOHN DESMOND BENWELL.
 JESSICA BLOOMAN.
 AUDREY CAMPBELL.
 JOSEPHINE HELEN COX.
 DAVID FREDERICK CROMPTON.
 ELIZABETH DOROTHY EARWAKER.
 DEIRDRE MILLICENT EDDISON.
 KATHLEEN DELSEY CULLINGWORTH FLOOD.
 MOLLY IRVING FRASER.
 MARIE JOSEPHINE GATELY.
 GRETE GERTNER.
 THOMAS COLIN HARVEY.
 RUTH MARGARET HIGGS.
 ALICE MARY HOOSON.
 ELSPETH OWEN HUTCHINSON.
 RICHARD JARRETT.
 MICHELLE JELLINEK.
 MARGARET MADELINE KNIGHT.
 BERYL ELAINE KNOTTS.
 ANTHONY HAROLD LATHAM.
 RUTH ELLISON LAWSON.
 MARGARET ANN MACANDREW.
 MARY JEAN AIRD MONCRIEFF.
 JUDITH NEWELL.
 SHEILA POWER.
 ROSALYN ANN ROBSON.
 JOAN ROWLES.
 ANN-CHI ANGEL SHEN.

Certificate in Applied Social Studies—continued

1959 JANE EVELYN PAMELA STENT.
PATRICIA ANNE TAYLOR.
BARBARA WHITLOCK.

Certificate in International Studies

DISTINCTION
1959 RODERICK CLIVE OGLEY.

PASS

YOUSSEF AKBAR.
RICHARD MICHAEL BONE.
DAVID COLE HARROP.
ANATOL GREGORIUS KAMINSKYJ.
AYINDA OLUWOLE.
ROBERT NOEL WOOD.
CHALOEM YUVIENGJAYA.

Special Certificate in International Studies

1959 GAIL-MARYSE GHISLEIN EIRLÿS COCKRAM.

Publications

BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1958 TO
30 SEPTEMBER 1959

Anthropology

DR. B. BENEDICT:

- "Cash and Credit in Mauritius" (*The South African Journal of Economics*, September 1958, published November 1958).
"Education Without Opportunity: Education, Economics, and Communalism in Mauritius" (*Human Relations*, November 1958).
"Cultural Patterns and Motivations for Family Planning" (*Family Planning*, July 1959).

PROFESSOR R. W. FIRTH:

- Economics of the New Zealand Maori*, being 2nd. edn. of *Primitive Economics of the New Zealand Maori* (R. E. Owen, Government Printer, Wellington, New Zealand, 1959).
"Acculturation in Relation to Concepts of Health and Disease" (*Medicine and Anthropology*, Lectures to the Laity, No. XXI, International Universities Press, 1959).
"Habits and Ways of Life in Relation to the Development of Chronic Diseases" (pp. 83-92, *Symposium on the Public Health Aspects of Chronic Diseases*, Amsterdam, 30 September-5 October 1957, W.H.O., Copenhagen, 1958).

DR. M. FREEDMAN:

- "Chinese Communities in Southeast Asia: A Review Article" (*Pacific Affairs*, September 1958, published 1959).
(Review Article) "Jews, Chinese and Some Others" (*British Journal of Sociology*, March 1959).
(Review Article) "Change in Primitive Society" (*The Humanist*, April 1959).
"The Handling of Money: A Note on the Background to the Economic Sophistication of Overseas Chinese" (*Man*, April 1959).
"Religion et adaptation sociale chez les Chinois de Singapour" (*Archives de sociologie des religions*, January-June 1959).

MR. E. A. GELLNER:

- "The Summit of Azurki" (*The Humanist*, January 1959. Previously published in the *L.S.E. Mountaineering Club Journal*, 1957).

MRS. L. F. LANCASTER:

- "Kinship in Anglo-Saxon Society, Part I" (*British Journal of Sociology*, Vol. 9, No. 3, 1958).
"Kinship in Anglo-Saxon Society, Part II" (*British Journal of Sociology*, Vol. 9, No. 4, 1958).

DR. L. P. MAIR:

- "Independent Religious Movements in Three Continents" (*Comparative Studies in Society and History*, January 1959).

MR. H. S. MORRIS:

- "The Divine Kingship of the Aga Khan: A Study of Theocracy in East Africa" (*Southwestern Journal of Anthropology*, Vol. XIV, No. 4, 1958).
"The Indian Family in Uganda" (*American Anthropologist*, Vol. LXI, No. 4, 1959).

DR. M. W. SMITH:

- "Towards a Classification of Cult Movements" (*Man*, January 1959).
"Sikhism" (*Encyclopaedia Americana*, 1959).
"The Importance of Folklore Studies to Anthropology" (*Folklore*, March 1959).

DR. A. P. STIRLING:

"Religious Change in Republican Turkey" (*The Middle East Journal*, Autumn 1958).

Criminology

DR. H. MANNHEIM:

Die kriminalrechtliche Behandlung von jungen Rechtsbrechern (über 18 Jahren) in England, Frankreich und der Bundesrepublik Deutschland (co-author) (Frankfurt/M.—Berlin, 1958).

Courts for Adolescents (The Institute for the Study and Treatment of Delinquency, January 1959).

"Betrachtungen zum Entwurf des Allgemeinen Teils eines Strafgesetzbuchs" (*Zeitschrift für die gesamte Strafrechtswissenschaft*, Vol. 71, No. 2, August 1959).

Notes in the *British Journal of Delinquency*.

DR. T. P. MORRIS:

"Crime and its Treatment" (*Socialist Commentary*, April 1959).

"Social Values and the Criminal Law" (*The Nation*, 4 July 1959).

MR. J. E. HALL WILLIAMS:

"The First Offenders Act, 1958" (*Modern Law Review*, January 1959).

Demography

MR. N. H. CARRIER:

"The Demographic Pattern of Family Building" (*Marriage Guidance*, October 1958).

"A Note on the Estimation of Mortality and other Population Characteristics given Deaths by Age" (*Population Studies*, November 1958).

(With A. M. Farrag) "The Reduction of Errors in Census Populations for Statistically Under-developed Countries" (*Population Studies*, March 1959).

"A Note on the Measurement of Digital Preference in Age Recordings" (*Journal of the Institute of Actuaries*, August 1959).

PROFESSOR D. V. GLASS:

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MR. J. HAJNAL:

"The Study of Fertility and Reproduction: A Survey of Thirty Years" in *Thirty Years of Research in Human Fertility* (Proceedings of a Round Table at the 1958 Annual Conference, Milbank Memorial Fund).

Economics

DR. J. AGASSI:

(With K. Klappholz) "Methodological Prescriptions in Economics" (*Economica*, February 1959).

MR. R. F. G. ALFORD:

(With H. B. Rose) "Home Finance" (*London and Cambridge Economic Service Bulletin*, December 1958, March, June and September 1959).

"London's Money Brokers" (*The Banker*, June 1959).

MR. G. C. ARCHIBALD:

(With R. G. Lipsey) "Monetary and Value Theory: A Critique of Lange and Patinkin" (*Review of Economic Studies*, No. 1, 1959).

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PROFESSOR W. T. BAXTER:

"Inflation and the Accounts of Steel Companies—I" (*Accountancy*, May 1959).

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MR. R. P. BROOKER:

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PROFESSOR E. H. PHELPS BROWN:

(With Sheila V. Hopkins) "Builders' Wage-Rates, Prices and Population: some further evidence" (*Economica*, February 1959).

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"Stabilizing Commodity Prices" (*Foreign Affairs*, October 1958).

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MR. A. C. L. DAY:

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"The International Liquidity Problem" (*Transactions of the Manchester Statistical Society*, 1959).

PROFESSOR E. DEVONS:

"Government of the Inner Circle" (*International Review of Administrative Sciences*, No. 4, 1958).

"An Economist's View of the Bank Rate Tribunal Evidence" (*The Manchester School of Economic and Social Studies*, January 1959).

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MR. H. C. EDEY:

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MR. J. R. GOULD:

"Fighting Retreat" (*The Grocer*, October 1958).

MR. K. KLAPPHOLZ:

(With J. Agassi) "Methodological Prescriptions in Economics" (*Economica*, February 1959).

MR. K. J. LANCASTER:

"A Further Note" (*Economica*, May 1959).

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DR. A. H. LAND:

"Factor Endowments and Factor Prices (with a Mathematical Appendix by H. W. Kuhn)" (*Economica*, May 1959).

MR. H. H. LIESNER:

"The European Common Market and Free Trade Area" (*Education and Commerce*, October 1958).

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DR. E. J. MISHAN:

"A Single Geometric Measure for Elasticity of Demand and Supply" (*Review of Economic Studies*, February 1959).

"Mr. Lancaster's Welfare Definitions—A Comment" (*Economic Journal*, June 1959).

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MR. A. NOVE:

(With A. Zauberger) "A Dollar Valuation of Soviet National Income" (*Soviet Studies*, October 1958).

"The State and the Wage-Earner" (*Soviet Survey*, November 1958).

Communist Economic Strategy: Soviet Growth and Capabilities (National Planning Association, Washington, 1959).

"Soviet Trade and Soviet Aid" (*Lloyds Bank Review*, January 1959).

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PROFESSOR F. W. PAISH:

"Monetary Policy and the Control of the Post-war British Inflation" (*United States Monetary Policy*, The American Assembly, Columbia University, October 1958).

"Gilt-edged and the Money Supply" (*The Banker*, January 1959).

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MR. M. H. PESTON:

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"On the Sales Maximization Hypothesis" (*Economica*, May 1959).

PROFESSOR A. W. PHILLIPS:

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MR. G. J. PONSONBY:

"The Provision of Unremunerative Transport Services" (*The Times*, 8 October 1958).

DR. J. R. RAEBURN:

"Some Economic Aspects of African Farming" (*East African Economics Review*, Vol. 5, No. 2, January 1959).

(With W. Morgan) "Notes on Supplies and Prices" (*Pig Breeders Gazette*, July 1959).

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PROFESSOR L. C. ROBBINS:

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MR. H. B. ROSE:

"Domestic Trade Credit and Economic Policy" (Evidence to Committee on the Working of the Monetary System, August 1959).

(With R. F. G. Alford) "Home Finance" (*London and Cambridge Economic Service Bulletin*, December 1958, March, June and September 1959).

DR. S. SWIANIEWICZ:

"The Economic Future of Asia" (in Polish) (*Kultura*, Paris, January-February 1959).

"Economic Reconstruction and the Struggle for Political Power in Indonesia" (*The World Today*, March 1959).

MR. W. TAPLIN:

"An Advertising Appraisal—I: Facts and Figures on the National Outlay" (*The Times Review of Industry*, January 1959).

"Definitions in Selling" (*The Journal of the Advertising Association*, Vol. VIII, No. 5, March 1959).

"The Marketing Aspect of Packaging" (*The Institute of Packaging Journal*, Vol. V, No. 46, May 1959).

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MR. R. TURVEY:

"İktisatçı Görüşü İle Vergileme" (*Revue de la Faculté des Sciences Economiques de l'Université d'Istanbul*, 1959).

MR. W. A. WARMINGTON:

"Saving and Indebtedness among Cameroons Plantation Workers" (*Africa*, October 1958).

"Spare-time activities in the Southern Cameroons Plantations" (*West Africa*, 3 January and 10 January 1959).

MR. J. S. G. WILSON:

"The Sterling Area in 1958—A Study in Conflicting Interests" (*The Investors' Chronicle Banking Survey*, 20 March 1959).

"Some Aspects of Banking in the Commonwealth" (*L'Echo de la Bourse—La Banque dans le Monde*, 1959).

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MR. J. WISEMAN:

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"The Theory of Public Utility Price—A Further Note" (*Oxford Economic Papers*, February 1959).

"The Government's Pension Plan" (*London and Cambridge Economic Service Bulletin*, March 1959).

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"The Evolution of Local Government in the National Financial Structure" (*Institute of Municipal Treasurers and Accountants*, September 1959).

"The Reorganisation of the Cotton Industry" (*London and Cambridge Economic Service Bulletin*, September 1959).

MR. B. S. YAMEY:

"The Investigation of Resale Price Maintenance under the Monopolies Legislation" (*Public Law*, Winter 1958).

"Cotton Futures Trading in Liverpool" (*Three Banks Review*, March 1959).

Geography

PROFESSOR R. O. BUCHANAN:

"Some Reflections on Agricultural Geography" (Presidential Address, Geographical Association, *Geography*, January 1959).

DR. K. M. CLAYTON:

(With Joyce C. Brown) "The Glacial Deposits Around Hertford" (*Proceedings of the Geologists' Association*, Vol. 69, Part 2, 1958).

DR. R. J. HARRISON CHURCH:

"A Geographical Agenda for Ghana" (*Bulletin of the Ghana Geographical Association*, January 1959).

"West African Urbanisation: A Geographical View" (*The Sociological Review*, July 1959).

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DR. E. JONES:

"The delimitation of some urban landscape features in Belfast" (*The Scottish Geographical Magazine*, Vol. 74, No. 3, 1958).

"Land Reclamation in Belfast Lough" (*Ulster Journal of Archeology*, Vol. 21, 1958).

"Welsh-speaking in the New World—I, The U.S.A." (*Lochlainn*, Vol. 1, 1958).

(With W. R. Owen) "Welsh-speaking in the New World—II, Patagonia" (*Lochlainn*, Vol. 1, 1958).

MR. R. R. RAWSON:

(With H. J. Wood and C. A. Fisher) "Communist China and Mongolia" in W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia*, 3rd edn. (revised) (Methuen, 1958).

DR. K. R. SEALY:

(With S. F. Wheatcroft) *World Air Freight* (Blackburn and General Aircraft Co. Ltd., 1959).

MR. D. J. SINCLAIR:

The World Atlas of Agriculture (I.N.E.A., Committee for World Atlas of Agriculture, Istituto di Economia e Politica della Universita, Padova, 3rd edn., revised, 1959).

PROFESSOR L. D. STAMP:

"The Future of Common Lands" (*Report of the Proceedings of the 19th National Conference for the Preservation of the Countryside*, C.P.R.E., October 1958).

Asia (9th edn., Methuen, 1959).

"Land Utilisation in the Commonwealth" (*Journal of the Royal Society of Arts*, Vol. CVII, February 1959).

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PROFESSOR M. J. WISE:

"The meeting of the British Association, 1958" (*Geographical Journal*, Vol. CXXIV, December 1958).

(With S. Muramatsu) "The Industrial Areas of Japan" (*The Japanese Economist*, Tokyo, April 1959).

History

DR. M. S. ANDERSON:

Britain's Discovery of Russia, 1553-1815 (Macmillan & Co. Ltd., 1958).

"The Great Powers and the Russian Annexation of the Crimea, 1783-84" (*Slavonic and East European Review*, December 1958).

"Russia in the Mediterranean, 1788-1791: a little-known chapter in the History of Naval Warfare and Privateering" (*The Mariner's Mirror*, February, 1959).

(With General M. Kukiel) "Stosunki Polsko-Brytyjskie w Nowozytniej Historii" (*Merkuriusz Polski*, July 1959).

DR. T. C. BARKER:

"Business History and the Business Man" (*Business History*, December 1958).

"The Beginnings of the Canal Age in the British Isles" in L. S. Pressnell (Ed.), *Studies in the Industrial Revolution* (Athlone Press, 1959).

MRS. A. M. C. CARTER:

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PROFESSOR E. M. CARUS-WILSON:

"The Woollen Industry before 1550" in *The Victoria History of the Counties of England, Wiltshire*, Vol. IV, 1959.

DR. D. C. COLEMAN:

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MR. A. DAVIES:

"Historical Studies" (*Chambers's Encyclopaedia World Survey*, 1958).

DR. C. J. ERICKSON:

British Industrialists, Steel and Hosiery, 1850-1950 (Cambridge University Press, 1959).

DR. A. H. JOHN:

A Liverpool Merchant House (Allen and Unwin, July 1959).

PROFESSOR W. N. MEDLICOTT:

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MR. G. E. MINGAY:

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MISS E. M. MYATT-PRICE:

"The Tattershall Household Book 1475-6" (Reprinted from *The Lincolnshire Architectural and Archaeological Society Reports and Papers*, Vol. 7, Part II, 1957-1958).

MR. D. C. WATT:

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International Relations

MR. H. N. BULL:

"Disarmament and the International System" (*The Australian Journal of Politics and History*, May 1959).

"What is the Commonwealth?" (*World Politics*, July 1959).

MR. G. L. GOODWIN:

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MR. A. M. JAMES:

"Disarmament Problems" (*Reconciliation*, December 1958).

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PROFESSOR C. A. W. MANNING:

(Review Article) "The Elimination of War—Princeton's New Approach" (*Kyklos*, October 1958).

DR. F. S. NORTHEGE:

"The Doctrinaire's Dilemma" (*Political Studies*, June 1959).

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MR. W. C. B. TUNSTALL:

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MR. D. C. WATT:

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Law

MR. D. J. BENTLEY:

"Documents in the Law of Forgery" (*Modern Law Review*, May 1959).

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Statistics of Students

Analysis of Regular, Intercollegiate and Occasional Students, 1952-60

	Session 1952-53	Session 1953-54	Session 1954-55	Session 1955-56	Session 1956-57	Session 1957-58	Session 1958-59	Session 1959-60
REGULAR STUDENTS—								
First Degree	1312	1345	1397	1516	1524	1519	1506	1479
Higher "	407	420	421	424	461	522	567	593
Other Regular (including Research Fee)	468	486	475	490	463	488	458	509
TOTAL OF REGULAR STUDENTS	2187	2251	2293	2430	2448	2529	2531	2599
INTERCOLLEGIATE STUDENTS	876	853	839	879	1039	1000	1078	1160
OCCASIONAL STUDENTS—								
Terminal Composition Fee	57	47	45	44	53	43	30	42
Other Occasional	276	265	292	323	290	292	266	229
Colonial Officers' Course	10	8	—	—	—	—	—	—
Overseas Services Course	—	—	1	—	—	—	—	—
TOTAL OF OCCASIONAL STUDENTS	343	320	338	367	343	335	296	271
GRAND TOTAL	3406	3424	3470	3676	3830	3864	3905	4030

Analysis of Overseas Students, 1952-60

	Session 1952-53	Session 1953-54	Session 1954-55	Session 1955-56	Session 1956-57	Session 1957-58	Session 1958-59	Session 1959-60
REGULAR	647	625	684	687	739	818	881	923
OCCASIONAL	126	166	126	214	171	124	139	160
TOTAL	773	791	810	901	910	942	1020	1083

Analysis of Regular, Intercollegiate and Occasional Students, 1958-60

REGULAR STUDENTS.	SESSION 1959-60					SESSION 1958-59					Grand Total.
	DAY STUDENTS.		EVENING STUDENTS.		Grand Total.	DAY STUDENTS.		EVENING STUDENTS.		Total.	
	Men	Women	Men	Women		Men	Women	Men	Women		
B.Sc. (Economics) Part I Final	531	53	584	142	15	157	874	50	16	148	1073
B.Sc. (Economics) Part II Final	234	24	258	50	7	57	214	237	48	3	199
B.Sc. Sociology . . . 1st year Final	6	16	22	—	—	—	—	22	20	42	—
B.Sc. Sociology . . . 2nd and subsequent years	32	30	62	90	—	—	—	23	43	66	10
LL.B. . . . Inter. Part I Final	42	4	46	8	8	16	—	48	11	8	—
LL.B. . . . Inter. Part II Final	53	3	56	141	—	—	24	46	11	12	26
B.A. . . . 1st year Final	36	3	39	6	—	6	—	35	6	6	166
B.A. . . . 2nd and subsequent years	33	27	60	186	—	—	—	33	23	56	159
M.Sc. (Economics) . . . 1st year	76	13	89	163	32	7	39	68	11	79	—
M.Sc. (Economics) . . . 2nd and subsequent years	64	10	74	—	3	3	—	65	10	75	—
M.Sc. . . . 1st year	3	—	3	3	—	—	—	2	—	2	—
M.Sc. . . . 2nd and subsequent years	21	—	21	361	—	—	—	1	—	1	—
Ph.D. . . . 1st year	94	12	106	29	5	81	232	25	3	28	—
Ph.D. . . . 2nd and subsequent years	10	—	10	—	3	5	—	94	11	105	—
LL.M. . . . 1st year	11	2	13	29	2	5	18	10	12	22	—
LL.M. . . . 2nd and subsequent years	16	9	25	38	11	2	13	4	1	5	—
M.A. . . . 1st year	10	3	13	—	7	3	10	10	1	11	—
M.A. . . . 2nd and subsequent years	1	2	3	—	13	6	19	14	2	16	—
Academic Diploma in Anthropology	1	—	1	3	—	—	—	—	—	—	—
Academic Diploma in Colonial Studies in Tropical Territories . . .	—	—	—	—	—	—	—	1	—	—	—
Academic Diploma in Law . . .	4	—	4	—	—	—	—	1	—	—	—
Academic Diploma in Psychology . . .	1	—	1	—	—	—	—	7	2	9	—
Academic Diploma in Public Administration . . .	—	—	—	—	—	—	—	2	—	—	—
Certificate in International Studies . . .	13	2	15	—	—	—	—	1	—	—	—
Certificate in Social Science: 1st year	18	75	93	—	—	—	—	16	—	—	—
Certificate in Social Science: 2nd and subsequent years	13	14	27	—	—	—	—	18	52	70	—
Certificate in Personnel Administration . . .	18	6	24	213	—	—	—	5	22	27	—
Certificate in Applied Social Studies	8	28	36	—	—	—	—	13	9	22	—
Certificate in Mental Health . . .	5	28	33	—	—	—	—	7	27	34	—
Course in Business Administration . . .	24	—	24	—	—	—	—	5	19	24	—
Course in Trade Union Studies . . .	7	1	8	—	—	—	—	21	—	—	—
Course in Industrial Financing . . .	16	1	17	—	—	—	—	13	—	—	—
Oversea Services Course B . . .	10	1	11	—	—	—	—	14	—	—	—
Other Regular Students . . .	44	24	68	—	—	—	—	13	—	—	—
Research Fee . . . 1st year	87	14	101	119	3	19	23	40	19	59	—
Research Fee . . . 2nd and subsequent years	16	2	18	—	—	—	—	88	16	104	—
TOTAL OF REGULAR STUDENTS . . .	1625	478	2103	439	57	496	2599	1598	464	2062	469

INTERCOLLEGIATE STUDENTS	SESSION 1959-60					SESSION 1958-59.					Grand Total.
	DAY STUDENTS.		EVENING STUDENTS.		Grand Total.	DAY STUDENTS.		EVENING STUDENTS.		Total.	
	Men	Women	Men	Women		Men	Women	Men	Women		
Arts . . .	36	68	104	—	—	—	98	—	—	—	98
Economics . . .	229	36	265	—	—	—	212	—	—	—	212
General . . .	1	—	1	—	—	—	2	—	—	—	2
Higher Degree . . .	44	4	48	—	—	—	43	—	—	—	44
Laws . . .	349	72	421	54	7	61	420	66	12	78	498
Science . . .	242	18	260	—	—	—	224	—	—	—	224
Total of Intercollegiate Students . . .	901	198	1099	54	7	61	999	67	12	79	1078
OCCASIONAL STUDENTS	30	11	41	1	—	1	30	—	—	—	30
Terminal Composition Course . . .	91	41	132	89	8	97	125	123	18	141	266
Other Occasional Students . . .	—	—	—	—	—	—	—	—	—	—	—
Total of Occasional Students . . .	121	52	173	90	8	98	155	123	18	141	296
Total of Intercollegiate Students . . .	901	198	1099	54	7	61	999	67	12	79	1078
Total of Regular Students . . .	1625	478	2103	439	57	496	2599	1598	464	2062	469
GRAND TOTAL . . .	2647	728	3375	583	72	655	3216	597	92	689	3905

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

	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60
Balkan States ..	30 (27)	31 (25)	41 (32)	53 (51)	55 (49)	62 (55)
Czechoslovakia ..	1 (1)	—	—	—	—	—
France ..	15 (7)	10 (6)	15 (7)	7 (5)	16 (9)	7 (3)
Germany ..	28 (15)	22 (9)	24 (7)	29 (19)	21 (10)	28 (12)
Holland ..	8 (8)	4 (3)	6 (4)	3 (3)	7 (3)	4 (3)
Italy ..	6 (4)	12 (4)	9 (4)	11 (10)	13 (10)	11 (9)
Poland ..	10 (8)	—	—	5 (5)	12 (11)	7 (7)
Russia ..	—	—	1 (—)	4 (3)	2 (1)	1 (1)
Scandinavia ..	13 (8)	18 (11)	10 (5)	14 (11)	8 (5)	15 (8)
Switzerland ..	16 (7)	19 (1)	12 (6)	17 (10)	12 (5)	13 (8)
Others ..	37 (28)	26 (19)	31 (18)	37 (29)	47 (38)	55 (41)
<i>Total Europe</i> ..	<i>164 (113)</i>	<i>142 (78)</i>	<i>149 (83)</i>	<i>180 (146)</i>	<i>193 (141)</i>	<i>203 (147)</i>
Burma ..	6 (5)	9 (9)	7 (7)	6 (5)	—	7 (6)
Ceylon ..	12 (12)	21 (19)	18 (15)	20 (18)	19 (17)	14 (14)
China ..	—	—	2 (1)	2 (1)	—	2 (2)
India ..	121 (115)	123 (99)	116 (105)	121 (116)	136 (130)	134 (126)
Pakistan ..	29 (26)	38 (34)	34 (33)	34 (31)	41 (36)	29 (29)
Israel ..	27 (22)	32 (24)	27 (24)	24 (21)	20 (16)	19 (13)
Japan ..	14 (7)	13 (7)	14 (9)	11 (9)	15 (10)	13 (9)
Others ..	67 (63)	84 (68)	91 (68)	96 (78)	85 (77)	91 (80)
<i>Total Asia</i> ..	<i>276 (250)</i>	<i>320 (260)</i>	<i>309 (262)</i>	<i>314 (279)</i>	<i>316 (286)</i>	<i>309 (279)</i>
Ghana (included in Others up to 1955-56) ..	—	—	28 (25)	29 (28)	30 (27)	28 (26)
Egypt ..	18 (6)	19 (15)	13 (12)	7 (7)	14 (10)	19 (16)
South Africa ..	19 (17)	19 (14)	22 (19)	20 (16)	24 (20)	26 (22)
Others (including Ghana up to 1955-56) ..	85 (82)	106 (102)	103 (96)	115 (112)	113 (109)	125 (123)
<i>Total Africa</i> ..	<i>122 (115)</i>	<i>144 (131)</i>	<i>166 (152)</i>	<i>171 (163)</i>	<i>181 (166)</i>	<i>198 (187)</i>
Canada ..	39 (30)	53 (36)	45 (40)	45 (37)	56 (52)	81 (73)
United States ..	109 (90)	137 (98)	145 (115)	142 (115)	181 (154)	193 (158)
<i>Total North America</i>	<i>148 (120)</i>	<i>190 (134)</i>	<i>190 (155)</i>	<i>187 (152)</i>	<i>237 (206)</i>	<i>274 (231)</i>
W. Indies (incl. Cent. Amer. up to 1958-59) ..	—	—	—	—	—	30 (3)
Central America (incl. W. Indies up to 1958-59)	28 (27)	39 (37)	39 (36)	39 (35)	42 (38)	7 (4)
South America ..	34 (24)	34 (22)	29 (24)	19 (14)	19 (16)	39 (23)
Australia ..	34 (31)	26 (20)	23 (22)	26 (23)	25 (22)	19 (19)
New Zealand ..	4 (4)	6 (5)	4 (4)	6 (6)	6 (5)	3 (2)
Fiji ..	—	—	1 (1)	—	1 (1)	1 (1)
<i>Total Oceania</i> ..	<i>38 (35)</i>	<i>32 (25)</i>	<i>28 (27)</i>	<i>32 (29)</i>	<i>32 (28)</i>	<i>23 (22)</i>
Total ..	810 (684)	901 (687)	910 (739)	942 (818)	1020 (881)	1083 (923)

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.

3. Admission to the School implies an undertaking on the part of the student to observe the School Regulations.

4. **Intending students from overseas are strongly advised not to leave for this country unless they are assured of a place in the School.**

First Degrees and Diplomas

(1) Candidates will be informed of the result of their applications. Successful candidates will be given advice on the choice of special and alternative subjects, and on the payment of the requisite fees and on presentation of a Statement of Eligibility to enter the University of London, will be admitted as regular students of the School. They will receive an admission card, which must be produced at any time, on demand.

(2) No person under the age of 18 years will be admitted as a student for a first degree or diploma without the Director's special permission.

(3) Persons seeking admission to courses for first degrees or diplomas should obtain a form of application from the Registrar of the School. It should be completed and returned to the School not later than 31 January (or 30 November for those applying from overseas) preceding the session in which admission is desired. Applications received after this date will be considered only if vacancies remain. Applicants will be required to give the names of two referees, one of whom should be the head of the school or college last attended if the applicant left within the last five years.

(4) Before a student can be registered at the School as reading for a first degree of the University of London, he must as a *minimum requirement* comply with the University regulations for admission to the degree course for which he is applying. The minimum admission requirements and the regulations for the degree courses conducted by the School are briefly described on pp. 140 to 156 below.

Students should consult the University of London Entrance Regulations and the regulations for the degree or diploma for which they are applying. 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) Since its accommodation is limited, the School cannot accept more than a minority of those students who apply for admission, even though they may have the necessary qualifications. 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) Applicants from overseas seeking admission to first degree or diploma courses, unless they have obtained the British qualifications expected from British candidates, will normally be required to have obtained a degree from an approved overseas university at second class standard. In addition they may be required to take the entrance examination (see para. 5).

(7) Students whose mother-tongue is not English will not be admitted as regular students unless they show proficiency in the language.

(8) No student is allowed to register or study for more than one examination, whether of the University of London or of the School, at the same time, unless he has previously obtained in writing the permission of the Director of the School. Students registering for a course leading to an examination of the University or of the School who wish to study concurrently 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. The Director reserves the right to cancel the registration of any student, where he is of the opinion that it would not be in the best interest of the student to combine study for an outside examination with his course at the School.

* The examination will be held in April and will consist of one three-hour paper containing questions of a general nature and questions on the use of English.

Certificate in Social Science and Administration

Applicants for admission to the course for the Social Science Certificate must have attained the age of 20 by 1 October immediately preceding the opening of the session for which they seek admission. Graduates will be exempt from the entrance examination. All other applicants must take the examination, for which there is an examination fee of £1, and in addition they will normally be required to have completed a period of employment or suitable experience of approximately one year between leaving school and the date at which they wish to enter the Social Science Department. Applicants who are exempt from the entrance examination, and those who reach the required standard in this examination, will be called for an interview. Application forms can be obtained from the Registrar and should be completed and returned by 31 January preceding the session in which admission is desired. If, however, vacancies are available, applications will be considered up to 1 April from candidates who are exempt from the entrance examination.

APPLICANTS FROM OVERSEAS

Applicants from overseas are normally required to have had experience in social work or other suitable experience extending over at least two years in their own country. They are required to take an entrance examination and, if necessary, arrangements can be made for the examination and the interview to take place overseas. Oversea applicants who wish to enter the School as Regular Students should apply by 31 January preceding the session for which they seek admission.

Certificate in Mental Health

Students are admitted to the course only on the recommendation of a Selection Committee. This Committee takes into account personal suitability for the profession 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.

Entrants whose mother-tongue is not English will be expected before acceptance to pass a qualifying examination in the language unless exemption has been obtained from the Tutor. A special examination fee of 10s. 6d. is payable.

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

Application forms and further particulars can be obtained from the Registrar. Letters should be clearly marked "Mental Health Course". The last date for the receipt of applications is 1 February in the year in which admission is desired.

Certificate in International Studies

Applicants for admission to the course 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.

For details of the Certificates in Personnel Administration and Applied Social Studies, see pp. 171 to 173.

Admission for Higher Degrees, Graduate Composition and Research Fee

(See page 175)

OCCASIONAL STUDENTS

(1) Occasional students are entitled to attend up to five lecture courses. They are not admitted to classes, seminars or examinations.

(2) A person seeking admission as an occasional student should obtain a form of application from the Registrar of the School and must 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 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.

(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.

GENERAL FULL COURSE

Admission to this course is granted only in special circumstances and preference is given to graduates. Applications must be made on the appropriate form, obtainable from the Registrar. Admission to a General Full Course entitles the student to select from a large number of

lecture courses a course of study to suit his special needs. His selection must be approved by the Registrar. He may also seek advice about his studies from a member of the staff who will be appointed to act as his supervisor. General Full Course students are not admitted to the examinations which are held in connection with certain courses and are not entitled to attend classes and seminars, these being open only to students following degree or certificate courses at the School.

The School does not issue transcripts of record in the form used by North American universities but oversea students who wish to obtain credits from their home universities can be supplied with a statement setting out the duration and a brief description of the courses followed. Where it can be proved that such a statement is insufficient, students who have attended at the School for at least three terms may apply to be examined by not more than two papers and graded on the work done. The fee for such special examinations will be three guineas for each paper.

SPECIAL COURSES

For particulars of the special courses in Business Administration, Industrial Financing, Economic and Social Administration, and Trade Union Studies, see pp. 197-203.

UNIVERSITY REGISTRATION

(1) Students of the University of London are internal, external or associate students. Candidates for first degrees, higher degrees and diplomas, and research students not proceeding to a higher degree, are registered as internal students. Students reading for certificates awarded by the School may register as associate students. Persons preparing for external degrees or diplomas and registered as external students are not normally admitted to the School.

(2) Registration schedules are sent by the School authorities to the University on behalf of students due for registration as internal or associate students, and a card is issued by the University to each student whose registration has been approved. A first degree or diploma student registering with the University for the first time is required to pay a fee of £3 3s. on registration as an internal student. This amount will be added to the School's account for the fees for the first session or term. An advanced student (i.e., a student who secures exemption from part of the approved course of study by virtue of a previous degree) or a graduate student who has not taken his first degree in this University is required to pay a university registration fee of £6 6s. The university registration fee for research or associate students is 10s. 6d.

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 1960-61.)

General Notes

(i) 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.

(ii) Degree composition fees cover lectures, classes, and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.*

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

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

(v) Fees should, as far as possible, be paid by cheque and remitted by post to the "Accounts Department (Room 109)".

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

(vii) 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.

Entrance Registration Fees

An entrance registration fee is payable by all regular students attending the School for the first time. This fee is not returnable.

For students applying from overseas	..	..	£2	2	0
For other students	..	..	£1	1	0

* 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.

Fees for Full-time Undergraduate Courses, Special Courses, and Courses leading to a Certificate or Academic Diploma

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All first degrees* General Full Course Certificates in Social Science International Studies Personnel Administration Diploma in Economic and Social Administration One-year Graduate Course in Business Administration Academic Diplomas in Anthropology Social Studies in Tropical Territories Psychology Public Administration Statistics Trade Union Studies Course	£50	£18	£17
Academic Diploma in Law	£40	£14	£14
Certificates in Mental Health Applied Social Studies	£75	£27	£25

Note:—

Students taking diplomas are required to register as internal students of the University, which in the case of non-matriculated students, necessitates the payment of a university registration fee of £3 3s., in addition to the School's entrance registration fee.

* The sessional fee payable by a student who, in his third year, is concurrently registered as a candidate for the LL.B. degree and as a candidate for the LL.M. degree or for the Academic Diploma in Law is £50 for a day student and £30 for an evening student.

Fees for Undergraduate Evening Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
B.Sc. (Econ.)	£18	£8	£6
LL.B. ¹ General Full Course	£30	£12	£10

Fees for Full-time Graduate Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees (except LL.M.) ²	£50	£18	£17
LL.M.	£26	£10	£9
Research fee ³	£26	£10	£9
Continuation fee	£9	£4	£3

Fees for Part-time Graduate Courses⁴

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees	£13	£5	£5
Continuation fee	£5	£3	£2

¹ See footnote on previous page.

² 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.

³ 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.

⁴ 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.

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 98)

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 7s. 6d. an hour.

Examination Fees

In addition to the entrance registration fee and tuition fees payable to the School, the student will be required to pay fees for entry to examinations. These are set out below:—

UNIVERSITY FEES

<i>First Degrees:</i>	£	s.	d.
Intermediate LL.B.	7	0	0
B.Sc. (Econ.) Part I Final	10	0	0
B.Sc. (Econ.) Part II Final	10	0	0
B.Sc. (Sociology)	*20	0	0
LL.B. Part I Final	7	0	0
LL.B. Part II Final	7	0	0
B.A. Final	*20	0	0

Higher Degrees (for entries received on or after 1 January 1961):

M.Sc. (Econ.), M.A., or LL.M.	21	0	0
Ph.D.	30	0	0

* Main subject £18 os. od., Subsidiary subject £2 os. od.

<i>Academic Postgraduate Diplomas:</i>	£	s.	d.
Anthropology, Law, Social Studies in Tropical Territories, Psychology, Public Administration or Statistics	15	0	0

SCHOOL FEES

Certificates:

Social Science and Administration, Personnel Administration, International Studies	3	3	0
Diploma in Economic and Social Administration	3	3	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 for the most part to those who seek to enter the School to read for a first degree; some are open also to evening and "adult" students who are already studying at the School.

(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 either undergraduate or graduate study**. Three types of award are available for study at either undergraduate or graduate level. These are:—

- (1) Two Leverhulme Studentships for Special Courses, page 125.
- (2) The S. H. Bailey Scholarship in International Studies, page 118.
- (3) The Scholarship in International Law, page 119.

VALUE OF AWARDS

The emoluments of most entrance and undergraduate awards are of a small value only. An asterisk is placed against the title of certain scholarships of the value of £40 or more. The holders of these scholarships may be granted the status and emoluments of a State Scholar provided they undertake full-time study and are normally resident in England, Wales or Scotland. In these circumstances, the award will have a maximum value of £305, or £217 if the holder lives at home, plus tuition, registration and examination fees, and including a vacation grant, the amount of grant varying according to need. Most of the graduate awards are of a value sufficient to maintain the holder, but some of them are of small value only.

OVERSEA APPLICANTS

All the awards offered are open to oversea students, and there are some for which only oversea 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 oversea candidates cannot be considered unless they are likely to be in England at the time when the selection is being made. A student from overseas is not entitled to hold a British Ministry of Education State Scholarship and if he were to obtain an award of a small value he would benefit by no more than that value. He would not obtain a maintenance allowance unless such an allowance is offered without restriction as part of the emoluments of the award.

Entrance Scholarships and Bursaries awarded by the School

The following entrance awards are made on the results of the London Intercollegiate Scholarships Board Examination:—

- *Four Leverhulme Entrance Scholarships of £50.
- *Three Entrance Scholarships of £40.
- *One Whittuck Scholarship in Laws of £40.
- *One Acworth Scholarship in Transport of £40.

A number of bursaries in the form of partial or complete remission of fees.

The above awards are all made annually except the Acworth Scholarship, which is awarded once every three years and is next offered for 1962.

The Whittuck Scholar will be expected to proceed to the LL.B. degree as a full-time student of the School. The Acworth Scholar will be expected to proceed to the B.Sc. (Econ.) degree as a full-time student and will be required to select the Economics and History of Transport as an optional subject in Part II of the degree course. The other awards are available for any of the first degree courses held at the School.

The regulations applicable to the above awards are:—

- (1) Scholarship holders will 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) The subjects of examination will be:—

(a) †Essay and General Paper.

(b) Two subjects to be chosen from any one of the following groups:—

<i>Group A</i>	<i>Group B</i>	<i>Group C</i>
Latin (Papers I & II)	Pure Mathematics	French
Greek (Papers I & II)	Applied Mathematics	German
	Physics	Spanish
	Chemistry	Pure Mathematics
	Biology	Geography
		History
		English Language and Literature
		‡Economics
		Latin

- (3) All the awards are tenable for three years provided that the holder makes satisfactory progress.
- (4) The awards will be made on merit, as decided by competitive examination and interview; regard will not be had to the candidates' financial circumstances save in the award of bursaries.
- (5) The closing date for the receipt of entries is 30 November. Candidates in schools within the London postal area and candidates who have left school will be required to take the examination in London. Candidates in schools outside the London postal area are permitted to take the examination at their schools if satisfactory arrangements can be made.

For further particulars (including entry forms and time-table of the examination), application should be made to Mr. R. B. P. Wallace, M.A., LL.B., Secretary of the London Intercollegiate Scholarships Board, University of London, Senate House, W.C.1.

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS IN STATISTICS AND COMPUTATIONAL METHODS

- (1) 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.

† Candidates will be given the choice between writing an essay and writing on questions of general interest.

‡ Economics appears as an optional subject since it is included in the curriculum of many schools, but no special weight will be given to it.

- (2) The value of each scholarship will be £450 a year. The Scholar will be responsible for paying his own fees. Two scholarships will be offered in 1961.
- (3) Scholarships will be awarded for three years (the normal duration of the degree course) but will be subject to annual review.
- (4) Scholars will be entitled to the full value of the award. No account will be taken of the parents' income or of income from any other source.
- (5) In making the awards, the School will have regard to the candidates' school records and their performance in the examination for the General Certificate of Education. Candidates will be required to have passed at least one of the Mathematics papers of the General Certificate of Education at Advanced Level in or before the year of award, or to hold evidence of similar proficiency in Mathematics.
- (6) Selected candidates will be asked to attend an interview.
- (7) Successful candidates must satisfy the minimum entrance requirements of the University of London before admission. They will be required to register as full-time students of the School, 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 at Part II of the degree examination.

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

LEVERHULME ADULT SCHOLARSHIPS*

Two Adult Scholarships, one of the value of £100 per annum and one of £40, will be offered annually by the School. The regulations for these scholarships are:—

- (1) Candidates must be not less than 23 years of age on 1 October in the year of award.
- (2) The scholarships are open equally to men and women.
- (3) A student who has already obtained a university degree will not ordinarily be considered for an award.
- (4) Candidates may be asked to take the Entrance Examination (see page 96) or to submit an essay on an approved topic. Selected candidates will be interviewed and in consequence oversea 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 scholarships will 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 candidates will be required to register as regular students of the School and to pursue a course of full-time study for one of the first degrees in the social sciences.
- (9) The scholarships will not be awarded unless there are candidates 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.

SCHOLARSHIPS FOR MENTAL HEALTH COURSE

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

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 1962.

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 will 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 must pursue a certificate course in the department of Social Science and Administration at the School.
- (5) The exhibition will be tenable for one year.

Entry forms may be obtained from the Registrar of the School and should be returned not later than 1 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

Three exhibitions are awarded by the School on the recommendation of the University of London Council for Extra-Mural Studies. They will cover tuition and registration fees at the School.

The regulations for these exhibitions are:—

- (1) Exhibitioners must be University Extra-Mural students.
- (2) The successful candidates must reach the School's admission standards.
- (3) Exhibitioners must enter on an evening course of study at the School for the B.Sc. (Econ.) degree and must comply with the University of London requirements for admission to that degree course.
- (4) The exhibitions will be awarded for one year in the first instance, but may be renewed for the normal duration of the course.

Further particulars and forms of entry may be obtained from the Director of the Department of Extra-Mural Studies, University of London, W.C.1.

SPECIAL BURSARIES

A limited number of special bursaries in the form of total or partial remission of fees are available for mature students.

The regulations for these bursaries are:—

- (1) Candidates must be qualified to proceed to the degree course for which they are applying.
- (2) Successful candidates must undertake an evening degree course at the School as internal students of the University.
- (3) Candidates must satisfy the selection committee as to their special promise, and their need of financial assistance.
- (4) Candidates must be employed during the day.

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 awarded 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 will be awarded 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 must pursue a certificate 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 will 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 1 May in the year of award.

STATE SCHOLARSHIPS

State Scholarships are awarded by the Ministry of Education, on the results of the General Certificate of Education examinations, for approved courses for an Honours Degree.

The awards have a maximum value of £305, or £217 if the holder lives at home, plus tuition, registration and examination fees, the amount of grant varying according to need.

For further particulars, application should be made to the Secretary, Ministry of Education.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

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

In order to be eligible for an award, a candidate must—

- (a) be a British subject ordinarily resident in England or Wales;
- (b) satisfy the Minister that he is able to follow an approved full-time course with credit;
- (c) have pursued some form of adult education;
- (d) be recommended for such an award by a Local Education Authority or by a responsible body recognised under the Further Education Grant Regulations, 1946 (a); and
- (e) be over the age of 25 on 31 July in the year in which the award is made.

For further particulars, see Ministry of Education, Grant Regulation No. 5B, obtainable from H.M. Stationery Office.

TECHNICAL STATE SCHOLARSHIPS

A number of Scholarships are offered by the Ministry of Education to students from establishments of further education to enable them to follow a full-time degree course at the University.

Candidates must have completed a course leading to an Ordinary National Certificate or Diploma or course of equivalent standard and have been in full-time or part-time attendance at an establishment of further education for a period of not less than two years immediately preceding their application.

The majority of these Scholarships are reserved for applicants below the age of 20 on 31 July in the year in which application for the award of one of these Scholarships is made; but a number of Scholarships will be available for candidates aged 20 or over on that date. There is no upper age limit for the latter awards.

Further details of these Scholarships may be obtained from the Ministry of Education.

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.

LONDON COUNTY COUNCIL EVENING EXHIBITIONS

The London County Council may award exhibitions covering tuition fees for evening study at this School, tenable for the duration of courses leading to internal degrees of the University of London. Candidates must be resident in the Administrative County of London and must be in a position to comply with the University of London requirements for admission to a first degree course before 1 October in the year of award.

Further particulars should be obtained from the Education Officer, The County Hall, Westminster Bridge, S.E.1.

SPECIAL AWARDS FOR TEACHERS

The London County Council may award to teachers employed by it a limited number of places at reduced fees for courses of study held at the School which lead to a degree, diploma or certificate.

Further particulars may be obtained from the Education Officer, The County Hall, Westminster Bridge, S.E.1.

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

The Association of Certified and Corporate Accountants offers a scholarship of a value not exceeding £200 a year and tenable for three years, 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, Transport House, Smith Square, London, S.W.1.

Scholarships awarded during Undergraduate Career by the School

LEVERHULME UNDERGRADUATE SCHOLARSHIPS*

At least five Leverhulme Undergraduate Scholarships of the value of £40 a year may be offered by the School annually provided that there are candidates of sufficient merit.

The regulations for these scholarships are:—

- (1) 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.
- (2) The scholarships will be awarded on the basis of the sessional assessment of students, including results of any examination that may have been taken, reports from tutors and essay work. Candidates may be required to attend an interview.
- (3) The scholarships will be tenable for one or two years, extension

beyond the first year being dependent upon the receipt of a satisfactory report from the student's tutor.

- (4) An evening student who obtains one of these awards may be enabled to become a full-time student.
- (5) The scholarships will be awarded at the end of the Summer Term in each year.

Applications on the appropriate form should be received by the Registrar not later than 15 May.

SCHOLARSHIP IN LAWS*

A Scholarship in Laws of the value of £40 a year will be awarded annually provided that a candidate of sufficient merit presents himself.

The regulations for this scholarship are:—

- (1) The scholarship is open equally to men and women.
- (2) The scholarship will be awarded on the results of the Special and General Intermediate examinations in Laws.
- (3) The successful candidate will be required to proceed to the LL.B. degree as a regular student of the School and as an internal student of the University.
- (4) The scholarship will be tenable for two years, extension beyond one year being dependent upon a satisfactory report on the student's work.

The closing date for entry will be 12 September in the year of award. Applications should be made on an appropriate form which can be obtained from the Registrar.

ROSEBERY SCHOLARSHIP*

A Rosebery Scholarship of the value of £40 a year, tenable for two years, will be awarded by the School biennially to a student reading for a first degree, if satisfactory candidates are forthcoming.

The next award will be made in July, 1961. The conditions of award are the same as those for the Leverhulme Undergraduate Scholarships (see page 116).

HAROLD LASKI SCHOLARSHIP

A scholarship, entitled the Harold Laski Scholarship, founded under the will of Dr. Caroline Maule, will be awarded annually provided a candidate of sufficient merit is forthcoming. The value of the scholarship will be the income of the fund for the year preceding the award and will not normally be less than £44.

The regulations for this scholarship are:—

- (1) The scholarship will be awarded to a student who proposes to offer Government as his special subject in Part II of the B.Sc. (Economics) examination and who achieves the best result among such students in the papers on the History of Political Ideas and the Elements of Government in Part I.
- (2) The scholarship will be tenable for one year.

LILIAN KNOWLES SCHOLARSHIP

The Lilian Knowles Scholarship, founded in memory of Professor Lilian Knowles, will be offered annually. It will be of the value of £40.

The regulations for this scholarship are:—

- (1) The scholarship will be awarded on the results of Part I of the B.Sc. (Economics) examination to a student offering Economic History 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.
- (2) The scholarship will be tenable for one year.

The award will be made only when there is a suitable candidate.

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 is open equally to men and women.
- (2) The scholarship is 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 is 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.

Candidates should make written application to the Director before 15 June in the year of award.

The scholarship will only be awarded if suitable candidates present themselves.

SCHOLARSHIP IN INTERNATIONAL LAW

The School will award annually a scholarship of £50 to enable a student to attend a session at the Academy of International Law at The Hague. The scholarship is open to any regular student of the School.

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.

The scholarship will only be awarded if suitable candidates present themselves.

CHRISTIE EXHIBITION

(For details see page 112.)

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 Academic Registrar not later than 1 October 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.
- (2) Candidates must be natural-born British subjects whose income from all other sources does not exceed £200 per annum.
- (3) The exhibitions will be tenable for two years.
- (4) The exhibitions will be available during the second and third years of the degree course.

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.
- (4) Candidates should indicate (in the space provided) on their entry forms for Part I of the final examination that they wish to be considered for the award of the scholarship. Candidates who do not do so may be given an opportunity later on in the session of making application.

Applications, 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 July in the year of award.

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 Money and Banking, International Economics, Industry and Trade or Accounting as the special subject in Part II of the examination.
- (3) Candidates will be asked to state on their forms of entry for the Part I examination whether they wish to be considered for these scholarships.

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.

MAJOR COUNTY AWARDS

The London County Council award a number of major scholarships and exhibitions to residents in the Administrative County of London who have attended evening classes at a polytechnic or technical institution within or without the Administrative County of London, including Birkbeck College and the London School of Economics and Political Science, for at least two years. These scholarships and exhibitions are tenable for any full-time day course, undergraduate or postgraduate.

Major scholarships and exhibitions may also be awarded for diploma and certificate courses in public administration, social science and mental health.

Successful candidates will be required to give up their day work and will not be allowed to undertake employment during the tenure of award without permission of the London County Council.

Full information may be obtained from the Education Officer, County Hall, S.E.1.

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.

GRADUATE STUDENTSHIPS

Two Graduate Studentships of a maximum value of £350, plus tuition fees, for full-time students may be offered for award annually. 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 Registrar. 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 of £300 a year.

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 Registrar. 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, 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 Registrar of the 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 £350, 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.

LEVERHULME STUDENTSHIPS FOR SPECIAL COURSES*

The School offers annually two Studentships for Special Courses, each of the value of £40.

The regulations for these studentships are:—

- (1) They will be open to students who wish to read for certificates awarded by the School as well as to those who wish to undertake study, not necessarily leading to any diploma, certificate or other award, in a subject in which they have become interested during their undergraduate careers.
- (2) Each award will be made to enable a student to follow any of the courses of study offered by the School, other than one leading to a first or higher degree.
- (3) Applicants must be qualified for admission to the required course and acceptable as students by the department concerned with it.
- (4) The awards will be tenable in the first instance for one year with the possibility of renewal for a second year.
- (5) The Ministry of Education will recognise these awards for State Scholarship purposes only when the holder is a graduate, of a standing approved by the Ministry, undertaking a course of study leading to a diploma or a certificate.

Applications for the awards must be made on a form which can be obtained from the Registrar and which must be returned to him by 31 May in the year of award.

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 are 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 will 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 will be tenable for up to two years.
- (5) The Ministry of Education will recognise these awards for State Scholarship purposes only when the holder is a graduate, of a standing approved by the Ministry, who undertakes a course leading to a certificate or diploma, and is normally resident in England, Wales or Scotland.
- (6) In exceptional circumstances the School may grant a maintenance allowance to the holder of one of these studentships if he fails to qualify for a supplementary State Scholarship.

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.

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 will be awarded on intellectual promise and subject to financial need.
- (2) They will be open equally to day and evening students.
- (3) The successful students will be expected to follow a course of research approved by the Director.
- (4) The bursaries will be awarded for one year in the first instance, but will be renewable subject to satisfactory progress for the period of the course for which the student is registered.

- (5) Applications should 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 Registrar. The closing date for entry will be 6 September 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 is open to women students who are graduates or possess the necessary qualifications to undertake research.
- (2) The subject of research must be approved by the Director of the School.
- (3) The successful candidate will be expected to devote her whole time to carrying on research in such fields of investigation as may be required.
- (4) The studentship is 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

One Studentship in Transport of the value of about £500, 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, will be offered for award annually. The Studentship will be tenable in the first instance for one year, but may, in certain circumstances, be renewed for a second year.

The Studentship is not confined to University graduates, but is also open to other persons who have been engaged in the administration of transport, including road transport, or in the production of transport equipment or facilities.

The object of the Founder is to promote research "into the economics and means of transport with a view to securing the balanced development of the various forms of transport and the progressive lowering of

charges", and any scheme of research likely to further those ends will receive due consideration.

The closing date for entries will be 30 June.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See page 118.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 119.)

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 £324 (or £236 if the student lives at home), plus tuition and examination fees and a contribution towards the cost of preparing a thesis. 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 who should be asked to send direct to the Registrar a testimonial which can be sent on to the Ministry of Education in support of the student's application.

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).

Certificate in Personnel Administration.

Graduate Course in Theoretical Statistics.

Attention is also drawn to the statement on page 202 about the availability of D.S.I.R. grants for students engaging in Joint Postgraduate Studies in Technology, Economics and Administration.

The Department allots a quota of studentships for each approved course. Students who wish to obtain one of these studentships should state the fact when applying for admission.

EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in social and economic history, founded by the friends of the late Professor Eileen Power, will be awarded every second or fourth year until further notice. The next award of the studentship will probably be made in 1961. The value of the studentship is £400 a year, but may be increased to not more than £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 Principal.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

A number of Postgraduate Studentships of £375 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 Academic Registrar, University of London, W.C.1, not later than 1 March in the year of award. Further information may be obtained from the Academic Registrar.

UNIVERSITY STUDENTSHIPS

The University proposes to offer one studentship in each of the following subjects: Sociology, Anthropology, Laws; three studentships in Economics and Geography, and three studentships in History. The value of the studentships will be not less than £350 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.

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.

AWARDS FOR STUDY IN FRANCE

Several awards are available yearly for graduate studies in France. Particulars of these awards can be obtained from the Registrar.

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 £350, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £350 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 one year's 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 May.

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 1962.

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.

SCHOLARSHIPS OFFERED BY THE LONDON COUNTY COUNCIL FOR STUDENTS WHO HAVE QUALIFIED BY ATTENDANCE AT EVENING COURSES

(See pages 121 and 122.)

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 116.)

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. 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.

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 £23. It will be open to present or past regular students of the School, who have registered for a period of at least two years and are within 10 years of their first graduation at any university, but allowance will be made for periods of National Service when deciding whether the candidate complies with this condition. The prize will be awarded in respect of work in the field of economic or social statistics, completed within four years prior to the closing date for entries. It will be awarded only if an adequate standard of excellence is attained.

The closing date for the next competition is 1 January 1963. 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.

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 subject of Statistics 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 not normally be less than £5 18s. od. 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.

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.

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 Money and Banking, 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.

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 from 1922 head of the Department of Social Science. 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 Social Science department, to the best all-round student or students obtaining the Social Science Certificate in each year.

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 Statistics 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.

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.

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.

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.

ROSEBERY PRIZES

The School will offer for award annually two prizes to the value of £30 and £20 for an essay on an approved subject in the field of Transport

The prizes will be open for competition to all students of the School reading for a first degree and they will normally be awarded in June of each year. The subjects approved for the award are announced annually in the Michaelmas Term.

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".

FIRST DEGREE COURSES

- (i) General Information.
- (ii) Degree of Bachelor of Science in Economics (B.Sc. (Econ.)).
- (iii) Degree of Bachelor of Science in Sociology (B.Sc. (Soc.)).
- (iv) Degree of Bachelor of Laws (LL.B.).
- (v) Degree of Bachelor of Arts (B.A.).

i. 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 Science in Sociology. (*Day course only.*)

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.*)

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 Registrar's office 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

Evening students reading for the B.Sc. (Econ.) degree spread the course of study for Part I of the Final examination over three years and for Part II over two years, although in exceptional circumstances they may be permitted to take Part II in one year. 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.

ii. 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.

Details of Examination

The Examination is divided into two parts and normally a candidate must pass Part I before he enters for Part II. Nevertheless in exceptional circumstances, a candidate may be permitted to take both parts of the examination on the same occasion.

* These regulations are being reviewed.

A student is eligible to present himself for the Part I Examination after having satisfactorily attended approved courses extending over two academic years. Nevertheless a student who is admitted under the Regulations for Advanced Students may *in exceptional cases* be permitted to present himself for the Part I Examination after one year.

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

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

A candidate at Part I of the examination who fails to reach the minimum standard in any one subject only may be referred, i.e., he may be permitted on the recommendation of the examiners to present himself on one occasion only in that subject, either before or on the same occasion as Part II. A candidate who again fails in his referred subject taken at the same time as Part II but who satisfies the examiners at Part II, will be credited with his performance at Part II and be permitted to complete the B.Sc.(Econ.) Examination by passing in his referred subject at a subsequent date.

A candidate who is referred in one of his Alternative Subjects may substitute another subject therefor, provided that it is appropriate to his Special Subject, and that he has pursued a course of study therein as an Internal Student.

The marks obtained in Part I of the Examination will be considered together with those obtained in Part II for the purpose of the classification for Honours.

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

PART I

(i) All candidates, except those who propose to offer one of the following four special subjects in Part II of the Final Examination:—

- IV. Industry and Trade
- or V. Accounting
- or XI. Statistics
- or XV. Computational Methods

are required to take *six* compulsory papers:—

	Reference Nos. of Courses.
Principles of Economics	9, 31, 32
Applied Economics	40-44, 925
Political History	290, 300, 301
Economic History	260
Elements of Government	575
History of Political Thought	540

and *two* alternative papers selected from the following list according to the options which are permitted for the special subject which the candidate proposes to offer in Part II of the Final Examination:—

	Reference Nos. of Courses.
(1) (a) Elementary Statistical Method and Sources	925-928
or (b) Elementary Statistical Theory	925-930
(2) Mathematics	934
(3) Logic and Scientific Method	485-7
(4) Accounting	133, 134
(5) Elements of English Law*	360-2, 407
(6) Elements of Social Structure	836, 839, 841
(7) The Structure of International Society	501-3
(8) Psychology	701, 702, 706
(9) Principles of Economic and Social Geography	185, 187-9, 191-2
(10) International Law	369, 401
(11) An approved Modern Foreign Language	455-7, 465-7, 469, 470
(12) Economic History of England from the Norman Conquest to 1485	269, 271
(13) Physical and Biological Background of Human Geography	186, 190

Alternative papers must be selected according to the following scheme:—

SPECIAL SUBJECT IN PART II	ALTERNATIVE PAPERS IN PART I
I. Economics, Analytical and Descriptive.	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (2) Mathematics. (3) Logic and Scientific Method. (4) Accounting. (5) Elements of English Law. (6) Elements of Social Structure. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Mediæval Economic History.
II. Money and Banking.	Any two of the Alternative Subjects may be selected; but, without special permission, students will not be allowed to take Law of Banking in Part II unless they select Elements of English Law (Parts A and C) as one Alternative Subject.
III. International Economics.	Any two of the Alternative Subjects may be selected; but, without special permission, students will not be allowed to take Commercial Law in Part II unless they select Elements of English Law (Parts A and C) as one Alternative Subject.

* Those choosing this alternative subject and intending to select Government as their special subject in Part II must take Part B of the syllabus; those intending to take Commercial Law or the Law of Banking as part of their special subject in Part II must take Part C.

SPECIAL SUBJECT IN PART II

ALTERNATIVE PAPERS IN PART I

VI. Economic History (Modern).	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (3) Logic and Scientific Method. (5) Elements of English Law. (6) Elements of Social Structure. (7) The Structure of International Society. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Mediæval Economic History.
VII. Economic History (Mediæval).	Identical with Economic History (Modern).
VIII. Government.	Any two of the Alternative Subjects may be selected.
IX. Sociology.†	(6) Elements of Social Structure and any other one of the Alternative Subjects.
X. Geography.	(9) Principles of Economic and Social Geography. (13) Physical and Biological Background of Human Geography.
XII. International Relations.*	(3) Logic and Scientific Method. (6) Elements of Social Structure. (7) The Structure of International Society. (8) Psychology. (9) The Principles of Economic and Social Geography. (10) International Law. (11) An approved Modern Foreign Language. (12) Mediæval Economic History.
XIII. Social Anthropology.	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (3) Logic and Scientific Method. (6) Elements of Social Structure. (8) Psychology. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Mediæval Economic History.

† Candidates who propose to offer Psychology as part of the Special Subject Sociology in Part II of the Final Examination are strongly advised to take alternative paper 8 in Part I.

* Candidates who propose to offer the Special Subject International Relations in Part II of the Final Examination are strongly advised to take alternative paper 7 in Part I.

SPECIAL SUBJECT IN
PART IIALTERNATIVE PAPERS IN
PART I

XIV. International History.

Any two of the Alternative Subjects
except (2) and (4).(ii) Candidates who propose to offer one of the following Special Subjects in Part II of
the Final Examination:—IV. Industry and Trade
or V. Accountingare required to take *five* compulsory papers:—Principles of Economics.
Applied Economics.
Economic History.
History of Political Thought.
Elements of Government.and the following *three* of the alternative papers:—(1) (a) Elementary Statistical Method and Sources or (b) Elementary Statistical Theory.
(4) Accounting.
(5) Elements of English Law.

(iii) Candidates who propose to offer:—

XI. Statistics

in Part II of the Final Examination are required to take *five* compulsory papers:—Principles of Economics.
Applied Economics.
Economic History.
Elements of Government.
History of Political Thought.and the following *three* of the alternative papers:—Elementary Statistical Theory.
Mathematics.
Any one of the following:—
Political History.
Logic and Scientific Method.
Accounting.
Elements of English Law.
Elements of Social Structure.
Principles of Economic and Social Geography.
An approved Modern Foreign Language.

(iv) Candidates who propose to offer:—

XV. Computational Methods

in Part II of the Final Examination are required to take *five* compulsory papers:—Principles of Economics.
Applied Economics.
Economic History.
Elements of Government.
History of Political Thought.and the following *three* of the alternative papers:—Elementary Statistical Theory.
Mathematics.
Accounting.

PART II

Special Subjects

Subject.	No. of Papers.	Reference Nos. of Courses.
One of the following:—		
I. Economics, Analytical and Descriptive.. .. .	5	
(i) History of Economic Thought		10, 36
(ii) Economic Theory		11-15, 37, 39
(iii) Applied Economics		38, 45-7
(iv) <i>One of the following:—</i>		
(a) Public Finance		51-3
(b) Economic and Social Problems, treated statistically		682, 935-9
(c) Economic Statistics		937
(v) <i>Either</i> (a) An Essay on a subject within the field covered by (i), (ii), (iii) and (iv) (a) above, or (b) Mathematical Economics		17, 21, 24, 25
II. Money and Banking	5	
(i) Monetary Theory		14, 70, 73, 75, 76, 81, 83
(ii) English Monetary and Banking History		71, 74, 81, 84
(iii) International Monetary Economics		72, 78-80, 101
(iv) Comparative Banking Institutions		77
(v) <i>One of the following:—</i>		
(a) Public Finance		51-53
(b) Business Finance		46, 50, 54
(c) Law of Banking†		373
III. International Economics	5	
(i) International Trade, Migration and Capital Move- ments		100, 101, 103
(ii) International Monetary Economics		78-80, 101
(iii) An essay on the field covered by (i) and (ii).		
(iv) <i>One of the following:—</i>		
(a) Monetary Theory		14, 75, 76, 83
(b) Business Administration		125-7, 128, 129
(c) Principles of Economic and Social Geography*		185, 188-9, 192
(d) International Law*		369, 401
(e) Economic and Social Problems, treated statistically		682, 935-9
(f) Economic Statistics		937
(v) <i>One of the following:—</i>		
(a) Public Finance		51-53
(b) Commercial Law†		372, 408
(c) The Economics and History of Transport		170-3, 377
(d) An Approved Modern Foreign Language		455-9, 465-70
(e) Mathematical Economics		17, 21, 24, 25

† Without special permission this cannot be taken by students who have not taken
Elements of English Law (Parts A and C) at Part I.

* If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
IV. Industry and Trade	5	
(i) Business Administration		125-9
(ii) Industry and Trade		47, 48, 55, 170
(iii) Labour		49, 378, 409, 621
(iv) One of the following:—		
(a) Business Finance and Cost Control	46, 50, 51, 54, 136, 139	
(b) Applied Statistics		130, 931
(c) Business Administration (Essay Paper)		
(v) Commercial Law		372, 408
V. Accounting	5	
(i) Accounting	}	139-42, 940
(ii) Accounting		
(iii) Business Administration		125-9
(iv) Commercial Law		372, 408
(v) One of the following:—		
(a) Business Finance		46, 50-54
(b) Industry and Trade		47
(c) Applied Statistics		130, 931
(d) Public Finance		51-53
(e) The Economics and History of Transport ..		170-3, 377
(f) Any Part I subject not taken in the Part I examination, if the timetable permits.		
VI. Economic History (Modern)	5	
(i) Economic History of England, 1485-1760 ..		262, 263
(ii) Economic History of England, 1760-1939 ..		263, 264
(iii) Either English Economic History, 1485-1603 or English Economic History, 1830-1876 ..		272, 273
(iv) Economic History of the United States of America from 1783		266-8
(v) One of the following:—		
(a) Historical Geography		202
(b) Constitutional History since 1660		250
(c) International History		291-4, 302
(d) Social Philosophy		857
(e) Economic and Social Problems, treated statistically		682, 935-9
(f) The Economics and History of Transport ..		170-3, 377
(g) Logic and Scientific Method*		485-7
(h) An Approved Modern Foreign Language ..		455-9, 465-70
VII. Economic History (Mediæval)	5	
(i) & (ii) Economic History of England and Western Europe in the Middle Ages		269, 270
(iii) English Economic History, 1377-1485		269
(iv) Mediæval Political Thought		545
(v) One of the following:—		
(a) English Constitutional History to 1485 ..		251
(b) Constitutional History since 1660		250
(c) Economic History of England, 1485-1760 ..		262, 263, 272
(d) Economic History of England, 1760-1939 ..		263, 264
(e) International History		291-4, 302

* If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(f) Economic History of the United States of America from 1783		266-8
(g) Social Philosophy		857
(h) Economic and Social Problems, treated statistically		682, 935-9
(i) An Approved Modern Foreign Language ..		455-9, 465-70
VIII. Government	5	
(i) A Special Period in the History of Political Thought studied in relation to set books for that period. One of the following periods must be chosen:—		
(a) The Ancient World to c. 500 A.D.		544
(b) The Mediæval World, c. 500 to c. 1500 ..		545
(c) European Political Thought: The Sixteenth Century		546
(d) European Political Thought: The Seventeenth Century		547
(e) European Political Thought, c. 1700 to c. 1815		548, 549
(f) European Political Thought, c. 1800 to c. 1880		550, 552
(g) European Political Thought, c. 1850 to c. 1939		551, 552
(h) American Political Thought, c. 1776 to c. 1949		553
(ii) The Government of Great Britain (advanced) ..		576, 584, 605-8
(iii) Comparative Government		267, 577-9, 583
Detailed knowledge is required of the constitution and government of France, the United States of America and		
One of the following:—		
(a) The Governments of India, Pakistan and Ceylon		—
(b) The Governments of Canada, New Zealand, Australia and South Africa		582
(c) Selected European Governments		578, 580
(d) The Government of Soviet Russia		554, 581
(e) The Government of the new and emergent states of the Commonwealth and of the French Community; illustrated from Africa, Malaya and the Caribbean		630
(iv) Political and Social Theory		491, 541-3
(v) One of the following:—		
(a) Constitutional History since 1660		250
(b) Administrative Law†		376, 400
(c) Public Finance		51-53
IX. Sociology	5	
(i) General Sociology, i.e., Theories and Methods of Sociology		830-2, 845
(ii) The Social Structure of Modern Britain		753, 842, 846, 848
(iii) Social Philosophy		857, 858

† Without special permission this cannot be taken by students who have not taken Elements of English Law (Parts A and B) at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(iv) One of the following:—		
(a) Demography		682, 683
(b) Psychology		704, 708
(c) Criminology		850, 851 (c)
(d) A comparative study of either Marriage and the Family or Morals and Religion		— 833
(v) An Essay on a subject within the field covered by (i), (ii) and (iii) above.		
X. Geography*	5	
(i) Advanced Economic Geography with special reference to Industry		194
(ii) Advanced Economic Geography with special reference to Agriculture		195-6
(iii) Advanced Regional Geography }		193, 197-200
(iv) Advanced Regional Geography }		
(v) One of the following:—		
(a) Historical Geography		202
(b) Political Geography		203
(c) Applied Geography		204
(d) Geomorphology		205
(e) Surveying and Cartography		206
(f) The Economics and History of Transport		170-3, 207, 377
(g) Social Geography		
XI. Statistics	5	
(i) Probability and Distribution Theory		942-7, 951
(ii) Theory of Statistical Methods		954-7, 960, 965
(iii) Economic and Social Problems treated statistically		682, 935-9, 962
(iv) and (v) Two of the following:—		
(a) Demography		680-1, 683-4
(b) Actuarial Statistics		940, 941
(c) Economic Statistics		24, 25, 935-7, 939
(d) Social Statistics		932, 938, 939, 963
(e) Numerical Analysis		948
(f) Computational Methods in Statistics, Economics and Accounting		949, 954, 961
(g) Mathematical Economics		17, 21
(h) Advanced Mathematics with Applications to Probability, Statistics and Economics		950, 954
Candidates are also required to take a practical examination.		
XII. International Relations	5	
(i) International History, 1860-1945		291-5, 302
(ii) International Relations		500, 504, 505, 507, 509-12, 514-16
(iii) International Institutions		506, 507
(iv) and (v) Two of the following:—		
(a) International Law†		369, 401
(b) International History (special subject)		298
(c) The Problem of International Peace and Security		507, 513, 518, 521

* Candidates offering Geography as a special subject must undertake at least two weeks' field-work.

† If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(d) The Philosophical and Psychological Aspects of International Relations		508, 509, 519, 520
(e) The Geographical and Strategic Aspects of International Affairs		513, 515, 522
(f) The Interplay between Politics at the Domestic and International Levels		516, 523
(g) Sociology of International Law		517, 524 and by intercollegiate arrangement
(h) Either Political and Social Theory or An Approved Modern Foreign Language		541 or 455-9, 465-70
XIII. Social Anthropology	5	
(i) General Principles of Social Anthropology		640, 642-3, 646-9, 653
(ii) Economic and Political Systems of Simpler Societies		640-8
(iii) Moral and Ritual Systems of Simpler Societies		
(iv) Ethnography of Special Areas		655-9
(v) One of the following:—		
(a) General Sociology		830
(b) Social Philosophy		857, 858
(c) Social Psychology		704, 708
(d) Principles of Economic and Social Geography*		185, 188-9, 192
(e) Logic and Scientific Method*		485-7
(f) Demography		682, 683
(g) Social Statistics		932, 938
(h) An Approved Modern Foreign Language		455-9, 465-70
XIV. International History	5	
(i) The Diplomatic Relations of the Great Powers, 1815-1914		291, 293-5, 302
(ii) International History, 1914-1945		292, 294, 302
(iii) One of the following:—		
(a) The Old Foreign Office, 1815-1861		296
(b) The Great Powers and Egypt, 1882-1888		297
(c) The Manchurian Crisis, 1931-1933		298
(iv) One of the following:—		
(a) International Institutions		506
(b) International Economic History, 1850-1945		299
(c) British-American-Russian Relations, 1815-1914		295
(v) An Essay on a subject within the field covered by (i) and (ii) above.		
XV. Computational Methods	5	
(i) Numerical Analysis		948, 949, 954, 961, 965
(ii) Computational Methods in Statistics, Economics and Accounting		
(iii), (iv) and (v) Three of the following:—		
(a) Advanced Mathematics with Applications to Probability, Statistics and Economics		950, 954
(b) Probability and Distribution Theory		942-7, 951, 954, 960
(c) Theory of Statistical Methods		
(d) Actuarial Statistics		940, 941
(e) Economic Statistics		935-7, 939
(f) Mathematical Economics		17, 21, 24-5
(g) Accounting II		129, 136
(h) Logic and Scientific Method		485-7

* If not taken as an alternative subject at Part I.

Certain of the alternative subjects of Part I are included as optional subjects in Part II of the examination. A candidate may not include in Part II any optional subject which he has offered at Part I. In the case of an Approved Modern Foreign Language, a candidate may not offer in Part II the same language as he has taken in Part I, but he may offer a second language.

A student who has obtained the B.Sc. (Soc.) degree or the B.A. Honours degree in Sociology will not be permitted to offer Sociology as a special subject in Part II of the B.Sc. (Econ.) degree.

iii. Degree of Bachelor of Science (Sociology)

Complete courses of study are provided at the School for day students reading for the B.Sc. (Soc.). There is no evening course.

The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 140).

The examination will consist of nine written papers on one of two options as in the syllabus for the B.A. degree with Honours in Sociology (see pages 155 and 156).

The subsidiary subject, Economics, will be taken at the end of the second year, and the Final examination at the end of the third year.

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

iv. 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 140).

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.
I. History and Outlines of Roman Private Law	I	390, 415
II. Constitutional Law	I	361, 392
III. The English Legal System	I	364, 391, 416
IV. Elements of the Law of Contract	I	365, 393

A candidate who has been referred in one subject at the Special Intermediate Examination may take his referred subject either at the

general Intermediate Examination, which is held in September, or concurrently with Part I of the Final Examination.

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 fails in his referred subject will have no report made on Part II of the examination and will be required on re-entering to offer the whole of Part I of the examination again.

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 or Indian Criminal Law	I	363, 394 or 422
II. Law of Tort	I	395, 417
III. Law of Trusts	I	396, 418
IV. One of the following:—		
(a) English Land Law		366, 398
(b) Principles of the Law of Evidence		399, 425
(c) English Administrative Law	I	376, 400, 608
(d) Muhammadan Law		421
(e) Hindu Law		420
PART II		
I. Jurisprudence and Legal Theory	I	397, 419
II. Three of the following:—		
English Land Law (if not taken at Part I)		366, 398
Principles of the Law of Evidence (if not taken at Part I)		399, 425
English Administrative Law (if not taken at Part I)		376, 400, 608
Muhammadan Law (if not taken at Part I)		421
Hindu Law (if not taken at Part I)		420
Roman Law		424
History of English Law	3	370
Public International Law		369, 401
Conflict of Laws		367, 402, 426
Conveyancing		423
Succession, Testate and Intestate		368, 403
Mercantile Law		371, 404
Industrial Law		362, 374, 405
Law of Domestic Relations		375, 406

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 157 and 158).

v. 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:—

1. General Principles of Cultural and Social Anthropology,
2. Economic and Political Systems,
3. Moral and Ritual Systems,
4. Ethnography of Special Area,
5. The Evolution of Man,
6. Racial Variation among Living Peoples,
7. Archæological Study of the Development of Culture,
8. ONE of the following options:—
General Linguistics,
Technology,
The Prehistoric Archæology of a Special Area,
Race Relations,

together with a practical examination of three hours 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.

Up to and including examinations taken in 1962, an examination in a subsidiary subject must be taken; thereafter there will be no subsidiary subject.

The following courses are provided for this degree:—Nos. 640–8, 650–9, 701, 830, 833, 857, and intercollegiate arrangements are also made.

B.A. HONOURS IN GEOGRAPHY

(Revised Syllabus for Examinations in and after 1961)

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

Subject.	No. of Papers.	Reference Nos. of Courses.
1. Physical Basis of Geography	1	208–10, 215
2. Elements of Cartography and Surveying	1	211, 212, 218
3. Human Geography—Essay Paper	1	213, 214, 219, 226, 229
4. The British Isles	1	216, 218
5. Advanced Regional Geography	2	197–9, 217, 230
6. One optional subject chosen from the following:—		
(i) Mathematical Geography and Surveying	} 2	220, 231
(ii) Geomorphology		221, 232, 233
(iii) Meteorology and Climatology		222, 234
(iv) Plant Geography		223, 235
(v) Economic Geography		224, 236, 237
(vi) Historical Geography		225, 238, 239
(vii) History of Geographical Science and Discovery		226, 240
(viii) Political Geography		227, 241
(ix) Geography of Settlement		228, 242
7. One optional subject chosen from the following:—		
(i) Mathematical Geography and Surveying (Paper I)	} 1	220
(ii) Geomorphology (Paper I)		221, 232–3
(iii) Meteorology and Climatology (Paper I)		234
(iv) Plant Geography (Paper I)		223, 235
(v) Economic Geography (Paper I)		224, 236–7
(vi) Historical Geography (Paper I or Paper II)		238–9
(vii) History of Geographical Science and Discovery (Paper I)		—
(viii) Political Geography (Paper I or Paper II)		203 or 241
(ix) Geography of Settlement (Paper I or Paper II)		228 or 242
(x) Applied Geography		243

Satisfactory evidence must be given of adequate instruction having been received in the field. There is a week's compulsory field-class in each year of the course. This is held in the Easter vacations.

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.
I. English History down to the middle of the 15th century	1	269, 326, 843
II. English History from the middle of the 15th century to 1760	1	327-8, 338, 339
III. English History from 1760 to the present day	1	261, 329, 339
IV. and V. Any two of the following periods of European History:—		
(a) Mediæval European History, 400-1200	1	By intercollegiate arrangements, and 331, 338, 343
(b) Mediæval European History, 1200-1500	1	
(c) Modern European History, 1500 to the middle of the 18th century	1	
(d) Modern European History, from the middle of the 18th century to the present day	1	
VI. Either (a) History of Political Ideas or (b) Principles of Public International Law considered in its historical setting	1	340
VII. An Optional Subject	1	251-2, 262, 263, 291-5, 302, 330-1, 333, 335, 337, and others by intercollegiate arrangements.
VIII. } A Special Subject & IX. }	2	332, 334, 336, and others by intercollegiate arrangements.
X. 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; the Civilisation of the Renaissance in Italy, 1400-1550; and Diplomatic Relations of the Great Powers since 1815, and seminars or classes for the special subjects of Florence and the Renaissance, 1464-1530; the Economic and Social History of Tudor England; and the Reconstruction of Europe and the European Alliance, 1813-1822.

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
2. Recent Philosophy	489
3. Logic and Methodology	485-7
4. Political and Moral Philosophy	491, 540
5. Economic Theory	9, 35
6. Applied Economics	40, 41, 42
7. History of Economic Thought	10
8. Modern Economic History	260 (c) and (d)
9. The Philosophy of the Social Sciences	492

The examiners will 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.

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, 832, 835, 845, 861
2. Statistical Methods in Social Investigation	932, 933, 938
3. Comparative Social Institutions	640, 642, 835, 837, 838, 841
4. Ethics and Social Philosophy	854-7, 859
5. Social Psychology	701-4, 706-7, 709
6. Either (a) Social Structure of Modern Britain (2 papers) or (b) Græco-Roman Civilisation (2 papers)	753, 842, 847-9
7. or (c) European Civilisation in the Middle Ages (2 papers)*	842, 844
8. and	
9. Any two of the following:—	
(a) Social Structure and Social Change	840
(b) Social Policy and Social Administration	720-2, 724
(c) Comparative Morals and Religion	833
(d) Criminology	850-3
(e) Demography	682, 683

OPTION II

For examinations in 1961 the syllabus will be as follows:—

1. Theories and Methods of Sociology	830, 832, 835, 845, 861
2. Statistical Methods in Social Investigation	932, 933, 938
3. Comparative Social Institutions	640, 642, 835, 837, 838, 841
4. Ethics and Social Philosophy	854-7, 859
5. and	
6. Social Anthropology (2 papers)	640-53, 654
7. Ethnography of a Special Area	655-59
8. and	
9. Any two of the following:—	
(a) Social Psychology	701-4, 706, 707, 709
(b) Social Structure and Social Change	840
(c) Comparative Morals and Religion	833
(d) Criminology	850-3
(e) Demography	682, 683

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

	Reference Nos. of Courses.
OPTION II	
For examinations <i>in and after</i> 1962 the syllabus will be as follows:—	
1. Theories and Methods of Sociology	830, 832, 835, 845, 861
2. Comparative Social Institutions	640, 642, 835, 837-8, 841
3. Ethics and Social Philosophy	854-7, 859
4. General Principles of Cultural and Social Anthropology	640, 642-53, 654
5. Economic and Political Systems	
6. Moral and Ritual Systems	655-9
7. Ethnography of a Special Area	
8. Development of Social Anthropology (with special reference to selected texts)	641
9. One of the following:—	
(a) Social Psychology	701-4, 706, 707, 709
(b) Demography	682, 683
(c) Statistical Methods in Social Investigation	932, 933, 938

(NOTE.—Internal candidates who fail to pass the B.A. Honours Examination in Sociology under the present Regulations in 1961 will be permitted to enter again in 1962 under the present Regulations, taking the papers set for External Students.)

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.

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

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, or to the similar leaflet issued by the School.

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 141-150.

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

- Industrial Evolution and Management
- Economic Aspects of Industry and Commerce
- Commercial Practice, Office Management and Business Methods.

LAW

The Bar

The following exemptions from subjects of the first part of the Bar examination may be granted to persons who have satisfied the examiners at the London LL.B. examination:—

- (a) from Roman Law on passing in that subject at the Intermediate LL.B. examination;
- (b) from Constitutional Law on passing in the papers in Constitutional Law and the English Legal System at the Intermediate LL.B. examination;
- (c) from Elements of Contract and Tort, if the candidate has obtained Second Class Honours in the Intermediate and Final LL.B. examination or has attained a standard corresponding to Second Class Honours in respect of the two papers on General Principles of English Law;

- (d) from Elements of Real Property if the candidate has obtained Second Class Honours in the LL.B. examination with this subject or has attained a standard equivalent to that required for Second Class Honours in the LL.B. paper on English Land Law;
- (e) from Criminal Law if the candidate has obtained Second Class Honours in the LL.B. Final examination, or has attained a standard equivalent to that required for Second Class Honours in the LL.B. paper in Criminal Law.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor. The normal period of articles is five years. For candidates who have taken the B.A., LL.B. or B.Sc. (Econ.) degrees, this period is reduced to three years. For candidates who have passed the Intermediate LL.B. the period is reduced to four and a half years and in some circumstances to four years.

Candidates must pass the examinations of the Law Society. Graduates in Laws are exempted from the legal portion of the Intermediate examination. Details may be obtained from the Law Society's Hall, Chancery Lane, W.C.2.

BANKING

The Banking Diploma of the Institute of Bankers

In addition to exemption from Part I of the Banking Diploma, bank officers of not less than three years' banking service, holding the London B.Sc. (Econ.) degree, may claim exemption from Monetary Theory and Practice and Accountancy, provided that they have passed in Accounting in Part I and taken the Money and Banking group in Part II of the degree examination. Candidates granted this exemption may, if they wish, present at one sitting the remaining Part II subjects of the Banking Diploma.

The Trustee Diploma of the Institute of Bankers

The Institute of Bankers have agreed that exemption be granted to holders of the degree of Bachelor of Laws of the University of London with not less than three years' banking service, from the whole of the Trustee Diploma examination, with the exception of Trust Accounting, Principles and Practice of Investment, and Practical Trust Administration, provided they have passed the following subjects in the Final examination for the degree:—

English Land Law
 Conveyancing
 Succession, Testate and Intestate
 Mercantile Law.

THE ACTUARIAL PROFESSION

Students who have obtained the B.Sc. (Econ.) degree with Mathematics in Part I and Statistics in Part II with Demography and Actuarial Statistics as optional subjects, *may* be granted exemption from the Entrance Examination and from certain papers in other parts of the examination 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:—

- (i) The Academic Postgraduate Diploma in Anthropology.
- (ii) The Academic Postgraduate Diploma in Social Studies in Tropical Territories.
- (iii) The Academic Postgraduate Diploma in Law.
- (iv) The Academic Postgraduate Diploma in Psychology.
- (v) The Academic Postgraduate Diploma in Public Administration.
- (vi) 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. Where courses of lectures are not provided at the School, they are arranged at other colleges of the University under intercollegiate arrangements.

Full details of the regulations governing these diplomas are given in the pamphlet *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, W.C.1. All students should consult them.

i. 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 (i.e. working under engagements or agreements with the Governments of the Dominions, 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 Archaeology;
 - (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).

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 years' course, or, with the permission of his teachers, he may enter for the examination in the general paper 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, 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: 640-52, 655-9, 830, 833, 857.

ii. The Academic Postgraduate Diploma in Social Studies in Tropical Territories

This course is designed for persons engaged in or hoping to take up work in tropical territories and other territories with comparable problems. It may also be of interest to persons wishing to gain an understanding of administrative, political, social and economic affairs in such territories. It is intended to provide an understanding of the problems characteristic of underdeveloped territories in general, and the subjects listed are to be understood as being treated with special reference to such areas.

The course for the diploma is open to:—

- (a) Graduates of this or another approved University whose undergraduate studies or experience in affairs of tropical or other comparable territories have, in the opinion of the University, provided a suitable preliminary training.

- (b) In special circumstances, 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.

Except as provided below students are required to attend a course of study approved for this purpose by the University, extending over two sessions. The course of study must, unless special exemption be obtained, be continuously pursued.

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

Civil Servants (British or foreign) who have spent at least two years in service overseas, or, at the discretion of the University on report by the Special Advisory Board on Colonial Studies, persons who during a similar period have obtained comparable experience,

the student will be required to attend an approved course of instruction at a School of the University during three academic terms, which terms need not necessarily be consecutive, but shall be concluded within five years of registration.

Candidates are required to take the following:—

- A. COMPULSORY SUBJECTS
ONE paper on each of the following:
 - (1) The Administration of Dependent Territories and New States.
 - (2) Political and Economic Development of Tropical Dependent Territories, 1850 onwards.
 - (3) Social Structure and Organisation.
- B. OPTIONAL SUBJECTS
*TWO papers to be selected from the following:
 - (1) Economics.
 - (2) Colonial Law.
 - (3) Anthropology.
 - Either (a) Applied Anthropology or
 - (b) Anthropology of a Selected Region.
 - (4) Social Administration.
 - (5) Geography of a Selected Region.
 - (6) Demography.
 - (7) An Oriental or African Language.
 - (8) History of a Selected Region.

Any candidate may apply during the first year of the course (or, in the case of candidates wishing to take the diploma after three consecutive or separate terms, during the first term of the course, at the time of application for registration) for permission to submit original work in the form

* The choice will be subject to the University's being satisfied that the candidate has had a suitable preliminary training or experience.

of a dissertation in lieu of one or both of the optional papers. Such application shall state the provisional title of the dissertation. The final title of the dissertation, if different from the provisional title, must be submitted for approval by 1 January in the year in which the examination is to be taken.

Candidates who are allowed to submit a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion by 1 June in the year of their examination.

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

iii. The Academic Postgraduate Diploma in Law

The Diploma course is open to graduates of this or another approved University whose undergraduate courses or previous experience have, in the opinion of the University, 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.

A student will be required to attend an approved course of study extending over not less than one session and this course of study must, unless special exemption be obtained, be continuously pursued.

A candidate may obtain the Academic Postgraduate Diploma in Law

EITHER

(a) By passing at one and the same examination in *three* subjects, one from each of the groups enumerated 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 examina-

tion in Shipping Law unless he also takes the examination in General Principles of the Law of Contract and Tort.

OR

(b) By passing the examination in English Legal Method, *or*, with the permission of the University, in one of the subjects for the time being which can be offered for the Master of Laws Degree Examination; and 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.

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. For candidates who submit a dissertation, the fee for re-examination in the written part only is £4. The fee payable on re-entry by a candidate who has been credited with the written part of the examination is £11.

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.

The examination is held once a year beginning on the third Monday in September.

The candidate must forward to the University by 1 September not less than two typewritten or printed copies of his dissertation and a short abstract (2 copies) of his dissertation comprising not more than 300 words.

If the Examiners consider that a candidate's dissertation is adequate but that he has not reached the required standard in the written part of the Examination they may, if they think fit, recommend that the candidate be exempted on re-entry from presentation of his dissertation. If a candidate whose dissertation is rejected reaches the required standard in the written part of the examination, the Examiners may, if they think fit, recommend that the candidate be credited with the written part of the examination and permitted on re-entry to submit a dissertation alone.

Students following the course for this Diploma as an approved third year's course of study for purposes of graduation in the University of London, will not be permitted to take the Diploma examination at the end of the course or to count the course as the course of study for the Diploma.

iv. The Academic Postgraduate Diploma in 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 university graduates in psychology who intend to take up practical work in certain specific fields. Graduates in other subjects may be accepted, subject to their having passed a qualifying examination in psychology set by the University of London.

The examination for the diploma is held once a year in June and may be taken in any one of four sections: Social Psychology, Educational Psychology, Occupational Psychology, Abnormal Psychology. The School offers courses of instruction leading to the examination in Section A, Social Psychology, the syllabus for which is as follows:—

1. Experimental and other methods of scientific enquiry in the laboratory and in the field.

The design of research in social enquiry; observation; participant observation; the interview; methods of attitude measurement; methods of personality assessment; techniques of studying group processes; sampling and statistical analysis of data.

2. The Psychology of Social Behaviour.

(a) The application of psychological principles to social behaviour with special reference to the study of perception, learning, and other higher mental processes. (b) Attitude formation and the development of values. Problems of attitude change. (c) Theories of personality development. The family and the socialisation of the child. The differential effect of class and culture. (d) The study of groups with special reference to the inter-relationship of their members. (e) Selected aspects of human relations at work; e.g. communication, motivation, morale. (f) Selected aspects of intergroup conflict and cooperation, e.g. ethnic prejudice, industrial conflict. (g) Public opinion and mass communication in relation to, e.g. political behaviour, propaganda, consumer preference.

3. Concepts and methods of Sociology and Social Anthropology.

Social structure and its constituents: the institutions of socialisation; kinship and marriage; the institutions of economic production and allocation; social control as a sociological problem; sociological aspects of magic and religion.

Analysis of the social systems of industrial and other societies.

4. Dissertation and Practical Work.

v. 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)	576, 578, 605-8, 612
and <i>three</i> of the following (one paper each):—	
Economics, with special reference to Public Finance	8, 9, 42
Social and Political Theory	54I
Statistics	925, 926-8, 932, 938
Social Structure	836, 84I
Constitutional and Administrative Law	36I, 376

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

NOTE: Numbers in italics denote optional courses.

The examination consists of five three-hour papers on the subjects listed above. The essay must be 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 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.

vi. The Academic Postgraduate Diploma in Statistics

An Academic Postgraduate Diploma in Statistics has been instituted and the first examination will be held in 1961. Copies of the Regulations for the Diploma can be obtained on application to the Academic Registrar, University of London, Senate House, London, W.C.1. Enquiries about teaching arrangements at the School should be addressed to the Registrar.

REGULATIONS FOR CERTIFICATES AWARDED BY THE SCHOOL

The School grants the following certificates which are recognised by the University as certificates of proficiency:—

- (i) Certificate in Social Science and Administration.
- (ii) Certificate for Social Workers in Mental Health.
- (iii) Certificate in Personnel Administration.
- (iv) Certificate in Applied Social Studies.
- (v) Certificate in International Studies.

Candidates for any of these certificates 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. Certificate in Social Science and Administration

The certificate, awarded to students in the department of Social Science and Administration, is intended primarily for men and women who wish to prepare themselves for work in the field of the statutory or voluntary social services, or for personnel work in industry or commerce. The course is designed to give a general education in the social sciences and is normally followed by further training leading to a professional qualification.

The course for the certificate combines theoretical study of the social sciences and practical experience in the field of social administration and social work. The curriculum includes lectures and classes on Economic and Social History, Social Structure and Social Philosophy, Psychology, Economics, Social Policy and Social Administration. Each student is assigned to a member of the staff of the department who will act as his Tutor and be responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work.

Field work 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. All students are required to do a minimum of sixteen weeks' full-time field 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.

The full-time course of training for the Social Science Certificate occupies two sessions. Students who are already graduates of a British university may be able to qualify for the certificate in one year. Graduates taking the one-year course must be able to undertake the necessary practical work either before or after their theoretical training. The regulations governing admission to this certificate course are set out on page 97.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Elements of Social Analysis	1	848, 857, 938
Social Policy and Administration	1	606, 607, 720-4, 727-9, 773, 850, 852
Psychology	1	700, 705
Social Economics	1	8, 40-43

Students are required to pass in all of these subjects, and, in addition, they must reach the required standard in their practical work.

STUDENTS FROM OVERSEAS

Alternative lectures and classes are provided, within the Social Science Certificate course, 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 practical work will be the same as for British students, but it will be adapted to the students' individual needs.

ii. Certificate for Social Workers in Mental Health

A certificate is awarded to students who satisfactorily complete the Mental Health Course conducted by the department of Social Science and Administration. The 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, mental 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 deficiency, psychology, child development, law and administration. The practical work is carried out, under the supervision of psychiatrists and psychiatric social workers, at selected child guidance clinics and psychiatric hospitals, and is designed to give experience in work for both adults and children. It 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 throughout the course.

The regulations governing admission to this certificate course are set out on pages 97 and 98.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Psychiatry and Mental Deficiency	1	770-81
Psychology and Mental Health in Childhood and Adolescence	1	
Social Case Work and Administration	1	
Current Social and Psychological Problems	1	

iii. Certificate in Personnel Administration

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 is 1 March for overseas candidates and 21 May 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 certificate 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.

iv. Certificate in Applied Social Studies

The School offers a one-year course in social casework leading to a Certificate 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 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. 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 do not intend to specialise in one of these branches or who have not as yet decided in what type of social agency they wish to work. Where necessary, grant-aid may be available from local education authorities for such candidates. The closing date for applications is 1 February 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.

v. 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.

Normally, the course is open only to students who are able to give to it two full sessions and who already have a university degree. Candidates whose mother tongue is not English may be required before registration 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 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	291-5, 302
International Relations (General)	1	500, 508-9, 511, 516, 528
International Institutions	1	506
General Economics; and the Economic Factor in International Affairs	1	8, 101, 507, 521
International Law	1	369
II. Optional Subjects.		
<i>One subject from among the following:—</i>		
(i) English Political and Constitutional History since 1660		250
(ii) British Public Administration		575
(iii) Elements of English Law		360-2
(iv) Maritime Law and The Law of Marine Insurance		—
(v) The Geographical Factor in International Relations		515
(vi) The Commercial Development of the Great Powers		260
(vii) Comparative Constitutions and Comparative Government		577-83, 589
(viii) The Technique and Procedure of Diplomacy		505
(ix) Colonial Government and Administration		630
(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.

Over 700 students were registered in the Graduate School in session 1959-60. 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. 207-211.) The Research Students' Common Room and Research Students' Association arrangements are described on pp. 221 and 222.

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 April 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 ($\frac{1}{4}$ inch to $\frac{1}{2}$ 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 13s. 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. No student who is or has been registered as an internal student for the Ph.D. degree will be permitted to proceed to the Ph.D. degree as an external student, except in special cases and with the approval of the Academic Council.

5. 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

6. Every candidate must pursue as an internal student:—

(a) a course of not less than two 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 years and not more than four years as may be prescribed in each individual case by the Academic Council.

*N.B.—*The expression "two years" in these regulations will be interpreted in the case of students registering for the Ph.D. degree in October as the period from the beginning of that month to the June in the second year following. In other cases, and invariably in the Faculties of Engineering and Science, it will be interpreted as two calendar years.

7. 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.

8. The course must be pursued continuously, except by special permission of the Senate.

9. 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

10. 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.

11. 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.

12. 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

13. 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.

14. 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.

15. 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

16. After the examiners have read the thesis they may, if they think fit and without further test, recommend that the candidate be rejected.

17. 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.

18. 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.

19. 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.

20. 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.

21. 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 whole-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.), B.Com. 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 as Internal Students 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 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.
- Urban Geography.
- The Urban Geography of an approved country or major region.
- The Geography of Population.
- Applied Geography (application of Geographical methods of analysis and synthesis in physical planning).
- Geomorphology.

Economic History—

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

Political Science—

- An approved period of the history of European, British or American political thought.
- An approved topic in political philosophy.
- Comparative central government and politics.
- Comparative local government and politics.
- The government and politics of a selected country.
- The theory and practice of Public Administration.
- The Civil and Public Services.
- The Social Services.
- Government Services in relation to Trade, Industry, or Agriculture.
- Political Parties and Pressure Groups.
- The Electoral Process.
- Commonwealth Relations.
- International Government and Administration.
- Public Enterprise.
- The Administration of Non-Self-Governing Territories.

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.
- Social systems of simpler societies.
- Economic systems of simpler societies.
- Government and law in simpler societies.
- Ritual systems of simpler societies.
- Applied anthropology.

Economics (including Banking, Commerce and Business Administration)—

The General History of Economic Thought.
 Advanced Economic Theory.
 The Theory of Output and Employment.
 The Theory of Prices (including its history since 1870).
 The Distribution of Income (between economic categories and between persons, including the history of the theory and some acquaintance with the relevant statistics in modern times).
 Capital and Interest.
 The Economics of Population (including the history of the theory and some acquaintance with vital statistics in modern times).
 Mathematical Economics.
 The Economic Functions of the State.
 International Economics.
 Public Finance.
 Problems of Monopoly (theoretical and descriptive).
 The Economics of Labour.
 Industrial Relations.
 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.
 Accounting.
 Economic Aspects of Social Institutions.
 Economic Growth (with particular reference to the problems of under-developed countries).
 Land Economics.
 Marketing.
 Economic Problems of a Particular Region.

Statistics—

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

International Relations—

International Relations, considered whether generally or with special reference either to their geographical and strategic, or their economic, or their philosophical and psychological aspects, or to the sociological aspects of international law.
 The interplay of politics at the domestic and international levels considered whether generally or with reference to the problems of a specified region or grouping of countries, e.g., the Middle East, the Far East, Central and Eastern Europe, Latin America, the Commonwealth.
 International institutions considered whether generally or with special reference either to their administrative or to their organisational aspects.

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.

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 COMMERCE (M.Com.)

This degree is no longer conferred. It is, however, possible and quite usual for holders of the London B.Com. to apply for registration for the M.Sc. (Econ.).

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

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

It is also possible in certain cases to register candidates in the branches of Psychology and 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

All candidates, before proceeding to the M.A. examination in a branch of Anthropology, will be required to have passed the B.A. honours examination in Anthropology, unless in any special cases the University, on the report of the Board of Studies in Anthropology, grants exemption from the general rule.

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.

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.)

Except as provided below no person shall be admitted to the examination for the degree of LL.M. as an Internal Student until after the expiration of two calendar years from the time of his obtaining the LL.B. degree or the Academic Postgraduate Diploma in Law of this University or an equivalent degree examination in Common Law of another university.

The LL.M. examination will take place once in each year, beginning on the third 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.
- (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.

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

II. Examination with Dissertation

(1) The candidate must submit a dissertation which must be written in English* 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.

(2) The written portion of the Examination shall consist of one paper in each of any two of the subjects enumerated above. A candidate may be allowed to take the two papers after expiration of one calendar year from the time of his taking the LL.B. degree or after pursuing one year's course of study for the LL.M. examination. No candidate will be allowed to submit his dissertation until he has satisfied the examiners in the written portion of the examination.

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.

* 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)

1960-1961

Entry forms for these examinations should be obtained from the office at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to the office for the Registrar's signature and subsequently reclaimed, since the student is responsible for the despatch of the form 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.

Entry closes	..	..	..	..	1 February 1961
Examination begins	..	..	..	..	24 May 1961

B.Sc. (Econ.) Final, Part II.

Entry closes	..	..	..	..	1 February 1961
Examination begins	..	..	..	..	8 June 1961

B.Sc. (Soc.).

Entry closes	..	..	..	..	1 February 1961
Examination begins	..	..	..	..	8 June 1961

M.Sc. (Econ.).

December Examination

Entry closes	..	..	..	..	15 September 1960
Examination begins	..	..	..	..	5 December 1960

May Examination

Entry closes	..	..	..	..	1 February 1961
Examination begins	..	..	..	..	23 May 1961

LL.B. Intermediate (Special).

Entry closes	..	..	..	..	25 March 1961
Examination begins	..	..	..	..	5 June 1961

LL.B. Intermediate (General).

Entry closes	..	..	..	..	29 August 1961
Examination begins	..	..	..	..	27 September 1961

LL.B. Final (Pass and Honours).				
Entry closes	..	..	..	1 February 1961
Examination begins	..	..	..	12 June 1961
LL.M.				
Entry closes	..	..	..	1 June 1961
Examination begins	..	..	..	18 September 1961
B.A. Final.				
Entry closes	..	..	..	15 February 1961
Examination begins	..	..	..	1 June 1961
M.A.				
December Examination				
Entry closes	..	..	..	15 September 1960
Examination begins	..	..	..	5 December 1960
May Examination				
Entry closes	..	..	..	1 February 1961
Examination begins	..	..	..	23 May 1961
Academic Postgraduate Diploma in Anthropology.				
Entry closes	..	..	..	15 March 1961
Examination begins	..	..	..	12 June 1961
Academic Postgraduate Diploma in Law.				
Entry closes	..	..	..	1 June 1961
Examination begins	..	..	..	18 September 1961
Academic Diploma in Public Administration.				
Entry closes	..	..	..	15 April 1961
Examination begins	..	..	..	26 June 1961
Academic Postgraduate Diploma in Psychology.				
Entry closes	..	..	..	15 April 1961
Examination begins	..	..	..	19 June 1961
Academic Postgraduate Diploma in Social Studies in Tropical Territories.				
Entry closes	..	..	..	1 April 1961
Examination begins	..	..	..	3 July 1961

SPECIAL COURSES

- (i) Department of Business Administration.
- (ii) Course of Economics for Engineers and Applied Scientists.
- (iii) Course in Industrial Financing.
- (iv) Diploma in Economic and Social Administration.
- (v) Joint Postgraduate Studies in Technology, Economics and Administration.
- (vi) Trade Union Studies.

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 161.)

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 174 to 194.

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 122 to 134. In case of serious financial difficulty it may be possible to assist students, through the medium of the Loans and Bursaries Committee, from a special, small fund available to students attending this course.

For details of fees, see page 104.

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 and classes are held each week of term on Tuesdays from 10 a.m. to 1 p.m. and from 2 p.m. to 4 p.m. during the Michaelmas and Lent Terms. (For scheme of study see pages 258 and 259.)

Engineering students of Queen Mary College, who have completed the Part II Examination in Economic Analysis, are admitted to a course on Industrial Organisation in preparation for the Part III Examination.

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 practice of the financing of industrial and other development.

The course has been specially designed for experienced officials of overseas Government 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 finance and economic development 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, and of group and individual visits of observation to financial institutions, business houses, public corporations and government departments.

The syllabus of the course takes the following form:

1. Elementary Financial Training.
 - (a) Business accounts and their interpretation: including accounting methods; the interpretation of accounts; elements of cost accounting.
 - (b) Capital budgeting: including concepts of "yield" and their practical use; objectives and criteria in business investment policy; administrative and accounting aspects.
 - (c) Other aspects of business organisation and finance: including the relevance of interest rates; the choice of finance; the

- finance of small companies; company taxation; economies and diseconomies of large scale operations; types of business structure; industrial location.
2. Special Capital Problems of Underdeveloped Countries: including general problems of economic development; capital investment in underdeveloped countries.
 3. The Development and Operation of Capital Markets: including the operation of different types of financial institution.

Diploma in Economic and Social Administration

With the aid of funds provided by the Ford Foundation, a new course in Economic and Social Administration will be introduced in the session 1960-61. It will have special reference to the needs of the "underdeveloped" countries.

The course is designed primarily for men and women who are embarking on careers in the civil service, public corporations or suitable types of business in relatively low-income countries. Western ideas, institutions and experience will be drawn on extensively as the subject matter of the teaching, but they will be considered in relation to the problems and experience of less developed areas.

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.

It is expected that candidates for admission will normally be university graduates who have had some preliminary experience of administrative work. More senior candidates will also be considered. 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. 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 strictly limited.

The course will cover one academic year. There will be three main branches of teaching, namely economics, government and social administration, with opportunities for specialisation within each. The course will be open both to candidates who have previous training in these subjects and to those who have not. Each student will also choose an optional subject related to one of the three main subjects. Students will be examined in the three main subjects and the optional subject chosen. Those who satisfy the examiners will be awarded a Diploma by the

School. For students whose earlier studies have been appropriate, the Diploma examination may be regarded as the qualifying examination for admission to a further course of study for a higher degree.

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.

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 Postgraduate Research 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. Applications should be made to the Secretary, Department of Scientific and Industrial Research, Charles House, 5-11, Regent Street, London, S.W.1.

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 movement, 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 attending the course are admitted to any 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) Introduction to the Political Organisation of Great Britain.
- (vi) Elementary Statistics and Accounts.

International Organisation.—A series of classes is provided on the work of the International Labour Organisation and other international agencies.

Introduction to Modern Political Thought.—Provision is made for an optional weekly series of lectures and classes on this subject.

Current Problems.—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 (Mr. 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.

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 9,300 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 4,700 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 400,000 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. Volumes I-II of this work, listing the acquisitions up to 1955, are obtainable from the Librarian (see page 435).

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 over 650 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, and exhibitions are held there regularly. 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 60 on the first floor. 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; and a fuller "Guide to the Collections" is available at 2s. 6d. a copy, 2s. 9d. post free.

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), £1 1s. 6d. for a permit valid for six months, 10s. 6d. for a permit valid for three months; and, for persons in category (2) (d), 10s. 6d. for a permit valid 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. 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. Readers must not replace books on the open 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) Members of the School staff and 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 with the written authorisation of the Librarian in each case, and on such special conditions as he 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 700,000 books on many subjects, most of which may be borrowed for home reading, and about 4,000 current periodicals. There are several important special collections, including a Music Library.

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. A list of charges is available on application. In the Library there are eight micro-text readers (microfilm, 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 156 to 159).

The B.Sc. (Sociology) degree, the B.A. degree in Sociology, and the Certificate in Social Science and 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 Certificate for Social Workers in Mental Health is an approved qualification.

Current detailed information on particular careers can be obtained from the handbook, *Careers for Graduates*, published for the University of London Appointments Board by the Athlone Press, and obtainable from any bookseller (price 5s.), or direct from the Appointments Board, 49, Gordon Square, W.C.1 (price 5s. 6d., post free).

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 *Handbook* 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 *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:

DIGBY WOLFE.

Executive Officers:

President	E. W. LOCK.
Deputy President	J. MISRA.
Administrative Vice-President	F. S. MANJI.
Social Vice-President	Miss P. D. WADDLETON.
External Affairs Vice-President	C. A. SHORTHOUSE.
Welfare Vice-President	R. A. RATES.
General Secretary	A. T. MEADEN.
Senior Treasurer	A. K. MARFATIA.

CLARE MARKET REVIEW

Editor J. D. HALL.

BEAVER

Editor D. ESSELMONT.

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	M. BUNGEY.
Athletics	J. P. SMITH.
Badminton	R. G. ALLEN.
Basketball	—
Boat (Men's)	B. C. C. TINDALE.
Boat (Women's)	—
Cricket	R. C. BULLEN.
Cross-country	R. M. HEELER.
Fencing	A. AND.
Golf	D. H. J. SHEASBY.

<i>Club</i>	<i>Secretary</i>
Hockey (Men's)	R. A. RATES.
Hockey (Women's)	Miss B. P. FROST.
Judo	K. A. SUNDSTRÖM.
Mountaineering	Miss D. GARRARD.
Netball	—
Riding	Miss A. FORBES.
Rifle	—
Rugby Football	B. C. LONG.
Sailing	A. RATLIFF.
Squash (Men's and Women's)	F. D. NORBURN.
Swimming and Water Polo ..	E. C. CHURCH.
Table Tennis (Men's)	O. MEHMET.
Table Tennis (Women's) ..	Miss M. JOHNSON.
Tennis (Men's)	M. D. BARTMAN.
Tennis (Women's)	Miss H. CLAY.
Y.H.A.	Miss S. PENNY.

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	J. A. GOODMAN.
Vice-Presidents	D. W. ALLEN, N. SPEED.
General Secretary	E. P. BLOOD.
Assistant General Secretary ..	J. D. MILNES.
Senior Treasurer	M. SHUTTLEWORTH.
Junior Treasurers	A. HINDMARCH, J. T. HABERSHAW.

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.

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 140 students: in single, double, and treble study-bedrooms. The fees are, at present, at the rate of £50, £47 10s. and £45 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.

CONNAUGHT HALL OF RESIDENCE,

15-20, Torrington Square, London, W.C.1.

The present premises are due to be closed down at the end of 1960.

Plans exist for the transfer of the Hall to new premises in Tavistock Square, W.C.1. Details will be published in due course.

LONDON HOUSE

Guilford Street, W.C.1.

London House accommodates men—mostly postgraduates—from the Commonwealth and Empire including a limited number from the

United Kingdom. It was established by the Dominion Students' Hall Trust. The buildings can now accommodate 270.

Fees for residence (excluding meals) vary between £2 9s. and £4 14s. 6d. weekly. Meals can be taken in the Cafeteria in the Dining Hall.

The House is close to three stations on London Transport railways, viz., King's Cross (Metropolitan and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central London 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:—126 guineas each for shared study-bedroom, 141 guineas for single (and for share of certain larger double) study-bedrooms, for the session of about 30 weeks.

Principal:—MISS P. D. EDE, B.A. (CANTAB.), from whom further particulars may be obtained.

CANTERBURY HALL

Hall 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 £129 15s. to £140 5s. per session of about 30 weeks. There are no retaining fees in vacation.

Some 35 rooms are reserved for students of the School. 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 HOUSE

Intercollegiate 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 190 women students in 25 double and 115 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:—£114 15s. (for share of double room) and £129 15s. (single room) per session of about 30 weeks. This includes breakfast and dinner every day and full board on Saturdays and Sundays.

Applications should be sent at 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 108 postgraduate women students from the British Commonwealth and the United States of America. In addition there are 32 self-contained flats for married students.

Fees, including breakfast, are from £3 17s. to £4 11s. 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 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, 1959/60

President	The Right Hon. Lord DALTON, M.A., D.Sc. (Econ.), D.Sc., LL.D.
Vice-President	DR. VERA ANSTEY.
Representative of the London School of Economics Society on the Court of Governors	W. H. B. CAREY, F.C.A.
Secretary	W. M. STERN.
Entertainments Secretary	MISS H. MARJORIE SIMPSON, S.R.N.
Treasurer	J. B. SELIER, F.C.A.
Auditor	K. C. POLLOCK, F.C.A.
Committee Members	THE OFFICERS and MRS. OLGA AIKIN, DR. ANNE M. BOHM, N. M. EKSERD- JIAN, MISS JANET A. KYDD, P. J. C. PERRY, B. ROWNTREE, J. R. YORKE- RADLEIGH.

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 £3 13s. 6d. and annual subscription 10s. od., with a reduced subscription of 5s. for the first session after terminating registration as a student of the School. 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, J. K. HORSEFIELD, 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 raised more than £1,500 and has 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 a set of attractive garden furniture for a third-floor roof garden. 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. 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 is a Research Common Room on the fourth floor of the Main Building (Room 402) which is open during regular School hours: tea is served here in term time at 4 p.m. on Thursdays, 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 Thursday in the Michaelmas Term, to introduce them to other students and to help them find their way about the School.

1959-60 :

<i>President</i>	E. D. BRIGGS.
<i>Secretary</i>	P. SCHWARTZ.
<i>Treasurer</i>	M. H. KENNEDY.
<i>Committee</i>	S. K. BHASKAR, O. I. ODUMOSU, R. M. PIKE, F. S. TRUMBOWER.

iv. 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, 1 October 1960, 11 a.m.

First Year undergraduate Evening Students:

Tuesday, 4 October 1960, 6.45 p.m.

LIBRARIAN'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 1 October 1960, 3 p.m. and 5 p.m.

Evening Students: Wednesday, 5 October 1960, 8 p.m.

Other Day Students: Thursday, 6 October 1960, 5 p.m.

GENERAL LECTURES

131. **The Economics of Advertising.** Mr. Taplin. Six lectures, Lent Term.

360. **English Legal Institutions.** Mr. Diamond. Twenty lectures, Sessional.

456 (a). **The Evolution of French Society, 1815-1871: The Literary Evidence.** Mrs. Scott-James. Ten lectures, Michaelmas Term.

456 (b). **French Literature and Politics, 1815-1871.** Mr. John and Dr. Tint. Ten lectures, Lent Term.

456 (c). **Social and Political Themes in French Literature, 1871-1918.** Mrs. Scott-James, Dr. Tint and Mrs. Orda. Ten lectures, Summer Term.

457 (a). **French Writers and the Problems of the Inter-War Period, 1918-1940** (in French). Mrs. Scott-James. Ten lectures, Michaelmas Term.

457 (b). **The French Approach to Selected National and International Problems, 1940-1959.** Mr. John and Dr. Tint. Ten discussion classes, Lent Term.

469. **Social and Political Movements in German Literature, 1806-1848.** Professor Rose. Twelve lectures, Michaelmas and Lent Terms.

470. **Changes in the German Social Structure as reflected in the Drama since 1780.** Miss Schatzky. Six lectures, Lent Term.

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.

541. **Political and Social Theory.** Mr. Greaves and Mr. Cranston. Fifteen lectures, Michaelmas and Lent Terms.

576. **Problems of Parliament.** Mr. Bassett and Mr. Panter-Brick. Ten lectures, Michaelmas Term, for day students; five lectures, Lent Term, for evening students.

- 578. The Government and Politics of Modern France.** Mr. Pickles. Ten lectures, Michaelmas Term.
- 584. Political Parties.** Mr. Pear. Ten lectures, Lent Term (evening only).
- 609. Town and Country Planning: Its aims, methods and problems.** Professor Robson, Professor Wise, Mr. Self and Mr. Estall. Fifteen lectures, Lent and Summer Terms.
- 640. Introduction to Social Anthropology.** Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.
- 642. Introduction to the Study of Family and Kinship.** Mrs. Lancaster. Ten lectures, Lent Term.
- 647. The Family.** Mr. Morris. Ten lectures, Lent Term.
- 649. Anthropology and Social Problems.** Dr. Mair and other members of the Department. Twenty lectures, Michaelmas and Lent Terms.
- 654. Race and Society.** Dr. Freedman. Six lectures, Summer Term.
- 720. Introduction to Social Policy.** Professor Titmuss. Ten lectures, Michaelmas Term.
- 836. Social Structure: An Introductory Course.** Dr. Tropp. Ten lectures, Lent Term.
- 847 (b). Political Structure and Political Behaviour.** Mr. McKenzie. Ten lectures, Summer Term.
- 850. The Causes and Treatment of Crime.** Mr. Hall Williams. Twenty lectures, Michaelmas and Lent Terms.
- 925. Introduction to Statistical Sources.** Professor Allen. Ten lectures, Michaelmas Term.
- 932. Social Statistics.** Mr. Moser and others. Ten lectures, Lent Term.
- 938. Methods of Social Investigations.** Mr. Moser. Ten lectures, Michaelmas Term.

Classes in Modern Languages for students not taking a language as an examination subject. (See page 331.)

ECONOMIC AND SOCIAL ADMINISTRATION

ECONOMIC AND SOCIAL ADMINISTRATION

I. Economic Analysis and Policy. Mr. Klappholz. Sessional.

For One-Year Course 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.

All students will attend Course No. 102, Problems of Applied Economics in Underdeveloped Countries.

A class will be held by Mr. Klappholz throughout the session.

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

- No. 8.—Introduction to Economics.
- No. 40.—The Structure of Modern Industry.
- No. 41.—Labour.
- No. 42.—The System of Public Finance.
- No. 43.—Recent Economic Developments.
- No. 110.—Problems of Economic Growth in Underdeveloped Countries.

2. Theory and Practice of Government. Mr. Self. Sessional.

For One-Year Course 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. 576.—Problems of Parliament.
- No. 577.—The Theory and Practice of Public Administration.
- No. 583.—Problems of Comparative Government.
- No. 605.—The Central Government.
- No. 631.—Government in New and Emergent States.

3. Social Structure and Policy. Mr. J. H. Smith. Sessional.

For One-Year Course 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.

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. 647.—**The Family.**

No. 649.—**Anthropology and Social Problems.**

No. 720.—**Introduction to Social Policy.**

No. 722.—**Social Administration.**

No. 724.—**An Introduction to the Financial Problems of the Social Services.**

No. 841.—**Comparative Social Institutions.**

No. 938.—**Methods of Social Investigations.**

4. Administrative Problems of Economic and Social Change (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 transplantation of institutions from one society to another;
- (iii) political movements in societies undergoing rapid change.

Reference will be made to the relevant policies and methods of Western countries, and their suitability for other parts of the world will be discussed.

**ECONOMICS, ANALYTICAL AND APPLIED
(INCLUDING COMMERCE)**

I. General Economic Theory	Page
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II. Applied Economics:	
(a) General	242
(b) Money and Banking	250
(c) International Economics and Regional Studies	253
(d) Business Administration and Accounting	256
(e) Transport	264

ECONOMICS, ANALYTICAL AND APPLIED (including Commerce)

I. GENERAL ECONOMIC THEORY (including History of Economic Thought)

8. Introduction to Economics. Mrs. Kerrigan. Eighteen lectures, Michaelmas and Lent Terms.

For Certificate in Social Science and Administration (First Year), Certificate in Social Science and Administration (First Year) (Overseas Option). Personnel Administration students, Certificate in International Studies, students attending the Trade Union Studies Course, and Overseas Service Officers. Optional for Diploma in Public Administration (day only) (First Year).

Syllabus.—Some fundamental principles of economics, and illustrations of their 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*.

FOR REFERENCE AND SPECIAL TOPICS: P. A. Samuelson, *Economics: An Introductory Analysis*.

9. Elements of Economics. Forty-five lectures in two sessions.

For B.Sc. (Econ.) Part I. B.A. Honours in Philosophy and Economics (First and Second Years); B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics. Optional for Diploma in Public Administration.

First Year: Dr. Ozga (day) and Dr. Lancaster (evening). Twenty-seven lectures.

Syllabus.—An introduction to economic analysis with primary emphasis on price theory and distribution theory.

Recommended reading.—One of the following textbooks should be read early in the course: F. C. C. Benham, *Economics*; P. A. Samuelson, *Economics: An Introductory Analysis*; W. J. Baumol and L. Chandler, *Economic Processes and Policies*; A. K. Cairncross, *Introduction to Economics*; K. E. Boulding, *Economic Analysis* (Revised Edition), Parts I and III. Further reading will be given as the course proceeds.

Second Year: Professor Paish and Mr. Klappholz (day), Mr. Day and Mr. Klappholz (evening). Eighteen lectures.

Syllabus.—Money and banking, employment, average price levels, interest rates and the balance of payments.

Recommended reading.—P. A. Samuelson, *Economics: An Introductory Analysis*, Parts II and V; A. C. L. Day, *Outline of Monetary Economics* (omitting starred chapters); J. H. B. Tew, *Wealth and Income*; A. H. Hansen, *Monetary Theory and Fiscal Policy*; E. H. Phelps Brown, *A Course in Applied Economics*, Chapters VI, IX, X and XI; R. S. Sayers, *Modern Banking* (4th edn.); J. H. B. Tew, *International Monetary Co-operation* (3rd edn.), Part II; N. A. D. Macrae, *The London Capital Market*, Part II.

10. The History of Economic Thought. Dr. Corry. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; and B.A. Honours in Philosophy and Economics (Third Year).

Syllabus.—A broad survey of the main schools of thought and main lines of development from Plato to Marshall.

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*; J. A. Schumpeter, *History of Economic Analysis*; W. C. Mitchell, *Lecture Notes on Types of Economic Theory*; 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 and the Evolution of Classical Economics; T. W. Hutchison, *A Review of Economic Doctrines, 1870-1929*. Further reading will be suggested during the course.

11. Economic Analysis. Professor Robbins. Thirty-six lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; and for graduate students.

Syllabus.—The course is designed to provide a general survey of the main problems of economic analysis suitable for honours specialization.

Recommended reading.—A. Marshall, *Principles of Economics*; F. H. Knight, *Risk, Uncertainty and Profit*; K. Wicksell, *Lectures in Political Economy*; I. Fisher, *The Rate of Interest*; J. R. Hicks, *Value and Capital*; A. C. Pigou, *The Economics of Welfare*; J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices*.

12. The Theory of the Firm. Mr. Archibald. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; and for graduate students.

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*.

Further reading will be recommended as the lectures proceed.

13. The Theory of International Trade. Mr. Archibald. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; and for graduate students.

Recommended reading.—G. Haberler, *A Survey of International Trade Theory*; L. Metzler, "The Theory of International Trade" in H. S. Ellis (Ed.), *A Survey of Contemporary Economics*; American Economic Association, *Readings in the Theory of International Trade* (especially the papers by Stolper and Samuelson, Leontief, Scitovsky and Graham); J. E. Meade, *The Theory of Customs Unions*; K. J. Lancaster, "The Heckscher-Ohlin Model: A Geometric Treatment" (*Economica*, February, 1957).

Further reading may be recommended during the lectures.

14. Macro-Economics. Mr. Knox and Professor Phillips. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Money and Banking and International Economics, Option (iv) (a); and for graduate students.

Syllabus.—A discussion of money, employment, interest rates, average price levels and the balance of payments. Recent analyses of growth and instability in industrial economies.

Recommended reading.—K. Wicksell, *Lectures in Political Economy*, Vol. II; E. R. Lindahl, *Studies in the Theory of Money and Capital*, Part II; J. M. Keynes, *The General Theory of Employment, Interest and Money*; A. C. L. Day, *Outline of Monetary Economics*; H. S. Ellis (Ed.), *A Survey of Contemporary Economics*, Chaps. 2, 6 and 9; J. S. Duesenbery, *Business Cycles and Economic Growth*; A. H. Hansen and R. V. Clemence (Eds.), *Readings in Business Cycles and National Income*; American Economic Association, *Readings in Business Cycle Theory*; J. R. Hicks, *A Contribution to the Theory of the Trade Cycle*; N. Kaldor, "A Model of Economic Growth" (*Economic Journal*, 1957); W. A. Lewis, *The Theory of Economic Growth*; National Bureau of Economic Research, *Conference on Business Cycles*; E. Lundberg and A. D. Knox (Eds.), *The Business Cycle in the Post-War World*; R. C. O. Matthews, *The Trade Cycle*.

15. The Theory of Economic Policy. Mr. Klappholz. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; and for graduate students.

Syllabus.—The course will attempt to provide a survey of the main general problems of economic policy. The treatment will be positive and analytical rather than descriptive and historical.

Recommended reading.—A. C. Pigou, *The Economics of Welfare*; J. M. Clark, *Social Control of Business*; L. C. Robbins, *The Economic Problem in Peace and War*; *The Theory of Economic Policy in English Classical Political Economy*.

16. Economic Theory Treated Mathematically. Dr. Lipsey. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (Second Year)—Students intending to offer Economics, Analytical and Descriptive, in Part II, and for other interested graduate and undergraduate students.

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 for those intending to offer Mathematical Economics as a Part II option. 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*; W. J. Baumol, *Economic Dynamics—An Introduction*; R. G. D. Allen, *Mathematical Economics*, Chapters 1-3; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*.

17. Introductory Mathematical Economics. Dr. Lancaster. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Option (v) (b); International Economics, Option (v) (c) and of Computational Methods (iii) (f) (Mathematical Economics); and for graduate students.

Syllabus.—Aspects of calculus, the theory of functions and other topics relevant to mathematical economics. The mathematical problems of economic models, and the choice of techniques and functional specifications for solving problems in economic analysis.

Students will be expected to have attended Course 16 or have equivalent familiarity with the use of mathematics in economics.

Recommended reading.—R. G. D. Allen, *Mathematical Analysis for Economists; Mathematical Economics*; P. A. Samuelson, *Foundations of Economic Analysis*; G. J. Stigler, *Production and Distribution Theories*; R. Solow, P. A. Samuelson and R. Dorfman, *Linear Programming and Economic Analysis*.

FOR GRADUATE STUDENTS

18. A Critical Survey of the Theory of Value. Dr. Mishan. Nine lectures, Lent Term.

For graduate students; undergraduates may be admitted by permission of Dr. Mishan.

Syllabus.—General equilibrium; partial equilibrium. Stability conditions.

Marginal utility; the indifference-preference hypothesis; revealed preference.

Variable and fixed proportions in production and consumption; rent and opportunity cost; Euler's theorem and factor-price determination; factor-endowment and international prices.

The rate of interest, growth and innovation.

Recent developments.—Input-output, linear-programming, and game theory.

Recommended reading.—J. R. Hicks, *Value and Capital* (2nd edn.); *A Revision of Demand Theory*; P. A. Samuelson, *Foundations of Economic Analysis*; G. J. Stigler, *Theories of Production and Distribution*; American Economic Association, *Readings in the Theory of Income Distribution*; E. Schneider, *Pricing and Equilibrium*; E. Fossati, *The Theory of General Static Equilibrium*; D. Patinkin, *Money, Interest and Prices*, Part I; W. W. Leontief, *The Structure of the American Economy*; National Bureau of Economic Research, *Input-Output Analysis—An Appraisal* (Wealth and Income Series, Vol. 18); H. Makower, *Activity Analysis and the Theory of Economic Equilibrium*; L. M. Fraser, *Economic Thought and Language*; L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*; T. W. Hutchison, *The Significance and Basic Postulates of Economic Thought*; M. Friedman, *Essays in Positive Economics*.

19. An Introduction to Welfare Economics. Dr. Mishan. Five lectures, Summer Term.

For graduate students; undergraduates may be admitted by permission of Dr. Mishan.

Syllabus.—Origins, aims and methods of welfare economics. The choice of criteria: consumers' surplus and resource allocation. The New Welfare economics and its limitations. Welfare economics and its critics.

Recommended reading.—(a) Books: A. Marshall, *Principles*, Book III (8th edn.); A. C. Pigou, *The Economics of Welfare* (4th edn.); A. P. Lerner, *The Economics of Control* (first 10 chapters); H. Myint, *Theories of Welfare Economics*; M. W. Reder, *Studies in the Theory of Welfare Economics*; 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*.

(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); O. Lange, "Foundations of Welfare Economics" (*Econometrica*, 1942); J. R. Hicks, "The Four Consumers' Surpluses" (*Review of Economic Studies*, 1944); T. de Scitovsky, "A Note on Welfare Propositions in Economics" (*Review of Economic Studies*, 1941); E. J. Mishan, "Realism and Relevance in Consumers' Surplus" (*Review of Economic Studies*, 1947/8); N. Ruggles, "The Welfare Basis of the Marginal Cost Pricing Principle" (*Review of Economic*

Studies, 1949/50); J. R. Hicks, "The Valuation of the Social Income" (*Economica*, 1940); I. M. D. Little, "Direct versus Indirect Taxation" (*Economic Journal*, 1951); P. A. Samuelson, "Evaluation of Real National Income" (*Oxford Economic Papers*, 1950); E. J. Mishan, "The Principle of Compensation Reconsidered" (*Journal of Political Economy*, 1952); K. Arrow, "Little's Critique of Welfare Economics" (*American Economic Review*, 1951); W. M. Gorman, "The Intransitivity of Certain Criteria used in Welfare Economics" (*Oxford Economic Papers*, 1955); R. E. Baldwin, "A Comparison of Welfare Criteria" (*Review of Economic Studies*, 1953/4); F. M. Bator, "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).

20. Capital and Capital Accumulation. Dr. Lancaster. Nine lectures, Lent and Summer Terms.

For graduate students, and those interested in the topic.

Syllabus.—Problems of the definition and measurement of capital. Decisions concerning the utilisation of capital. Decisions concerning the accumulation of capital. Models of capital accumulation processes.

Recommended reading.—K. Wicksell, *Lectures on Political Economy*, Vol. I, Part II and Appendix 2; F. A. and V. Lutz, *The Theory of Investment of the Firm*; W. J. Baumol, *Economic Dynamics—An Introduction*; R. Solow, P. A. Samuelson and R. Dorfman, *Linear Programming and Economic Analysis*, Chapters 11 and 12.

21. Dynamic Process Analysis. Professor Phillips. Eighteen lectures, Michaelmas and Lent Terms.

For graduate students and others interested in the subject. The first six lectures are also for B.Sc. (Econ.) Part II, Special subjects of Economics, Analytical and Descriptive, Option (v) (b), and International Economics, Option (v) (e), Statistics, Option (g), Computational Methods, Option (f), (Mathematical Economics).

Syllabus.—Methods of process analysis. Construction and analysis of dynamic models. The regulation of dynamic systems.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*; W. J. Baumol, *Economic Dynamics*.

22. Risk, Uncertainty and Expectations. Dr. Ozga. Nine lectures, Lent Term.

For graduate students and those interested in the subject.

Syllabus.—The nature of risk, uncertainty and expectations. Their place in economic analysis. Alternative theories of business behaviour in the conditions of uncertainty. Empirical generalisations and economic forecasting.

Recommended reading.—F. H. Knight, *Risk, Uncertainty and Profit*; A. G. Hart, *Anticipations, Uncertainty and Dynamic Planning*; G. L. S. Shackle, *Expectations in Economics*; C. F. Carter, G. P. Meredith and G. L. S. Shackle (Eds.), *Symposium on Uncertainty and Business Decisions*; G. Katona, *Psychological Analysis of Economic Behaviour*; National Bureau of Economic Research, *Short-Term Economic Forecasting (Studies in Income and Wealth, Vol. XVII)*; M. J. Bowman (Ed.), *Expectations, Uncertainty and Business Behaviour*.

23. Aspects of the Development of Economic Analysis in the Twentieth Century. Dr. Corry. Eight lectures, Lent Term.

For graduate students.

Syllabus.—The main focus of this course will be on the development of the theories of money, interest, and employment. Three main lines of approach will be traced through: (a) the Austrian developments of Wicksell's monetary analysis, with particular reference to Hayek and Mises; (b) the Swedish approach starting likewise from Wicksell and worked

out in the writings of Myrdal, Ohlin, Lundberg and Lindahl; (c) the "Cambridge" tradition stemming from Alfred Marshall and including the work of Pigou, Lavington, Hawtrey, Robertson and Keynes.

Recommended reading.—K. Wicksell, *Lectures on Political Economy; Interest and Prices*; F. A. Hayek, *Prices and Production; Profits, Investment and Interest*; G. Myrdal, *Monetary Equilibrium*; B. Ohlin, "Some Notes on the Stockholm Theory of Saving and Investment" (*Economic Journal*, 1937); A. Lerner, "Some Swedish Stepping Stones to Keynes" (*Canadian Journal of Economics and Political Science*, 1940); A. Marshall, *Money, Credit and Commerce*; A. Pigou, *Industrial Fluctuations*; "The Value of Money" (*Quarterly Journal of Economics*, 1917); F. Lavington, *The Trade Cycle*; D. H. Robertson, *A Study in Industrial Fluctuations; Banking Policy and the Price Level; Essays in Monetary Theory*; R. Hawtrey, *Good and Bad Trade; Currency and Credit*; J. M. Keynes, *A Tract on Monetary Reform; A Treatise on Money; The General Theory of Employment, Interest and Money*; J. A. Schumpeter, *History of Economic Analysis*; G. Haberler, *Prosperity and Depression*; S. Harris (Ed.), *The New Economics*; A. W. Marget, *The Theory of Prices*; J.-C. Antoine, *Introduction à l'Analyse Macro-Economique*.

24. Theory of Games and Linear Programming. Dr. Morton. Twenty lectures, Michaelmas and Lent Terms.

Recommended for graduate students and for B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Option (v) (b); International Economics, Option (v) (e) (Mathematical Economics); Statistics, Option (iv) (c) (Economic Statistics); and of Computational Methods, Option (e); and optional for other Special subjects.

Syllabus.—The course will provide mathematical background as well as economic interpretations and practical applications of the above subjects.

Recommended reading.—R. Dorfman, *Application of Linear Programming to the Theory of the Firm*; J. C. C. McKinsey, *Introduction to the Theory of Games*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; R. G. D. Allen, *Mathematical Economics*; R. D. Luce and H. Raiffa, *Games and Decisions*; S. Vajda, *Readings in Linear Programming*; W. W. Leontief, *The Structure of the American Economy*; M. Shubik, *Strategy and Market Structure*.

25. Advanced Topics in Mathematical Economics. Dr. Morton. Five lectures, Summer Term.

Recommended for graduate students, and optional for B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Option (v) (b); International Economics, Option (v) (e) (Mathematical Economics); Statistics, Option (c) (Economic Statistics); and of Computational Methods, Option (e); and other Special subjects.

Syllabus.—Recent developments in mathematical economics will be discussed. Students should have attended Course 24 on Theory of Games and Linear Programming.

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

26. Case Studies in Measurement and Testing in Economics. Mr. Archibald, Dr. Corry, Dr. Lancaster, Dr. Lipsey, Mr. Peston and Mr. Steuer. Ten lectures, Lent Term.

For graduate students and others interested in the subject.

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 Predictive Power of Marginal Productivity Theory of Distribution" (*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*.

27. General Equilibrium Analysis. Dr. Lancaster. Five lectures, Summer Term.

For graduate students.

Syllabus.—Equilibrium conditions, parametric changes, existence proofs and stability analysis for multiple markets.

Recommended reading.—R. G. D. Allen, *Mathematical Economics*, Chap. 10; J. R. Hicks, *Value and Capital*, Part II and Mathematical Appendices; P. A. Samuelson, *Foundations of Economic Analysis*, esp. Chap. 9; R. Dorfman, P. A. Samuelson and R. Solow, *Linear Programming and Economic Analysis*, Chap. 13; S. Karlin, *Mathematical Methods and Theory in Games, Programming and Economics*, Vol. I, Chaps. 8 and 9; T. J. Koopmans, *The State of Economic Science*, Essay I, Chaps. 1 and 2; G. Debreu, *Theory of Value*; Articles in *Econometrica* by L. A. Metzler (1945), Arrow and Debreu (1954), Arrow and Hurwicz (1958), F. Hahn (1958), Arrow, Block and Hurwicz (1959); P. Newman, "Some Notes on Stability Conditions" (*Review of Economic Studies*, October 1959).

Note.—Students should have attended the following courses, or be conversant with their subject matter:—

No. 17.—**Introductory Mathematical Economics.**

No. 21.—**Dynamic Process Analysis.**

No. 24.—**Theory of Games and Linear Programming.**

28. **Seminar.** A seminar will be held by Professors Phillips and Robbins, together with other members of the Economics Department. Admission will be strictly by permission of Professors Phillips and Robbins, to whom applications should be addressed in writing before the end of the first week of the Michaelmas Term.
29. **Linear Programming (Seminar).** Dr. Morton will hold a seminar for graduate students during the Michaelmas and Lent Terms. The seminar will be mainly concerned with developments in the fields of Activity Analysis and the Theory of Games.

Students attending this seminar should also refer to course No. 970—Operational Research Seminar, held by Professor Kendall and Dr. Foster.

30. **Course and Seminar.** A course and seminar will be held by Dr. Lancaster, Dr. Lipsey and Mr. Archibald for junior graduate students. The aim of the course and seminar 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 Dr. Lancaster.

The attention of graduate students is also drawn to:—

- No. 11.—Economic Analysis.
 No. 12.—The Theory of the Firm.
 No. 13.—The Theory of International Trade.
 No. 14.—Macro-Economics.
 No. 15.—The Theory of Economic Policy.
 No. 16.—Economic Theory Treated Mathematically.
 No. 17.—Introductory Mathematical Economics.

31. **Economics Classes.** A series of special classes will be held for students in the First Year of Part I of the B.Sc. (Econ.).
32. **Economics Classes.** A series of special classes will be held for students in the Second Year of Part I of the B.Sc. (Econ.).
33. **Economics Classes.** Fortnightly classes will be held throughout the session for students in the First Year of the B.A./B.Sc. (Sociology).
34. **Economics Classes.** Fortnightly classes will be held throughout the session for students in the Second Year of the B.A./B.Sc. (Sociology).

35. **Economics Classes.** A series of special classes will be held for students in the First and Second Years of the B.A. Honours in Philosophy and Economics.
36. **Economics Class.** A class will be held by Mr. Klappholz and Dr. Corry on set books in the History of Economic Thought for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).
37. **Economics Class.** A class will be held by Professor Robbins weekly in the Lent Term on General Economic Theory for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).
38. **Economics Class.** A class will be held by Mr. Wiseman and Mr. Archibald weekly throughout the session on Applied Economics for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).
39. **Economics Class.** A class will be held weekly throughout the session on Economic Analysis for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.).

II. APPLIED ECONOMICS

(including Money and Banking, International Economics, Business Administration and Accounting, and Transport)

(a) General

40. The Structure of Modern Industry. Professor Sir Arnold Plant. Ten Lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (First Year), B.A. Honours in Philosophy and Economics (First Year). B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Certificate in Social Science and Administration (First Year). Personnel Administration students and students attending the Trade Union Studies Course.

Syllabus.—An endeavour will be made in this course to account for the peculiarities of structure of particular industries, the differences which persist within them and the changes which are taking place.

Recommended reading.—Adam Smith, *Wealth of Nations* (Book I, Chaps. 1-4); E. A. G. Robinson, *The Structure of Competitive Industry*; G. C. Allen, *British Industries and their Organization*; Duncan Burn (Ed.), *The Structure of British Industry*; E. T. Penrose, *The Theory of the Growth of the Firm*; W. H. Hutt, *The Theory of Idle Resources*. The Reports of the Working Parties on British Industries appointed by the President of the Board of Trade, 1946, and the Reports of the Monopolies Commission.

41. Labour. Professor Phelps Brown. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (First Year). B.A. Honours in Philosophy and Economics (First Year). B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). For Social Science Certificate (First Year), Personnel Administration students, and students attending the Trade Union Studies Course.

Syllabus.—The working population, and its distribution between occupations and industries. Wage rates, money earnings, and real earnings; how wages have changed; wage negotiation and regulation. The problems of industrial relations; trade union structure and function. Problems of full employment.

Recommended reading.—A. E. C. Hare, *The First Principles of Industrial Relations*; J. H. Richardson, *An Introduction to the Study of Industrial Relations*; L. G. Reynolds, *Labor Economics and Labor Relations*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; P. Ford, *The Economics of Collective Bargaining*.

42. The System of Public Finance. Mr. Archibald. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part I (First Year). B.A. Honours in Philosophy and Economics (First Year). B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). For Certificate in Social Science and Administration (First Year) and students attending the Trade Union Studies Course. Optional for Diploma in Public Administration (First Year).

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.

43. Recent Economic Developments. Professor Paish (day) and Mr. Wiseman (evening). Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (Second Year). For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year). For Certificate in Social Science and Administration (Second Year) and students attending the Trade Union Studies Course.

Syllabus.—Population. National Income. Industrial Production. Money and Prices. Money Wages and Real Wages. Foreign Trade. Balance of Payments, Interest Rates 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*; A. C. Pigou, *Aspects of British Economic History, 1918-1925*; H. W. Arndt, *The Economic Lessons of the Nineteen-thirties; Report of the Royal Commission on Population, 1949* (Cmd. 7695); 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*; A. C. Pigou and C. Clark, *The Economic Position of Great Britain* (London and Cambridge Economic Service Special Memorandum No. 43); 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, 1960*; *United Kingdom Balance of Payments, 1956 to 1959* (Cmd. 861); *Economic Survey for 1960* (Cmd. 976); *The Ministry of Labour Gazette*; *Board of Trade Journal*; *London and Cambridge Economic Service Bulletins*; *National Institute Economic Review*; F. W. Paish, "The Economic Outlook" (*Westminster Bank Review*, February, 1960).

44. Some Problems of Applied Economics. Mr. Townsend. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (Second Year). For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year). For students attending the Trade Union Studies Course.

Syllabus.—Various examples chosen to demonstrate how economic analysis is applied to particular problems.

Recommended reading.—E. H. Phelps Brown, *A Course in Applied Economics*; R. S. Edwards and H. Townsend, *Business Enterprise*.

45. Principles of Wages. Professor Phelps Brown. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.—Special subject of Economics, Analytical and Descriptive; and for graduate students.

Syllabus.—A study of wages in practice and theory: some of the principal facts about wage changes, and wage differentials, which have to be explained, and the hypotheses suggested by economic analysis to account for them. In particular, analysis of: the relation between money wage-rates and the structure of prices and money incomes; the share of wages in the product; the determination of real wage-rates; and wage differentials.

Recommended reading.—A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; E. H. Phelps Brown and S. V. Hopkins, "The Course of Wage-Rates in Five Countries, 1860-1939" (*Oxford Economic Papers*, II, 2, June 1950); "Seven Centuries of Building Wages" (*Economica*, XXII, 87, August 1955); "Seven Centuries of the Prices of

Consumables, compared with Builders' Wage-rates" (*Economica*, XXIII, 92, November 1956); "Wage-Rates and Prices: Evidence for Population Pressure in the 16th Century" (*Economica*, XXIV, 96, November 1957); "Builders' Wage-Rates, Prices and Population: some further Evidence" (*Economica*, XXVI, 101, February 1959); E. H. Phelps Brown and S. A. Ozga, "Economic Growth and the Price Level" (*Economic Journal*, LXV, March 1955); S. S. Kuznets, *Secular Movements in Production and Prices*; R. Turvey (Ed.), *Wages Policy under Full Employment*; A. J. Brown, *The Great Inflation*; B. Hansen and G. Rehn, "On Wage-Drift" in *25 Essays in Honour of Erik Lindahl* (Stockholm, 1956); J. C. R. Dow, "Analysis of the Generation of Cost Inflation" (*Oxford Economic Papers*, 8, 3, October 1956); L. A. Dicks-Mireaux and J. C. R. Dow, "The excess demand for labour—a study of conditions in Great Britain 1946–56" (*Oxford Economic Papers*, 10, 1, February 1958); J. C. R. Dow and L. A. Dicks-Mireaux, "The Determinants of Wage Inflation: United Kingdom 1946–56" (*Journal of the Royal Statistical Society (A)* 122, 2, 1959); A. W. Phillips, "The Relation between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1861–1957" (*Economica*, XXV, 100, November 1958); G. Routh, "The Relation between Unemployment and the Rate of Change of Money Wage Rates: a Comment" (*Economica*, XXVI, 104, November 1959); R. G. Lipsey, "The Relation between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1862–1957: a Further Analysis" (*Economica*, XXVII, 105, February 1960); A. Marshall, *Principles of Economics*, V, viii, 4, 5; VI, i, ii, xi; J. R. Hicks, *Theory of Wages*, chap. 1; W. L. Valk, *The Principles of Wages*, chaps. 1–8; D. H. Robertson, "Wage Grumbles" in *Economic Fragments*; E. H. Phelps Brown and P. E. Hart, "The Share of Wages in National Income" (*Economic Journal*, LXII, 246, June 1952); E. H. Phelps Brown and B. Weber, "Accumulation, Productivity and Distribution in the British Economy, 1870–1938" (*Economic Journal*, LXIII, 250, June 1953); M. Kalecki, *Theory of Economic Dynamics*, Part I; J. T. Dunlop, *Wage Determination under Trade Unions*, c. viii; Clark Kerr, "Trade Unionism and Distributive Shares" (*American Economic Review*, XLIV, 2, May 1954); N. Kaldor, "Alternative Theories of Distribution" (*Review of Economic Studies*, 23 (2), 61, 1956); N. Kaldor, "A Model of Economic Growth" (*Economic Journal*, LXVII, 268, December 1957); H. A. Turner, "Trade Unions, Differentials and the Levelling of Wages" (*Manchester School*, September 1952); L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure*.

46. Short-term and Long-term Interest Rates. Professor Paish. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; Optional for Special subjects of Money and Banking, Option (v) (b); Industry and Trade, Option (iv) (a); and Accounting, Option (v) (a); and 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.

47. Economic Problems of Industry and Trade. Professor Yamey, Mr. Townsend and Mr. Peston. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade and of Economics, Analytical and Descriptive. For Special subject of Accounting, Option (v) (b), parts of this course, to be announced later, will be appropriate.

Syllabus.—The birth, growth and location of firms. Economies of scale. The market as an integrating device. Integration by co-operation. Integration by administration. Diseconomies of scale. Patterns of size and specialisation. The Government and co-operative services for industry. Development councils. Government control and supervision of private industry. The organisation of nationalised industry. Industrial location and Government policy. Industrial research and development. Industrial innovation. Output and price decisions in various types of industry. Problems of production planning and inventory control. Monopolies and restrictive practices—aspects of American and British Government policy. The structure of the distributive trades. Organised produce markets, speculation, Government bulk purchasing. The Co-operative Movement. Export business.

Recommended reading.—R. S. Edwards and H. Townsend, *Business Enterprise*; E. T. Penrose, *The Theory of the Growth of the Firm*; D. L. Burn (Ed.), *The Structure of British Industry*, Vols. I and II; R. Robson, *The Cotton Industry in Britain*; Z. A. Silberston and G. Maxcy, *The Motor Industry*; *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmd. 9672, 1956); A. Plant (Ed.), *Some Modern Business Problems*; E. H. Bowman and R. B. Fetter, *Analysis for Production Management*; F. W. Paish, *Business Finance*; *Reports of Restrictive Practices Cases*; L. G. Reynolds, *Labor Economics and Labor Relations*; J. B. Jefferys, *The Distribution of Consumer Goods*; B. S. Yamey, *The Economics of Resale Price Maintenance*; articles on futures trading in *Three Banks Review*, September 1954, June 1956 and March 1959; *Reports of the Royal Commission on the Taxation of Profits and Income*; A. M. Milne, *The Economics of Inland Transport*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*.

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

48. Economics of Public Enterprise. Mr. Foldes. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Industry and Trade.

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 Control and Organisation: (i) General: *Reports of the Select Committees on Nationalised Industries* (H.C. 332–I, 1951–52; H.C. 235, 1952–53; H.C. 120, 1955–56; H.C. 304, 1956–57); Acton Society Trust, *Studies in Nationalised Industry*; H. A. Clegg and T. E. Chester, *The Future of Nationalisation*; 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*; National Coal Board, *Report of the Advisory Committee on Organisation*, Feb. 1955; *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmd. 9672, 1956), also *Government Proposals* (Cmd. 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); *Capital Investment in the Coal, Gas and Electricity Industries* (Cmd. 713, 1959); *Railway Reorganisation Scheme* (Cmd. 9191, 1954); British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); *Purchasing Procedure of the B.T.C.* (Cmd. 262, 1957); *Report of the Committee of Enquiry into London Transport* (Chambers Report), 1955; *Reports of the Iron and Steel Board*. 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*; J. Wiseman, "The Theory of Public Utility Price—An Empty Box" (*Oxford Economic Papers*, Feb. 1957); R. G. Lipsey and K. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, Vol. XXIV, No. 1); S. R. Dennison, "The Price Policy of the National Coal Board" (*Lloyds Bank Review*, Oct. 1952); 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, *The Nationalised Industries*; D. N. Chester, *The Nationalised Industries: An Analysis of the Statutory Provisions* (2nd edn., 1951); 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*.

49. Labour: organisation and relations. Professor Phelps Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Industry and Trade.

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. Scientific management and work study. Methods of wage payment. Studies in motivation and morale. Joint consultation. Statistical problems of the working population, wage rates and earnings, 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* (1953 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*; F. Peterson, *American Labor Unions*; W. Galenson, *Comparative Labor Movements*; Trades Union Congress, *Trade Union Structure and Closer Unity* (1944), *Trade Unions and Productivity* (1950); S. H. Slichter, *Union Policies and Industrial 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*; S. Webb, *The Works Manager Today* (1917); 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. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (revised edition).

50. Business Finance: Financial Institutions. Professor Paish. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of Money and Banking, Option (v) (b); Industry and Trade, Option (iv) (a); and Accounting, Option (v) (a).

If there is sufficient demand, this course will be given in the evening for first and second year Part II evening students.

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*; F. Lavington, *The English Capital Market*; N. A. D. Macrae, *The*

London Capital Market; F. W. Paish, "Company Profits and their Distribution since the War" (*District Bank Review*, June, 1955); 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*, Cmd. 827); N.I.E.S.R., *Company Income and Finance*; 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. L. Rosenheim and C. O. 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).

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*.

Reference should also be made to the following courses:—

No. 51.—The Economics of Public Finance.

No. 136.—Accounting: Management and Economic Aspects.

51. The Economics of Public Finance. Mr. Wiseman and Dr. Michan. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Option (iv) (a); Money and Banking, Option (v) (a); International Economics, Option (v) (a); Industry and Trade, Option (iv) (a); Accounting, Option (v) (a) and (d); and Government, Option (v) (c). Diploma in Public Administration (Second Year).

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*; H. Brittain, *The British Budgetary System*; U. K. Hicks, *British Public Finance: Its Structure and Development, 1880-1952*; Committee on the Working of the Monetary System (the Radcliffe Report) (Cmd. 827); R. N. McKean, *Efficiency in Government through Systems Analysis*; R. A. Musgrave, *The Theory of Public Finance*.

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*; 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*; A. D. Viti de Marco, *First Principles of Public Finance*, Part I; 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*; A. Williams, "The Finance of Local Government in England and Wales since 1948" (*National Tax Journal*, 1959); 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); A. H. Hanson, "The Select Committee on Estimates, 1949-50" (*Yorkshire Bulletin of Economic and Social Studies*, July, 1951); F. W.

Paish, "The Real Incidence of Personal Taxation" (*Lloyds Bank Review*, January, 1957); R. C. Tress, "The Control of Public Expenditure" (*Three Banks Review*, September, 1959).

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*; E. Cary Brown, "Consumption Taxes and Income Determination" (*American Economic Review*, 1951); *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); R. Turvey, "Equity and a Capital Gains Tax" (*Oxford Economic Papers*, 1960).

Further references will be given during the course.

52. Economic Aspects of British Social Services. Mr. Wiseman. Nine lectures, Lent Term.

For B.Sc. (Econ.) Part II students taking the paper in public finance; for graduate students in public finance; and for students attending the Trade Union Studies course.

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*; 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* (Cmd. 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).

52A. Agricultural Problems and Policies. Miss Martin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive. Recommended for graduate students.

Syllabus.—Problems of the agricultural sector, in both rich and poor countries, and the measures which may be taken to try to solve them. The policies of a variety of countries, including the U.K., the U.S.A. and the U.S.S.R., will be used in illustration.

Recommended reading.—J. R. Bellerby, *Agriculture and Industry: Relative Income*; T. W. Schultz, *Agriculture in an Unstable Economy*; Anne Martin, *Economics and Agriculture*, Chaps. 7-9; O.E.E.C., *Agricultural Policies in Europe and North America* (annual, since 1956); United Nations Economic Commission for Europe, *Annual Surveys* (sections on Agriculture in the U.S.S.R. and Eastern Europe); E. H. Whetham, *A Record of Agricultural Policy* (periodic, since 1952); P. T. Bauer, *West African Trade*, Part 5.

Further references will be given during the course.

53. Public Finance (Class). Mr. Wiseman will hold a weekly class during the Lent Term for candidates taking the Public Finance Option in the B.Sc. (Econ.) Part II examination.

54. Business Finance (Class). Professor Paish will hold a series of classes for those B.Sc. (Econ.) Part II students (specialising in Money and Banking, Industry and Trade, and Accounting) who are taking the optional subject of Business Finance.

55. Industry and Trade Class. 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.).

FOR GRADUATE STUDENTS

56. 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.

57. Comparative Fiscal Systems. Mr. Wiseman. Nine lectures, Michaelmas Term. This course will not be given in the Session 1960-61.

For graduate students.

Syllabus.—A comparative survey of the nature and historical evolution of the revenue and expenditure systems of the governments of a number of countries.

Recommended reading.—References will be given during the course.

58. Seminar in Labour Problems. Professor Phelps Brown and Mr. Roberts 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 and Mr. Roberts.

59. Economic Problems of Industry and Trade (Seminar). Professor Yamey will hold a seminar for graduate students of the economics of industry. The seminar will be held during the Michaelmas and Lent Terms, and admission will be by permission of Professor Yamey.

60. **Problems in Industrial Relations.** A weekly seminar is to be held in the Summer Term by Mr. Roberts and Miss Seear, 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 Mr. Roberts.

(b) Money and Banking

Note.—The course for candidates taking the special subject of Money and Banking in Part II of the B.Sc. (Econ.) examination in 1962 begins with lectures Nos. 70, 71, 72 and 73. These will be given in the Summer Term, 1961, after the Part I examination.

70. **Macro-economics.** Mr. Day. Two lectures, Summer Term.
For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1962 candidates).
Recommended reading.—P. A. Samuelson, *Economics: An Introductory Analysis*, Parts II and V; A. C. L. Day, *Outline of Monetary Economics*, Parts I, II, IV and V.
71. **English Monetary and Banking History.** Dr. Pressnell. Two lectures, Summer Term.
For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1962 candidates).
72. **International Monetary Economics.** Mr. Day. Two lectures, Summer Term.
For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1962 candidates).
73. **Mathematics in Monetary Economics.** Dr. Lipsey. Two lectures, Summer Term.
For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1962 candidates).
Syllabus.—A discussion of some of the mathematical techniques frequently employed in elementary economic theory.
74. **English Monetary and Banking History.** Dr. Pressnell and Mr. Cramp. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II—Special subject of Money and Banking. Recommended for graduate students.
Recommended reading.—W. T. C. King, *History of the London Discount Market*; J. Viner, *Studies in the Theory of International Trade*; J. H. Clapham, *The Bank of England*; E. Cannan, *The Paper Pound*; R. G. Hawtrey, *A Century of Bank Rate*; T. E. G. Gregory, *British Banking Statutes and Reports*; T. E. G. Gregory, *The Westminster Bank*; H. Thornton, *Paper Credit*; G. J. Goschen, *The Theory of the Foreign Exchanges*; W. Bagehot, *Lombard Street*; Report of the Committee on Finance and Industry (Cmd. 3897, 1931); W. W. Rostow, *British Economy of the Nineteenth Century*; E. V. Morgan, *Studies in British Financial Policy, 1914-25*; T. S. Ashton and R. S. Sayers (Eds.), *Papers in English Monetary History*; R. C. O. Matthews, *A Study in Trade Cycle History, 1833-42*; L. S. Pressnell, *Country Banking in the Industrial Revolution*; E. Nevin, *The Mechanism of Cheap Money*; R. S. Sayers, *Central Banking after Bagehot*; *Financial Policy, 1939-45*; *Lloyds Bank in the History of English Banking*.
75. **Theory of Monetary Economics.** Mr. Opie. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Money and Banking, and of International Economics.

Recommended reading.—A. C. L. Day, *Outline of Monetary Economics*; D. H. Robertson, *Money; Banking Policy and the Price Level; Essays in Monetary Theory*; R. C. O. Matthews, *The Trade Cycle*; J. M. Keynes, *The General Theory of Employment, Interest and Money*; *How to Pay for the War*; A. H. Hansen, *A Guide to Keynes; Monetary Theory and Fiscal Policy; Business Cycles and National Income*; H. S. Ellis (Ed.), *A Survey of Contemporary Economics*, Chaps. 2 and 9; American Economic Association, *Readings in Monetary Theory; Readings in the Theory of Income Distribution; Readings in Business Cycle Theory; Readings in the Theory of International Trade*; A. H. Hansen and R. V. Clemence (Eds.), *Readings in Business Cycles and National Income*; S. E. Harris (Ed.), *The New Economics; Report of the Committee on the Working of the Monetary System (the Radcliffe Report, Cmnd. 827)*; J. Viner, *International Trade and Economic Development*; J. E. Meade, *The Balance of Payments*; F. Machlup, *International Trade and the National Income Multiplier*; League of Nations, *International Currency Experience*.

Further reading will be suggested during the course.

76. **Theory of Monetary Policy.** Mr. Day. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of Money and Banking, and of International Economics.

Syllabus.—The theory of banking, credit and financial institutions, including extensive discussion of non-bank financial intermediaries.

Recommended reading.—J. R. Hicks, "Suggestions for Simplifying the Theory of Money" (*Economica*, 1935); J. G. Gurley and E. S. Shaw, *Money in the Theory of Finance; Report of the Committee on the Working of the Monetary System (the Radcliffe Report, Cmnd. 827)*.

Other references will be given as the course proceeds.

77. **Comparative Banking.** Dr. Pressnell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Money and Banking. Recommended for graduate students.

78. **Applied International Monetary Economics.** Mr. Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Money and Banking and International Economics.

Syllabus.—Subjects to be considered include the pre-1914 Gold Standard; inter-war balance of payments adjustment mechanisms; post-war monetary plans (International Monetary Fund and the International Bank for Reconstruction and Development); post-1945 payments relationships; the European Payments Union; and monetary aspects of oversea economic development.

Recommended reading.—J. H. B. Tew, "Sterling as an international currency" (*Economic Record*, 1948); League of Nations, II. Economic and Financial, 1944, II. A.4, *International Currency Experience*; W. A. Lewis, *Economic Survey, 1919-1939*; United Nations Monetary and Financial Conference, Bretton Woods, Final Act (*British Parliamentary Papers*, 1943-4, Vol. VIII, Cmd. 6546); J. H. B. Tew, *International Monetary Co-operation* (3rd edn.); *Annual Reports* of O.E.E.C. and E.C.S.C.; United Nations Economic Commission for Western Europe, *Economic Bulletin for Europe*; and *Annual Reports* (Europe in 1948, 1949, etc.); F. C. C. Benham, *The Colombo Plan and other Essays*; R. Triffin, *Europe and the Money Muddle*.
Further reading will be recommended during the course.

79. Topics in the Theory of International Monetary Economics. Lecturer to be announced. Ten lectures, Lent Term.

Optional for B.Sc. (Econ.) Part II—Special subjects of Money and Banking and International Economics. Also suitable for graduate students.

Syllabus.—This course will deal with a number of topics, at a more advanced level than in Course No. 78, including economic growth and the balance of payments, the relationship of price and income changes, forward exchange rate theory, and the analysis of a three-country system.

Recommended reading.—R. S. Sayers, *Modern Banking* (4th edition), Chap. 6; American Economic Association, *Readings in the Theory of International Trade*; E. R. Schlesinger, *Multiple Exchange Rates and Economic Development*; International Monetary Fund, *Balance of Payments Yearbook*, 1938, 1946 and 1947; G. D. MacDougall, "Notes on Non-Discrimination" (*Bulletin of the Oxford University Institute of Statistics*, Vol. 9); R. Frisch, "On the Need for forecasting a Multilateral Balance of Payments" (*American Economic Review*, Vol. 37, Pt. 2); "A Symposium on the International Monetary Fund and International Bank . . . Proposed at Bretton Woods" (*Review of Economic Statistics*, 1944); R. Nurkse, "Domestic and International Equilibrium" (*The New Economics*, edited by S. E. Harris); M. H. Ekker, "On Payments Systems" (*Weltwirtschaftliches Archiv*, 1950); F. Machlup, "Three Concepts of the Balance of Payments" (*Economic Journal*, Vol. LX); W. W. Rostow, *The Process of Economic Growth*, Chap. 8; F. Machlup, "Elasticity Pessimism in International Trade" (*Economia Internazionale*, February, 1950); G. Haberler, "The Market for Foreign Exchange and the Stability of the Balance of Payments" (*Kyklos*, 1949); S. Alexander, "Devaluation versus Import Restrictions" (*I.M.F. Staff Papers*, 1951); M. Fleming, "Making the Best of Balance of Payments Restrictions of Imports" (*Economic Journal*, 1951); J. R. Hicks, "An Inaugural Lecture" (*Oxford Economic Papers*, 1953); H. G. Johnson, "Increasing Productivity, Income-Price Trends, and the Trade Balance" (*Economic Journal*, 1954); J. E. Meade, "The Foreign Trade Multiplier" (*Economic Journal*, 1948-9); P. W. Bell, *The Sterling Area in the Post-war World*, Part II; S. Alexander, "The Effects of Devaluation on a Trade Balance" (*I.M.F. Staff Papers*, 1952).

80. International Monetary Economics (Class). Mr. Steuer will hold a series of fifteen classes of one hour each, in the Michaelmas and Lent Terms, in connexion with courses 76 and 78.

81. Monetary Economics (Seminar). Professor Sayers and Dr. Pressnell will hold a seminar for B.Sc. (Econ.) Part II students, specialising in Money and Banking. The seminar will be held for one and a half hours weekly during the Michaelmas and Lent Terms. Admission will be strictly by permission of Professor Sayers, to whom written applications must be addressed.

82. Advanced Monetary Economics (Seminar). Professor Sayers and Mr. Day will hold a seminar for graduate students. It will be given by Professor Sayers in the Michaelmas and Summer Terms and by Mr. Day in the Lent Term, for one and a half hours weekly. Admission will be strictly by permission of Professor Sayers, to whom written applications must be addressed.

83. Monetary Theory (Class). A class will be held by Mr. Cramp weekly in the Lent Term, for students taking the B.Sc. (Econ.) Part II, special subjects of Money and Banking, and of International Economics, Option (iv) (a).

84. Banking (Seminar). Professor Sayers will hold a seminar for B.Sc. (Econ.) Part II students, specialising in Money and Banking, and Second Year Part II evening students, specialising in Money and Banking, and for graduate students. The seminar will be held for one and a half hours weekly in the Michaelmas Term. Admission will be strictly by permission of Professor Sayers to whom written applications must be addressed.

Note: Instruction in the Special Subject of Money and Banking will be arranged for evening students, as required.

The attention of students taking the special subjects of Economics, Analytical and Descriptive, and Money and Banking is drawn to the following lecture given in the Department of Political Economy at University College:

Monetary Theory from Wicksell to Keynes. Dr. Stonier. Ten lectures, Michaelmas Term.

Syllabus.—Wicksell; Mises and Hayek; Lindahl and Myrdal; Hawtrey and Robertson; Keynes, up to the *General Theory*.

Recommended reading.—Books will be suggested during the course.

Reference should also be made to the following courses:—

No. 50.—**Business Finance: Financial Institutions.**

No. 51.—**The Economics of Public Finance.**

No. 101.—**Applied International Economics.**

No. 373.—**The Law of Banking.**

(c) International Economics and Regional Studies

100. International Trade. Dr. Makower. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of International Economics. Optional for other B.Sc. (Econ.) Part II students.

Recommended reading.—S. Enke and V. Salera, *International Economics* (1st or 2nd edn.); C. Kindleberger, *International Economics*; G. von Haberler, *The Theory of International Trade*; A Survey of *International Trade Theory*; J. Viner, *Studies in the Theory of International Trade*; American Economic Association, *Readings in the Theory of International Trade*; J. E. Meade, *The Theory of Customs Unions*; J. Tinbergen, *International Economic Integration*; G. D. A. MacDougall, "A Lecture on the Dollar Problem" (*Economica*, August, 1954); Texts of most important international agreements: I.M.F. and International Bank (Cmd. 6546); I.T.O. and G.A.T.T. (Cmd. 7375 and 7258); E.P.U. (Cmd. 8064). For post-war and current developments in trade and payments: G.A.T.T. *Annual Reports*; Bank for International Settlements *Annual Reports*; U.N. Economic Commission for Europe *Annual Reports* ("Europe in 1948", 1949, etc.); *Economic Bulletin for Europe*; *The Economist*.

101. Applied International Economics. Professor Devons. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of International Economics, and of Money and Banking. Optional for other B.Sc. (Econ.) Part II students, and for Certificate in International Studies.

Syllabus.—The structure of world trade and payments. The structure, organisation and finance of British foreign trade. International Commodity Markets. International Investment.

Fluctuations in trade. Price movements, terms of trade, and comparative productivity changes.

Policy problems: commercial policies and tariffs, trading agreements national and international, commodity schemes.

Recommended reading.—U.N., G.A.T.T. and U.K. Statistical publications. E.C.E., O.E.E.C., and G.A.T.T. Reports. G.A.T.T. *Trends in International Trade*; C. P. Kindleberger, *The Terms of Trade*; League of Nations, *Industrialisation and Foreign Trade*; P. L. Yates, *Forty Years of Foreign Trade*; G. D. A. MacDougall, *The World Dollar Problem*; U.N. *World Economic Report*.

102. Problems of Applied Economics in Underdeveloped Countries. Professor Yamey and Mr. Knox. Eighteen lectures, Michaelmas and Lent Terms.

For Diploma in Economic and Social Administration, Certificate in Social Science and Administration (Overseas Option) (Second Year), and Overseas Services Course.

Syllabus.—Economic principles and practices in relation to the special conditions and problems of underdeveloped countries.

Recommended reading.—References will be given during the lectures.

103. Classes in International Economics. Weekly classes throughout the session will be arranged for day students, and special arrangements will be made for evening students, taking Special subject III (International Economics) in Part II of the B.Sc. (Econ.).

FOR GRADUATE STUDENTS

110. Problems of Economic Growth in Underdeveloped Countries. Mr. Knox. 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*; B. Higgins, *Economic Development*; A. D. Knox, "The Underdeveloped Countries: Some Aspects of their Problems" (*The Advancement of Science*, March, 1958).

Further references will be given during the lectures.

111. Seminar on the Economics of Underdeveloped Countries.

Professor Bauer and Mr. Knox will hold a seminar on this subject throughout the session. Admission will be restricted to graduate students working on this subject and will be by permission of Professor Bauer and Mr. Knox, to whom application should be made in writing.

112. The Soviet Economy and Soviet Economics. Mr. Nove. Ten lectures, Lent Term.

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.

113. Economic Problems of the Soviet World. Mr. Nove will hold a seminar, fortnightly throughout the session, for graduate students. Admission will be strictly by permission of Mr. Nove, to whom applications must be addressed.

114. 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.

115. Seminar on Economic Problems in the Middle East. Dr. Penrose will hold a seminar for research students on Economic Problems in the Middle East with special emphasis on the techniques of economic analysis. Students wishing to attend this seminar should apply in writing to Dr. Penrose.

116. 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.

Reference should also be made to the following section and courses:—

Geography.

No. 75.—**Theory of Monetary Economics.**

No. 78.—**Applied International Monetary Economics.**

No. 79.—**Topics in the Theory of International Monetary Economics.**

No. 260(d).—**Industrialisation and the International Economy, 1850-1939.**

- No. 507.—**The Politics of International Economic Relations.**
 No. 521.—**The Politics of International Economic Relations (Class).**
 No. 936.—**International Balance of Payments.**

(d) Business Administration and Accounting

125. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy. Professor Sir Arnold Plant and Professor Yamey. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade; Accounting; and International Economics, Option (iv) (b); for Personnel Administration students.

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. Business Administration: Administrative Theory. Mr. Thirlby. Twenty-five lectures, Sessional.

Recommended for B.Sc. (Econ.) Part II—Special subjects of Industry and Trade; Accounting; and International Economics, Option (iv) (b).

Syllabus.—The lectures and the class (Course 127) should be regarded as inseparable parts of the same course.

I. The lectures will develop an extremely simple model of an organisation decision, which will then be used continually to illustrate the discussion of various aspects of the functioning of a business organisation. The model, with the accompanying discussion, will be related to the theory of value, and will be intended to fill a gap in economic theory on the textbook level. It may be regarded as an adjustment of the economist's description of the "firm's" maximisation process, or process of output-determination, to allow for (a) a distinction between a planning stage and a stage of execution (with consequent adjustment of notions of cost, profit, efficiency ratios, etc.); (b) the presence of more than one planner; (c) the fallibility or uncertainty of each planner; (d) a reciprocal authority relationship between planners; (e) a theory of the function of the account in organisation administration.

II. The lectures are offered as an integrative and disciplinary instrument for a second purpose of the course, which is (a) to keep under review a selection of the publications of a number of past and present teachers of the School, particularly L. C. Robbins, F. A. Hayek, A. Plant, R. F. Fowler, R. S. Edwards, R. H. Coase, W. A. Lewis, G. J. Ponsonby, P. Wilson and F. Brown, which the lecturer will regard as capable and deserving of further development into an integrated theory of business administration, and (b) to compare this approach with that of H. A. Simon, *Administrative Behaviour*, which, on certain major issues, will come up for criticism in the lectures.

III. A further purpose of the course is to suggest a discipline for the future study (either as a philosophical issue, or as economic historical research) of the internal control of the joint stock company (and other organisations) in relation to (a) the rise and influence of the accountants, and (b) the conflict between the Subjective Theory of Value and the Labour (or cost of production) Theory of Value. From the same point of view, and to call attention to significant analogies, some reference will be made to literature relating to the organisation of the U.S.S.R.

IV. An additional aim of the course is to maintain the use of some of the more practical and descriptive literature on industrial techniques and administration.

Recommended reading.—I. The attitude of the lecturer is indicated in G. F. Thirlby, "The Subjective Theory of Value and Accounting 'Cost'" (*Economica*, N.S. Vol. 13); "The Ruler" (*The South African Journal of Economics*, Vol. 14); "The Marginal Cost Controversy: A note on Mr. Coase's Model" (*Economica*, N.S. Vol. 14); and "The Economist's Description of Business Behaviour" (*Economica*, N.S. Vol. 19). The influence of F. A. Hayek, "Scientism and the Study of Society" (*Economica*, N.S. Vols. 9-11) should be noted.

II. In addition to H. A. Simon, *Administrative Behaviour*, reference will be made to C. I. Barnard, *The Functions of the Executive*, and H. A. Simon, D. W. Smithburg and V. A. Thompson, *Public Administration*.

III. The attitude of the lecturer may be discerned by using his "Notes on the Maximization Process in Company Administration" (*Economica*, N.S. Vol. 17) as a discipline for M. T. Copeland and A. R. Towl, *The Board of Directors and Business Management*.

On the U.S.S.R., see particularly W. B. Reddaway, *The Russian Financial System*, and M. H. Dobb, *Soviet Economic Development since 1917*, Chs. 1, 13 and 14.

IV. For this purpose, a few cases from F. E. Folts, *Introduction to Industrial Management* will be used in class, for incorporation into the general discussion.

Further references to literature will be made at the beginning, and throughout the course.

127. Business Administration (Class). Mr. Thirlby will conduct a series of classes for B.Sc. (Econ.) Part II students specialising in Industry and Trade; Accounting; and International Economics, Option (iv) (b).

128. Selected Topics in the Field of Business Administration. Mr. Foldes. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade; Accounting (iii); and International Economics, Option (iv) (b).

Recommended reading.—References will be given during the course.

129. Cost Analysis for Business Administration. Mr. J. R. Gould. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade; Accounting (iii); International Economics, Option (iv) (b); and Computational Methods, Option (iii) (g).

Syllabus.—The application of general cost analysis to some specific business problems.

Recommended reading.—References will be given during the course.

130. The Elements of Consumer Market Research. Lecturer to be announced. Four lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade, Option (iv) (b); and Accounting, Option (v) (c). Open to all students.

Syllabus.—The nature and uses of consumer market research and media surveys. The design of the interview. Systematic and quota sampling; sampling and other errors. Psychological market research and motivation research.

Recommended reading.—Some books and articles on consumer market research will be mentioned during the course.

131. The Economics of Advertising. Mr. Taplin. Six lectures, Lent Term.

For B.Sc. (Econ.) Part I (Second Year) and B.Sc. (Econ.) Part II; also recommended for graduate students.

Syllabus.—The nature of advertising and sales promotion, its economic causes and aims. The organisation of the advertising business. The determination of the advertising appropriation and budget, choice of media, and use of specialist intermediaries. The outline of advertising statistics. General review of controls of advertising through the law, voluntary codes and consumer associations.

Recommended reading.—N. H. Borden, *The Economic Effects of Advertising*; R. Harris and A. Seldon, *Advertising in a Free Society*; J. W. Hobson, *Selection of Advertising Media*; N. Kaldor and R. Silverman, *A Statistical Analysis of Advertising Expenditure and of the Revenue of the Press*; *Advertising Association Surveys of Advertising Expenditure, 1948, 1952 and 1956*.

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 and administration. It is intended primarily for university students of science and engineering who have completed, or are completing, their first degree work.

Syllabus.—

- (a) The Structure of Modern Industry. (For detailed syllabus see course No. 40.) Professor Sir Arnold Plant. Michaelmas Term.
- (b) Labour. (For detailed syllabus see course No. 41.) Professor Phelps Brown. Lent Term.
- (c) Business Organisation and Finance: The forms of business enterprise—firms, companies, etc.; the sources of finance and forms of capitalisation; business objectives and the control of resources; the functions and limitations of accounting. Mr. Edey. Michaelmas and Lent Terms.
- (d) Economic Analysis and its Applications: This course will outline the interdependence of the economic system and will introduce the principles of economics. Problems of employment and international trade and economic problems of industry and trade such as specialisation, scale and location of enterprises, output and pricing decisions, monopoly and restrictive practices, and distribution, will be discussed. Professor Edwards, Mr. Peston and others. Michaelmas and Lent Terms.
- (e) Law Relating to Business: 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. Professor Wheatcroft and others. Michaelmas and Lent Terms.

(f) Industrial History. (For detailed syllabus see course No. 265.) Dr. Coleman. Michaelmas and Lent Terms.

Selected graduate students from this course will be admitted to the evening seminar on Problems in Industrial Administration (see course No. 161), 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. For engineering students of Queen Mary College supplementary classes will be held in the Summer Term.

133. Accounting I. Mr. Edey and Mr. Brooker. Eighteen lectures and eighteen classes (two hours per week), Lent and Summer Terms. This course will be given in the day and in the evening in the Session 1960–61.

For B.Sc. (Econ.) Part I (First Year).

Syllabus.—The mechanics of book-keeping: the final figures (i.e., summaries of assets and liabilities, and expenses and revenues). Where and how these figures are gathered. The history of the double-entry system; and modern practice in some detail. How to understand accounts; their uses, interpretation and limitations.

Elementary problems of business and company finance (including compound interest calculations).

Recommended reading.—S. W. Rowland and B. Magee, *Accounting*, Part I. Reference may also be made to A. Baston, *Elements of Accounts*; D. Cousins, *Book-keeping and Accounts*; H. H. Wade, *Fundamentals of Accounting*; and W. T. Baxter (Ed.), *Studies in Accounting*.

134. Accounting II. Professor Baxter. Eighteen lectures and eighteen classes (two hours per week), Michaelmas and Lent Terms. This course will be given in the day only in the Session 1960–61 but will be given in the day and in the evening in the Session 1961–62.

For B.Sc. (Econ.) Part I (Second Year).

Syllabus.—Accounts and management: further work on the uses, interpretation, and limitations of accounting data. Company accounting.

Further work on elementary problems of business and company finance, including compound interest and annuity calculations.

Accounting in relation to economic theory: valuation and income determination, measurement of depreciation, etc.

Recommended reading.—R. J. Chambers, *Accounting and Action*; F. W. Paish, *Business Finance*; H. C. Edey, *Business Budgets and Accounts*. American practice is dealt with in H. R. Hatfield, *Accounting*, and R. H. Robnett, T. H. Hill and J. A. Beckett, *Accounting: a Management Approach*.

Reference should be made to the relevant parts of: J. C. Bonbright, *Valuation of Property*, for matters connected with capital, revenue, depreciation, etc.; W. T. Baxter (Ed.), *Studies in Accounting*; the *Companies Act, 1948*; H. C. Holman, *The Secretarial Primer*; the Institute of Chartered Accountants' *Recommendations*; and W. Lundie, *Elementary Theory of Finance*; W. L. Hart, *Mathematics of Investment*, Part I; or M. and I. Rassweiler, *Fundamental Procedures of Financial Mathematics*, Chapters 1, 3–7, 9–17.

135. Accounting III. Mr. Woods and Mr. Brooker. Eighteen lectures and classes (one and a half hours per week), Michaelmas and

Lent Terms. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II—Special subject of Accounting.

Syllabus.—Advanced company accounts: holding companies; accounting aspects of taxation; cost accounting techniques.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts*; E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (14th edn.). Reference may be made to such standard text-books as W. Pickles, *Accountancy*; L. R. Dicksee, *Auditing*; T. B. Robson, *Consolidated Accounts*; F. R. M. de Paula, *Principles of Auditing*; L. L. Vance, *Theory and Technique of Cost Accounting*; C. T. Devine, *Cost Accounting and Analysis*; C. F. Schlatter, *Cost Accounting*; I. Wayne Keller, *Management Accounting for Profit Control*; and to the publications mentioned in Course 134.

136. Accounting: Management and Economic Aspects. Mr. Edey and Mr. Woods. Ten lectures and five classes, Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II—Special subjects of Accounting, and Industry and Trade, Option (iv) (a) and of Computational Methods, Option (iii) (g).

Syllabus.—Financing problems of the firm; capital budgeting; information for capital investment and price and output decisions; accounting information and public policy.

Recommended reading.—F. W. Paish, *Business Finance*; H. C. Edey, *Business Budgets and Accounts*; D. Solomons (Ed.), *Studies in Costing*; "Uniform Cost Accounting—a Survey" (*Economica*, Aug. and Nov., 1950); J. Dean, *Managerial Economics*; B. E. Goetz, *Management Planning and Control*; J. M. Clark, *The Economics of Overhead Costs*, Chapter IX.

Reference should also be made to Course No. 129, Cost Analysis for Business Administration.

137. Accounting and Economic Theory (Seminar). A series of weekly meetings and a week-end discussion course will be held by Professor Baxter, Mr. 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.

138. History of Accounting. Three lectures will be given by Professor Yamey and Mr. de Ste. Croix at times to be arranged.

139. Accounting Applications of Digital Computers. Mr. Edey. Two lectures, Summer Term.

For B.Sc. (Econ.) Part II—Special subjects of Accounting and Industry and Trade.

Syllabus.—The application of automatic digital computers to data processing: the general features.

Recommended reading.—R. K. Livesley, *Digital Computers*.

140. Accounting: Valuation Theory. Professor Baxter. Nine lectures and classes (one and a half hours per week), Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements will be made for evening students.

For B.Sc. (Econ.) Part II—Special subject of Accounting.

Syllabus.—Valuation of a business, partnership rights, individual assets, etc.; measurement of income; depreciation; changing price levels.

Recommended reading.—J. C. Bonbright, *Valuation of Property*, Chaps. I to XII; W. T. Baxter, "The Accountant's Contribution to the Trade Cycle" (*Economica*, May, 1955). Other works will be recommended during the course.

141. Accounting Problems. Fortnightly classes will be held by Professor Baxter and others during the Michaelmas and Lent Terms for students taking the special subject of Accounting.

142. Principles of Income Tax. Professor Wheatcroft. Ten lectures of one and a half hours (fortnightly), Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Accounting.

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*; Current Law Income Tax Statutes (CLITAS).

Reference should also be made to the following courses:—

No. 47.—**Economic Problems of Industry and Trade.**

No. 50.—**Business Finance: Financial Institutions.**

No. 51.—**The Economics of Public Finance.**

No. 379.—**Problems in Taxation (Seminar).**

FOR GRADUATE STUDENTS

ONE-YEAR GRADUATE COURSE IN BUSINESS ADMINISTRATION

150. Business Administration in the Light of Economic Analysis. 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 Mr. Peston.

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 investment of funds in Stock Exchange securities; the characteristics of different types of security; the assessment of risk by investors; the choice of assets by different types of investor; effects of taxation; Stock Exchange procedure as it affects the investor.

158. Management Accounting. Professor Baxter, Mr. 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.

The course will include the use and limitations of flexible budgets and standard costing.

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. 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 and History of Transport. Mr. Ponsonby. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e). All those taking Special subject Industry and Trade should attend the first nine lectures.

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*; G. J. Walker, *Road and Rail*; J. R. Sargent, *British Transport Policy*; K. K. Liepmann, *The Journey to Work*; U.K. London Transport Executive, *London Travel Survey, 1954*; 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*.

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*; A. M. Milne and Austen Laing, *The Obligation to Carry*; R. Bell, *History of the British Railways during the War, 1939–45*; C. I. Savage, *Inland Transport (Official History of the Second World War)*.

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*; 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*.

British Transport Commission, *Annual Reports and Accounts, 1948–1959* (H. of C. Papers, 1949–60); 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*.

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.

171. The Economics of Air Transport. Mr. Foldes. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

Syllabus.—Background to the present-day air transport industry in Great Britain. Factors determining its development. Government policy and assistance.

The demand for air transport. Types of air transport service. Scheduled and charter operations. Ownership, size and organisation of undertakings in Britain and elsewhere. Size and type of fleet. Nature of traffic carried. Seasonal variability and route patterns. Operating results. Problems of efficiency and profitability.

The analysis of cost. Classification under aircraft, airport and airline costs. Aspects of social costs. The choice of units for cost and price comparisons. The effects of scale, nature and intensity of air operations upon unit costs. The significance of the time-period involved: short and long-run variability. Economic aspects of aircraft design and production. The incidence of airport location and operation upon cost and output. Price policies in the light of cost-structure.

Intergovernmental negotiation and agreements on air transport. Historical background. Formation and functions of the International Civil Aviation Organization. Development of world route patterns and traffic rights.

International associations of operators. Activities of the International Air Transport Association. Methods of regulation. Problems of rate-fixing and fare structures. The effects of I.A.T.A. controls upon the development of the industry.

Problems and future development of air transport. Potential markets. The question of subsidy versus self-sufficiency. The control of competition. The direction of technological progress. The question of supranational organisations. Relations between suppliers, operators and Governments.

Recommended reading.—S. F. Wheatcroft, *The Economics of European Air Transport*; "European Air Transport Economics" (*J. Inst. Transport*, Sept., 1957); K. R. Sealy, *The Geography of Air Transport*; P. W. Cherington, *Airline Price Policy*; 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); 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, Dept. of Economic Affairs, *Transport and Communications Review*, Vol. IV, No. 2); O. J. Lissitzyn, "The Rôle of the State in Air Transport" (United Nations, Dept. of Economic Affairs, *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); *I.A.T.A. Bulletin* No. 21, 1955 (Tenth Anniversary Number); recent Annual Reports of B.O.A.C., B.E.A., British Independent Air Transport Association, and Air Transport Advisory Council; Civil Aviation (Licensing) Bill, 1960; Select Committee on Estimates, 1955-56, *Civil Aerodromes and Ground Services*; Select Committee on Nationalised Industries, 1958-59, *The Air Corporations*; 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).

FOR REFERENCE: World Airline Record, I.C.A.O. Digests of Statistics.

172. The Economics of Shipping. Mr. Prys Williams. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

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. Economics and History of Transport (Class). Mr. Ponsonby. This series of weekly classes will be held throughout the session. For students taking the B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

Note.—Students taking the subject of the Economics and History of Transport are recommended to attend the first ten lectures of course No. 377.

FOR GRADUATE STUDENTS

174. 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

First Year

N.B. All specialist Geography students must have an atlas. The Oxford Atlas or Bartholomew's Advanced Atlas or The Faber Atlas or Philip's University Atlas is recommended.

185. Principles of Economic and Social Geography—I. Professor Buchanan and Dr. Jones. Twenty-eight lectures, Sessional.

A knowledge of the content of this course is assumed for all students as a background to Economic History and Applied Economics. It also forms the first year of a two-year course for the alternative subject of Economic and Social Geography in Part I.

Recommended reading.—P. E. James, *A Geography of Man*, or V. C. Finch and G. T. Trewartha, *Elements of Geography*; J. F. Unstead, *A World Survey from the Human Aspect*; N. J. G. Pounds, *An Introduction to Economic Geography*; S. W. Wooldridge and W. G. East, *The Spirit and Purpose of Geography*; J. H. G. Lebon, *An Introduction to Human Geography*; D. H. Davis, *The Earth and Man*; E. W. Zimmermann, *World Resources and Industries*; C. D. Forde, *Habitat, Economy, and Society*.

186. The Physical and Biological Background of Geography—I. Dr. Sealy and Mr. Jackson. Twenty-eight lectures, Sessional. Alternative subject for students taking the Special subject of Geography in Part II of the B.Sc. (Econ.).

Recommended reading.—S. W. Wooldridge and R. S. Morgan, *An Introduction to Geomorphology*; A. Holmes, *Principles of Physical Geology*; C. A. Cotton, *Geomorphology*; W. M. Davis, *Geographical Essays* (2nd edn.); W. D. Thornbury, *Principles of Geomorphology*; O. D. von Engeln, *Geomorphology*; S. W. Wooldridge and F. Goldring, *The Weald*; J. A. Steers, *The Sea Coast*; F. K. Hare, *The Restless Atmosphere*; A. A. Miller, *Climatology*; G. Manley, *Climate and the British Scene*; G. T. Trewartha, *An Introduction to Climate*.

187. Map Class. Dr. Clayton, Mr. Martin, Mr. Estall and Mr. Brunsden. Sessional. For students taking the Special subject of Geography in Part II of the B.Sc. (Econ.). This class will be held in the day only in the session 1960-61.

Recommended reading.—F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. H. Dury, *Map Interpretation*; E. Raisz, *General Cartography*; A. H. Robinson, *The Look of Maps*.

188. Geography Class. Dr. Clayton, Mr. Martin and Mr. Estall. Fortnightly throughout the session. For those taking Geography only as an Alternative subject.

Note: Students reading Geography as the Special subject are required to attend a field class in the Easter vacation.

Second Year

189. Principles of Economic and Social Geography—II. Professor Buchanan and Mr. Martin. Twenty-two lectures, Sessional. The second year of a two-year course for the Alternative subject of Economic and Social Geography in Part I.

Note: The work covered in courses 185 and 189 caters also for the requirements of option (iv) (c) in the Special subject of International Economics, and of option (v) (d) in the Special subject of Social Anthropology.

190. The Physical and Biological Background of Geography—II. Dr. Clayton, Miss Coleman and Mr. Jackson. Twenty lectures, Michaelmas and Lent Terms. The second year of a five-term course for the Alternative subject of Physical and Biological Background of Geography in Part I.

Recommended reading.—F. K. Hare, *The Restless Atmosphere*; A. A. Miller, *Climatology*; G. Manley, *Climate and the British Scene*; J. A. Taylor and R. A. Yates, *British Weather in Maps*; I. E. M. Watts, *Equatorial Weather*; G. T. Trewartha, *An Introduction to Climate*; G. W. Robinson, *Soils*; A. G. Tansley, *Britain's Green Mantle, Past, Present and Future*; M. I. Newbigin, *Plant and Animal Geography*; M. E. Hardy, *The Geography of Plants*.

191. Map Class. Dr. Clayton, Mr. Jackson and others. For those taking Geography as their Special subject. Michaelmas and Lent Terms.

192. Geography Class. Dr. Clayton, Mr. Martin and Mr. Estall. For those taking Geography as their Alternative subject. Fortnightly throughout the session.

Part II: Special Subject of Geography

Third Year

Note: The course for candidates taking the Special subject of Geography in Part II of the B.Sc. (Econ.) examination in 1962 begins with course No. 193. This will be given in the Summer Term 1961 after the Part I examination for both day and evening students.

193. Advanced Regional Geography: The British Isles. Mr. Sinclair. Twelve lectures, Summer Term.

194. Advanced Economic Geography, with Special Reference to Industry. Professor Wise, Mr. Martin and Mr. Estall. Sessional. This course will be given only in the day in the session 1960-61.

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*.

195. The Geography of Agriculture. Mr. Sinclair. Sessional. This course will be given in the day and in the evening in the session 1960-61.

Recommended reading.—K. H. W. Klages, *Ecological Crop Geography* (background reading preferably in advance of course); D. Faucher, *Géographie Agraire*; 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 Tempny and D. H. Grist, *An Introduction to Tropical Agriculture*; R. L. Mighell and J. D. Black, *Inter-regional Competition in Agriculture*.

196. Geography of Agriculture. Mr. Sinclair. Class, Lent and Summer Terms.

197. Advanced Regional Geography: North America. Dr. Sealy. Twenty-five lectures, Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1960-61.

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*.

198. 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 only in the day in the session 1960-61.

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.

199. Advanced Regional Geography: Africa. Dr. Harrison Church, Dr. Pugh and Mr. Rawson. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1960-61.

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.); J. H. Wellington, *Southern Africa* (2 vols.); J. Despois, *L'Afrique du Nord*.

Further reading will be indicated during the course.

200. Advanced Regional Geography: Western and Central Europe. Dr. Harrison Church and Mr. Elkins. Thirty lectures, Sessional. This course will be given in the day and in the evening in the session 1960–61.

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, *Western Europe*; P. George and J. Tricart, *L'Europe Centrale*, Tome I; R. E. Dickinson, *The Regions of Germany or Germany*; T. H. Elkins, *Germany*; W. R. Mead, *An Economic Geography of Scandinavia and Finland*.

Other literature will be suggested during the course.

201. Geography Seminar. Professor Buchanan and Dr. Harrison Church. Sessional.

Discussion on special areas and topics. Permission to attend the seminar may be given to graduate students and others by Professor Buchanan.

Optional Subjects

202. Historical Geography—I. Dr. Lambert and Dr. Yates. Sessional.

Also for B.Sc. (Econ.) Part II—Special subject of Economic History (Modern), Option (v) (a).

This course will be given only in the day in the session 1960–61.

Syllabus.—A general study of the inter-relation between man and his physical environment in historical time, illustrated by specific instances. A more detailed study of the historical geography of the British Isles.

Recommended reading.—W. G. East, *The Geography behind History*; J. B. Mitchell, *Historical Geography*; L. Febvre and L. Bataillon, *A Geographical Introduction to History*; H. C. Darby (Ed.), *An Historical Geography of England before 1800*; *The Domesday Geography of Eastern England*.

203. Political Geography. Dr. Harrison Church and Dr. 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 1960–61.

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.

204. Applied Geography. Professor Wise and Mr. Estall. Sessional. This course will be given only in the day in the session 1960–61.

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*.

205. Geomorphology. Dr. Sealy and Dr. Clayton. Sessional.

Recommended reading.—J. Umbgrove, *The Pulse of the Earth*; J. A. Steers, *The Unstable Earth*; W. D. Thornbury, *Principles of Geomorphology*; W. M. Davis, *Geographical Essays* (2nd ed.); W. Penck, *Morphological Analysis of Land Forms* (trans. by Boswell and Czech); L. C. King, *South African Scenery* (2nd ed.); R. F. Flint, *Glacial and Pleistocene Geology*; S. W. Wooldridge and D. L. Linton, *Structure, Surface and Drainage in South-east England*; A. J. Wells and J. F. Kirkaldy, *An Introduction to Historical Geology*.

206. Surveying and Cartography. If required, this course will be given only in the day in the session 1960–61.

207. Social Geography. Dr. Jones. Sessional.

Syllabus.—A study of the relationships of social groups with their environment 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.

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 and History of Transport.

No. 171.—The Economics of Air Transport.

No. 172.—The Economics of Shipping.

No. 173.—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

208. Physical Geology. Professor Wooldridge and Professor Taylor. Twenty-five lectures, Sessional.

- 209. Physical Basis of Geography—I.** Professor Wooldridge and Miss Coleman. Twenty-five lectures, Sessional.

Syllabus.—An outline survey of the physical geography of Land, Air, and Ocean.

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*.

- 210. Physical Basis of Geography—II. (Meteorology and Climatology).** Mr. Jackson. Twenty-five lectures, Sessional.

Recommended reading.—G. T. Trewartha, *An Introduction to Climate*; F. K. Hare, *The Restless Atmosphere*; W. G. Kendrew, *Climatology*; A. A. Miller, *Climatology*; H. C. Willett, *Descriptive Meteorology*; H. R. Byers, *General Meteorology*; C. E. P. Brooks, *The English Climate*.

- 211. Elements of Cartography and Map Interpretation.** Dr. Pugh and Mr. Brunsdon. Twenty-five lectures, Sessional. With field work in the third term (Wednesday or Friday afternoons).

Syllabus.—The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments. The broad outlines of the history of map-making, with special reference to the development of Ordnance Survey maps.

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 Surveying*; W. Norman Thomas, *Surveying*; *The Admiralty Manual of Hydrographic Surveying*; R. G. D. Allen, *Statistics for Economists*.

- 212. Elements of Cartography and Map Interpretation (Practical).** Dr. Pugh and Mr. Brunsdon. 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.

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*.

- 213. Introduction to Human Geography—I.** Dr. Lambert and Dr. Yates. Twenty-five lectures, Sessional.

- 214. Introduction to Human Geography—II.** Dr. Jones and Mr. Elkins. Twenty-five lectures, Sessional.

These two courses will consider 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—III. (Bio-Geography).** Miss Coleman and Dr. Yates. Twenty lectures, Michaelmas and Lent Terms.

Syllabus.—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.

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*.

- 216. Advanced Regional Geography—British Isles.** Professor Wise, Dr. J. H. Bird and Dr. Yates. 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*; A. G. Ogilvie (Ed.), *Great Britain: Essays in Regional Geography*; 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. Elkins. 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. Elkins, Dr. Yates and Dr. J. H. Bird. Sessional.

- 219. Comparative Regional Geography.** Mr. Rawson and Mr. Sinclair. Sessional.

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. Geomorphology—I.** Dr. Pugh, Miss Coleman and Dr. Clayton. Twenty-five lectures, Sessional.

222. **Meteorology and Climatology—I.** Mr. 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*.
223. **Plant Geography—I.** An intercollegiate course.
224. **Economic Geography—I.** Professor Buchanan and Mr. Martin. Twenty-five lectures, Sessional.
Recommended reading.—N. J. G. Pounds, *An Introduction to Economic Geography*; E. W. Zimmermann, *World Resources and Industries*.
225. **Historical Geography—I.** Dr. Lambert and Dr. Yates. Sessional.
Syllabus.—As for Course No. 202.
226. **History of Geographical Science and Discovery—I.** An intercollegiate course.
227. **Political Geography—I.** Dr. Harrison Church and Dr. Jones. Sessional.
Syllabus.—As for Course No. 203.
228. **Geography of Settlement—I.** Professor Wise, Dr. Jones, Mr. Elkins and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.
Reference should also be made to the following courses:—
 No. 202. **Historical Geography—I.**
 No. 203.—**Political Geography.**

Third Year

229. **Seminar.** Professor Wooldridge and Professor Buchanan. Sessional.
230. **Advanced Regional Geography—Western and Central Europe—II.** Mr. Elkins and Dr. Harrison Church. 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, *Western Europe*; R. E. Dickinson, *Germany*; T. H. Elkins, *Germany*; P. George and J. Tricart, *L'Europe Centrale, 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. 197.—**North America.**
 No. 198.—**Monsoon Asia.**
 No. 199.—**Africa.**

Note: Students in their third year will be required to continue work on their chosen Optional subject; the following courses will be provided:—

231. **Mathematical Geography and Surveying—II.** Fifty lectures. An intercollegiate course.
232. **Geomorphology—II.** Professor Wooldridge and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.
233. **Geomorphology Class.** Professor Wooldridge. Twenty-five classes, Sessional.
234. **Meteorology and Climatology—II.** Professor Wooldridge and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Bedford College.
235. **Plant Geography—II.** An intercollegiate course.
236. **Economic Geography—II.** Professor Buchanan and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.
237. **Economic Geography Class.** Professor Buchanan and Mr. Martin. 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, Lent and Summer Terms.
240. **History of Geographical Science and Discovery—II.** An intercollegiate course.
241. **Political Geography—II.** Twenty-five lectures, Sessional. An intercollegiate course may be given at Birkbeck College.
242. **Geography of Settlement—II.** Professor Wise and others. Sessional. An intercollegiate course to be given at Birkbeck College.
243. **Applied Geography.** Professor Wise and Mr. Estall. Sessional.
Syllabus.—As for Course No. 204.

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 208, 209, 210, 211, 212.
Second Year : Courses 215, 216, 217, 218.
Third Year : Course 230.

Courses for B.Sc. General (Part II)

Second Year : Courses 208, 209, 210, 211, 212, 216, 217.
Third Year : Courses 215, 218, 230.

For Graduate Students

244. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. Sealy. Admission by permission of Mr. Rawson.
245. **Geography Seminar.** A graduate seminar will be held fortnightly throughout the session.
246. **Regional Survey Problems (Seminar).** An evening seminar. Admission by permission of Professor Wise.

Reference should also be made to the following sections and course:—

- Anthropology—Regional studies.**
Economics—International Economics.
No. 515.—**Geographical and Strategic Factors in International Politics.**

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

- S. W. WOOLDRIDGE, C.B.E., D.Sc., F.R.S.; Professor of Geography.
J. C. PUGH, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Reader in Geography.
J. H. BIRD, B.A., Ph.D.; Lecturer in Geography.
ALICE M. COLEMAN, M.A.; Lecturer in Geography.
T. H. ELKINS, B.A.; Lecturer in Geography.
E. M. YATES, M.Sc., Ph.D.; Lecturer in Geography.
D. BRUNSDEN, B.Sc.; Assistant Lecturer in Geography.

HISTORY

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CONSTITUTIONAL HISTORY

250. English Constitutional History since 1660. Mr. Bassett and Professor Smellie. Twenty-five lectures, Sessional.

For B.Sc. Econ. Part II—Special subjects of Government, Option (v) (a), Economic History (Modern), Option (v) (b), and Economic History (Mediæval), Option (v) (b).

Syllabus.—The Restoration, the Revolution, Act of Settlement, Act of Union. The Crown, the prerogative, the dispensing, suspending and pardoning powers. Armed forces, police. Treason and riot. The civil list.

The Prime Minister, Secretaries of State, and principal Departments.

Parliament. Duration and intermission. Composition of both houses. The unreformed electorate. Qualifications of members. Impeachment and attainder. Privileges of parliament. Its control of finance. The position of the Speaker. Dissolution.

The Judiciary and its independence.

Liberty of the subject. Habeas Corpus. Right to petition. Freedom of the Press. General warrants. Fox's Libel Act.

Political parties, their influence on the formation and fall of ministries. Patronage and influence. Relations of the sovereign, ministers, and parliament in the system of parliamentary monarchy.

The old colonial system. Unreformed local government. The reform of the franchise 1832, 1867, and 1884. The development of party organisation. The conventions of the constitution and the growth of cabinet government. The civil service. The reorganisation of the administrative and judicial systems after 1832. The procedure of the Commons and the problem of the House of Lords. The growth of local government and the changes in its relations with the central government. The reform of the judicial system. The development of Dominion status.

Books for reading or reference.—GENERAL: G. M. Trevelyan, *England under the Stuarts* (Chapters XII–XV); C. G. Robertson, *England under the Hanoverians*; G. M. Trevelyan, *British History in the 19th Century*; R. H. Gretton, *A Modern History of the English People*; E. Halévy, *History of the English People in the 19th Century*; J. E. E. Dalberg-Acton, *Lectures on Modern History* (12, 13 and 16); W. I. Jennings, *Cabinet Government*; K. B. Smellie, *Hundred Years of English Government*; W. C. Costin and J. S. Watson, *The Law and Working of the Constitution—Documents, 1660–1914*; G. H. L. Le May, *British Government, 1914–53: Select Documents*.

CONSTITUTIONAL: D. L. Keir, *The Constitutional History of Modern Britain*; M. A. Thomson, *A Constitutional History of England, 1642–1801*; T. E. May, *The Constitutional History of England*; T. P. Taswell-Langmead, *English Constitutional History* (10th edn.); A. V. Dicey, *Introduction to the Study of the Law of the Constitution*; W. R. Anson, *Law and Custom of the Constitution*; A. L. Lowell, *Government of England*; C. G. Robertson (Ed.), *Select Statutes, Cases and Documents*; J. R. Tanner, *English Constitutional Conflicts of the Seventeenth Century*; W. S. Holdsworth, *History of English Law*.

CABINET AND PARLIAMENT: M. T. Blauvelt, *The Development of Cabinet Government in England*; G. S. Veitch, *The Genesis of Parliamentary Reform*; J. R. M. Butler, *The Passing of the Great Reform Bill*; G. L. Dickinson, *The Development of Parliament during the Nineteenth Century*; E. and A. G. Porritt, *The Unreformed House of Commons* (Vol. 1); A. S. Turberville, *The House of Lords in the Eighteenth Century*; J. B. Owen, *The Rise of the Pelhams*; L. B. Namier, *The Structure of Politics at the Accession of George III*; E. R. Turner, *The Cabinet Council of England*; F. E. Gillespie, *Labor and Politics in England*; H. R. G. Greaves, *The Civil Service in the Changing State*; R. Pares, *King George III and the Politicians*; J. Brooke, *The Chatham Administration, 1766–1768*; N. Gash, *Politics in the Age of Peel*; L. B. Namier, *Personalities and Powers*; A. Aspinall, *The Cabinet Council, 1783–1835* (Raleigh Lecture on History, 1952, in *Proceedings of the British Academy*, Vol. 38); W. D. Jones, *Lord Derby and Victorian Conservatism*.

POLITICAL PARTIES: D. A. Winstanley, *Personal and Party Government*; Lord Chatham and the Whig Opposition; M. Hovell, *The Chartist Movement*; A. Aspinall, *Lord Brougham and the Whig Party*; H. W. C. Davis, *The Age of Grey and Peel*; R. L. Hill, *Toryism and the People*; K. G. Feiling, *History of the Tory Party*; *The Second Tory Party*; R. T. McKenzie, *British Political Parties*; H. M. Pelling, *The Origins of the Labour Party*; F. Bealey and H. Pelling, *Labour and Politics*, 1900-1906.

BIOGRAPHY: J. Morley, *Walpole*; J. H. Plumb, *Sir Robert Walpole*; A. F. B. Williams, *The Life of William Pitt, Earl of Chatham*; G. M. Trevelyan, *The Early History of C. J. Fox*; Lord Rosebery, *William Pitt*; G. D. H. Cole, *Life of William Cobbett*; G. M. Trevelyan, *Lord Grey of the Reform Bill*; J. L. and B. Hammond, *Lord Shaftesbury*; J. Morley, *The Life of William Ewart Gladstone*; G. L. Strachey, *Queen Victoria*.

251. 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 (v) (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*.

252. 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*.

Reference should also be made to the following course:—

No. 330.—*Constitutional History of England, 1485-1660 (Class)*.

ECONOMIC HISTORY

260. Economic History. Forty-nine lectures in two sessions.

For B.Sc. (Econ.) Part I. B.A. Honours in Philosophy and Economics (First and Second Years), (c) and (d) only.

(a) **Economic Development in England and Western Europe during the Fourteenth and Fifteenth Centuries.** Professor Carus-Wilson. Five lectures, Michaelmas Term.

Syllabus.—Agricultural organisation; changes in manorial structure and in the position of the peasantry; the development and organisation of industries; the pattern of international trade.

(b) **Economic Developments in England and Western Europe during the Sixteenth and Seventeenth Centuries.** Professor Fisher. Ten lectures, Michaelmas and Lent Terms.

Syllabus.—The growth of the division of labour; the factors that stimulated it and the major consequences; the commercialisation of agriculture; the development and organisation of industry; the improvements in transport; the organisation of internal and international trade; the mobilisation of capital and the development of financial institutions; the wage-earning classes and the problem of poverty; economic relationships between Europe and the rest of the world; economic thought and policy.

(c) **Economic change in Britain, Western Europe, and the U.S.A., 1700-1850.** Dr. John and Dr. Barker. Fourteen lectures, Lent and Summer Terms.

Syllabus.—The expansion of population; its possible causes and effects; increased occupational mobility; internal migration and international movements of labour. The development of agriculture; agrarian changes in Britain and Western Europe; the extension of the frontier in the United States; the Plantations and slave labour. The application of new techniques to manufacture, transport and trade; the accumulation of capital and new forms of investment; the concentration of industry; the development of factory production; the recruitment and training of labour; the rise of trade unions; industrial communities and the problems of early urbanization. The expansion of domestic and international trade; the economic relations of mother countries and colonies. The growth and specialisation of financial institutions; the migration of capital. The coming of the railway and the effects of this on economic and social life in Britain, Europe and the United States. The movement of prices, rents, rates of interest, and wages; industrial fluctuations; the economic causes and effects of the wars and revolutions. The tendencies in economic thought and in national economic policies in a period of rapid expansion.

(d) **Industrialisation and the International Economy, 1850-1939.** Dr. Barker and others. Twenty lectures, Michaelmas and Lent Terms (Second Year).

Syllabus.—The further industrialisation of Britain and its relation to other aspects of economic change. The economic development of the U.S.A. The extent and general character of industrialisation in the rest of the world. The relation between industrialisation and the supply of food and raw materials. The growth of international specialisation and trade. The main influences on the speed and smoothness of economic expansion at different times.

261. Introduction to Modern English Economic History. Mr. Stern. Twenty-five lectures, Sessional.

For B.A. Honours in History; for the Certificate in Social Science and Administration (First Year); for Personnel Administration students and students attending the Trade Union Studies Course.

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*.

FOR REFERENCE.—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*; H. Lynd, *England in the Eighteen-Eighties*.

Books on particular subjects will be recommended in the course of the lectures.

262. English Economic History in the Sixteenth and Seventeenth Centuries. Dr. Coleman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economic History (Modern) and Economic History (Mediæval), Option (v) (c); and B.A. Honours in History, Optional subject of Economic History.

Syllabus.—This course will deal with particular aspects of the following subjects: landownership and farming; industrial and commercial development; labour; transport; public finance; credit and the development of financial institutions; the economic relations between England and her Colonies; economic thought and policy.

Recommended reading.—A bibliography will be given at the beginning of the course.

263. English Economic History, 1700-1850. Dr. John and Dr. Mingay. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economic History (Modern), and Economic History (Mediæval), Options (v) (c) and (d); and B.A. Honours in History, Optional subject of Economic History.

Syllabus.—This course is designed to supplement the lectures given on the period in Course 260 (c). 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.

264. English Economic History, 1850-1939. Mr. Stern and Dr. Barker. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economic History (Modern) and Economic History (Mediæval), Option (v) (d).

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.—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*; 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. Feaveryear, *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*.

265. Industrial History. Dr. Coleman. Twenty lectures, Michaelmas and Lent Terms.

For Engineers and Applied Scientists (see Course 132).

Syllabus.—The purpose of this course is to give a general outline of the relationships between technological change and economic and social development, with particular reference to English economic history from 1700 to the present day. The main topics considered include: the history of some of the major industries; the development of business organisation; trade, transport and communication; the relations between capital and labour, including the growth of Trade Unions; the national income and the distribution of wealth; the changing position of Great Britain in the world economy; industrialisation (outside Great Britain) in the twentieth century.

Recommended reading.—A. P. Usher, *A History of Mechanical Inventions* (revised edition); *An Introduction to the Industrial History of England*; M. W. Thomas (Ed.), *A Survey of English Economic History*; H. Heaton, *Economic History of Europe*; H. Butterfield, *The Origins of Modern Science*; G. N. Clark, *Science and Social Welfare in the Age of Newton*; H. W. Dickinson, *A Short History of the Steam Engine*; F. S. Taylor, *The Century of Science, 1841–1941*; P. Dunsheath (Ed.), *Century of Technology, 1851–1951*; The Newcomen Society, *Transactions*; T. S. Ashton, *Iron and Steel in the Industrial Revolution*; *The Industrial Revolution, 1760–1830*; A. P. Wadsworth and J. de L. Mann, *The Cotton Trade and Industrial Lancashire, 1600–1780*; W. T. Jackman, *The Development of Transportation in Modern England*; W. T. Jeans, *The Creators of the Age of Steel*; S. Smiles, *Lives of the Engineers*; G. C. Allen, *The Industrial Development of Birmingham and the Black Country, 1860–1927*; *British Industries and their Organization*; W. Ashworth, *A Short History of the International Economy, 1850–1950*.

266. Economic History of North America since 1783. Mr. Potter. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economic History (Modern) and Economic History (Mediæval), Option (v) (f).

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. and M. Beard, *The Rise of American Civilization*; 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. Frickey, *Economic Fluctuations in the United States, 1865–1914*; *Production in the United States, 1860–1914*; L. M. Hacker, *The Triumph of American Capitalism*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; M. L. Hansen, *The Immigrant in American History*; H. A. Innis, *The Cod Fisheries, the history of an international economy*; H. B. Lary, *The United States in the World Economy*; A. R. M. Lower, *The North American Assault on the Canadian Forest*; T. G. Manning and D. M. Potter, *Select Problems in Historical Interpretation*; F. McDonald, *We the People: the economic origins of the constitution*; M. Meyers, *The Jacksonian Persuasion: politics and belief*; 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*.

267. 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; 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.

268. Economic History of the United States of America (Class). Dr. Erickson and Mr. Potter.

For B.Sc. (Econ.) Part II—Special subjects of Economic History (Modern) (iv), and Economic History (Mediæval), Option (v) (f).

269. Economic History of Western Europe in the Middle Ages (with special reference to England). Professor Carus-Wilson and Dr. Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Mediæval Economic History; B.A. Honours in History (Second Year); and for B.Sc. (Econ.) Part I—Alternative subject of English Economic History from the Norman Conquest to 1485. Recommended for graduate students.

Syllabus.—The lectures will first discuss the transition from the Roman to the mediæval world, the evolution of the great estate, early commercial intercourse, and the growth of towns. They will proceed to deal with agriculture and rural life (with special reference to England) from the 12th to the 15th centuries, with the economic organisation of industry and the towns, with merchant and craft guilds and the development of capitalistic forms of organisation, particularly in the cloth industry, and with the European commercial system with special reference to the Italians, the Hansards, and the evolution of English trade; and they will conclude with a discussion of the transition from the mediæval to the modern world.

Recommended reading.—The best outline surveys are:—H. Heaton, *Economic History of Europe* (mediæval sections); H. Pirenne, *Economic and Social History of Medieval Europe*, and, for reference, *The Cambridge Economic History of Europe*, Vols. I and II.

Other useful textbooks are:—P. Boissonnade, *Life and Work in Medieval Europe*; J. W. Thompson, *An Economic and Social History of the Middle Ages, 300–1300*; *Economic and Social*

History of Europe in the Later Middle Ages, 1300-1530; E. Lipson, *Economic History of England*, Vol. I (8th Edition, 1945).

Books on particular subjects will be recommended during the course.

270. **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.
271. **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, beginning in the Lent Term.
272. **Economic History, 1485-1603 (Class).** A class for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Professor Fisher.
273. **Modern Economic History, 1830-1876 (Class).** Classes for students taking this special period for Part II of the B.Sc. (Econ.) degree will be held by Dr. John and Mr. Stern.
274. **Classes.** From the middle of the Michaelmas Term a weekly class for the discussion of historical topics will be held by members of the Department for students taking the B.Sc. (Econ.) Part II—Special subject of Economic History (Modern).

FOR GRADUATE STUDENTS

275. **Economic History of the Later Middle Ages (Seminar).** This seminar will be held by Professor Carus-Wilson at the Institute of Historical Research. Admission will be strictly by permission of Professor Carus-Wilson.
276. **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.

Reference should also be made to the following section and courses:—

Politics and Public Administration.

- No. 74.—**English Monetary and Banking History.**
 No. 170.—**Economics and History of Transport.**
 No. 171.—**The Economics of Air Transport.**
 No. 172.—**The Economics of Shipping.**
 No. 173.—**Economics and History of Transport (Class).**
 No. 202.—**Historical Geography—I.**
 No. 238.—**Historical Geography—II.**
 No. 299.—**International Economic History, 1850-1945.**
 No. 370.—**History of English Law.**
 No. 847(a).—**Historical Introduction to Modern Britain.**

INTERNATIONAL HISTORY

290. **Political History.** Fifty lectures in two sessions. Mr. Davies, Dr. Hatton, Dr. Anderson, Dr. Hearder and Dr. Gottlieb.

For B.Sc. (Econ.) Part I.

- (a) **The Coming of Modern Europe, 1500-1789.** Twelve lectures, Michaelmas and Lent Terms.

Syllabus.—An introductory survey which will deal with the effect of the Renaissance, the Reformation, and the Expansion of Europe upon political life; the rise of the nation-states; the absolutist monarchies of the sixteenth and seventeenth centuries; the Enlightenment of the eighteenth century; together with a broad survey of the general political relationships of the period.

- (b) **The Era of Revolutions, 1776-1850.** Fourteen lectures, Lent and Summer Terms.

Syllabus.—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 progress of liberal, revolutionary, and nationalist movements down to and including the revolutions of 1848.

- (c) **The Growth of the Modern States after 1850.** Fourteen lectures, Summer Term (1st year) and Michaelmas Term (2nd year).

Syllabus.—The unification of Italy and Germany; the Second Empire and Third Republic in France; the Dual Monarchy of Austria-Hungary; the German Empire; the reform period in Russia; the internal development of the United States of America; together with a general survey of the political relationships of the European states in the period.

- (d) **Europe and the Modern World, 1890-1919.** Ten lectures, Lent Term (2nd year).

Syllabus.—The new imperialism, with special reference to Africa and the Far East; the United States of America and Japan in world affairs; international and intellectual movements; the origins of the First World War; the Russian revolution; the dissolution of the Austrian, German, and Ottoman empires; the Peace Settlement of 1919; the League of Nations.

Recommended reading.—Any of the following outline surveys can be chosen: M. Beloff (Ed.), *History, Mankind and his Story*; J. C. Reville, *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*; J. M. Thompson, *Lectures on Foreign History, 1492-1789*; E. Lipson, *Europe in the 19th Century*; H. G. Nicholas, *American Union*; M. Bruce, *The Shaping of the Modern World, 1870-1939* (Vol. I).

This can be followed by the study of a more detailed survey, such as, G. Bruun, *Europe in Evolution, 1415-1815*; 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; J. H. Parry, *Europe and a Wider World, 1415-1715*, supplemented by 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. Diplomatic Relations of the Great Powers, 1815-1914.

Professor Medlicott and Miss Lee. Forty lectures, Sessional (day).

Dr. Bourne. Twenty lectures, Sessional (evening).

For B.Sc. (Econ.) Part II—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); and Economic History (Mediæval), Option (v) (e); 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.** Professor Medlicott. Six lectures, Michaelmas Term.

(b) **The Palmerston-Metternich Era, 1830-1848.** Miss Lee. Six lectures, Michaelmas Term.

(c) **The Bismarck Era, 1848-1890.** Professor Medlicott. Fourteen lectures, Michaelmas and Lent Terms.

(d) **The Era of the First World War, 1890-1914.** Professor Medlicott. Fourteen lectures, Lent Term.

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*; A. Bullock and A. J. P. Taylor, *A Select List of Books on European History, 1815-1914*; R. W. Seton-Watson, *Britain in Europe, 1789-1914*; C. K. Webster, *The Congress of Vienna; The Foreign Policy of Castlereagh* (2 vols.); *The Foreign Policy of Palmerston* (2 vols.); H. W. V. Temperley, *The Foreign Policy of Canning*; H. G. Schenk, *The Aftermath of the Napoleonic Wars*; C. W. Crawley, *The Question of Greek Independence, 1821-1833*; H. W. V. Temperley, *England and the Near East (1808-1854)*; H. M. Vinacke, *A History of the Far East in Modern Times*; A. J. Whyte, *The Evolution of Modern Italy*; 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.

292. International History, 1914-1945. Mr. Grün. Fifteen lectures, Michaelmas Term, fifteen lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); and Economic History (Mediæval), Option (v) (e); B.A. Honours in History—Optional subject of Diplomatic Relations since 1815 (Second Year Final); 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. Chambers and others, *This Age of Conflict* (2nd 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*; 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*; G. H. N. Seton-Watson, *Eastern Europe between the Wars, 1918-1941*; 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*; C. Wilmot, *The Struggle for Europe*.

Further material for reading will be suggested in the course of the lectures.

293. The Mediterranean in International Politics, 1815-1914.

Miss Lee. Six lectures, Michaelmas Term (day only).

For B.Sc. (Econ.) Part II—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); Economic History (Mediæval), Option (v) (e); B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Second Year); Certificate in International Studies.

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 291 and particular study of the following:—J. E. Swain, *Struggle for the Control of the Mediterranean prior to 1848*; F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; V. J. Puryear, *France and the Levant*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*American History Review*, XXXI, 1925-26); W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, v, 1926-7); 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*.

294. The Baltic in International Politics, 1815-1939. Dr. Hatton.

Six lectures, Lent Term (day only).

For B.Sc. (Econ.) Part II—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); Economic History (Mediæval), Option (v) (e); B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Second Year); Certificate in International Studies.

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. Anderson, 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*.

295. British-American-Russian Relations, 1815-1914. Mr. Davies

and Dr. Bourne. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of International History, Option (iv) (c); International Relations; B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Second 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*; A. A. Lobanov-Rostovsky, *Russia and Asia*; 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; C. C. Davies, *The Problem of the North-west Frontier, 1890-1908*; 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*.

296. The Old Foreign Office, 1815-1861. Dr. Hearder. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of International History, Option (iii) (a).

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).

297. The Great Powers and Egypt, 1882-1888. Miss Lee. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of International History, Option (iii) (b).

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'Égypte* (1905); Lord Cromer, *Modern Egypt* (1908).

298. The Manchurian Crisis, 1931-33. Mr. Grün. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of International History, Option (iii) (c), and International Relations, Option (v) (b).

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, 1931-32*; R. Bassett, *Democracy and Foreign Policy*; United Kingdom Foreign Office, *Documents on British Foreign Policy*, 2nd Series, Vol. 8.

299. International Economic History, 1850-1945. Professor Fisher and Mr. Stern. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of International History, Option (iv) (b).

Syllabus.—The development of international trade, migration, 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, 1850-1950*; 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. Sturmfel, *Unity and Diversity in European Labor*.

W. Y. Carman, *A History of Firearms from Earliest Times to 1914*; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; A. J. Marder, *British Naval Policy, 1880-1905*; J. T. W. Newbold, *How Europe Armed for War* (1871-1914); E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833-1914*; *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*.

300. Political History (Class). From the middle of the Michaelmas Term fortnightly classes for the discussion of historical topics will be held by members of the Department for first-year students taking the paper in Political History, B.Sc. (Econ.) Part I.

301. Political History (Class). Fortnightly classes for the discussion of historical topics will be held in the Michaelmas and Lent Terms by members of the Department for second-year students taking the paper in Political History, B.Sc. (Econ.) Part I.

302. **International History, 1815-1945 (Class).** Classes for students taking courses 291 and 292 for Part II of the B.Sc. (Econ.) and B.A. Honours in History (Second Year) and Certificate in International Studies, will be held.

FOR GRADUATE STUDENTS

303. **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.
304. **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. Mr. Alun Davies. Michaelmas Term.
305. **International History, 1815-1939 (Seminar).** This seminar will be held by Professor Medlicott at the Institute of Historical Research. Admission will be strictly by permission of Professor Medlicott.
306. **The Diplomatic Background of the Second World War (Seminar).** Professor Medlicott and Mr. Grün. Admission will be strictly by permission of Professor Medlicott.
307. **International History since 1945 (Seminar).** This seminar will be held by Professor Barraclough at the Royal Institute of International Affairs. Admission will be strictly by permission of Professor Barraclough.

Reference should also be made to the following courses:—

No. 506.—**International Institutions.**

No. 665.—**Current Social and Political 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. **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*.

326. **English History before 1450.** Dr. Waley. Fifty 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); A. R. Myers, *England in the Late Middle Ages* (Pelican Books).

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.

327. **English History, 1450-1603.** Mrs. Carter. Twenty lectures, Sessional.

For B.A. Honours in History (First Year).

Recommended reading.—The best text books are: G. R. Elton, *England under the Tudors*; J. D. Mackie, *The Earlier Tudors*; J. B. Black, *The Reign of Elizabeth, 1558-1603* (2nd edn.).

Other specially recommended works are: R. W. Chambers, *Thomas More*; A. G. Dickens, *Lollards and Protestants in the Diocese of York, 1509-1558*; G. R. Elton, *The Tudor Revolution in Government*; J. E. Neale, *Elizabeth I and her Parliaments*; J. Hurstfield, *The Queen's Wards*; J. H. Clapham, *A Concise Economic History of England from the Earliest Times to 1750*.

Further books will be recommended during the course.

- 328. English History, 1603-1760.** Mrs. Carter. Twenty lectures, Sessional.

For B.A. Honours in History (Second Year).

Recommended reading.—The best text books are: G. Davies, *The Early Stuarts, 1603-1660* (2nd edn.); G. N. Clark, *The Later Stuarts, 1660-1714*; A. F. B. Williams, *The Whig Supremacy, 1714-1760*; M. A. Thomson, *A Constitutional History of England, 1642-1801*.

Other specially recommended works are: D. H. Willson, *James VI and I*; C. Hill, *Puritanism and Revolution*; D. Ogg, *England in the Reign of Charles II*; J. H. Plumb, *Sir Robert Walpole*; J. B. Owen, *The Rise of the Pelhams*; T. S. Ashton, *An Economic History of England: The Eighteenth Century*.

Further books will be recommended during the course.

- 329. English History, 1760-1846.** Dr. Brown. Twenty lectures, Sessional.

For B.A. Honours in History.

Recommended reading.—References for reading will be given during the course.

- 330. Constitutional History of England, 1485-1660 (Class).** Mrs. Carter will hold fifteen classes in the Michaelmas and Lent Terms on English Constitutional History from 1485 to 1660, for students taking B.A. Honours in History (with Optional subject of English Constitutional History) and others.

- 331. European History, 1200-1500.** This course will not be given in the session 1960-61.

For B.A. Honours in History (First and Second Years).

Recommended reading.—Books will be recommended during the course.

- 332. Florence and the Renaissance, 1464-1530.** Classes will be held throughout the session by Dr. Waley for students taking B.A. Honours in History with special subject of Florence and the Renaissance, 1464-1530.

- 333. The Civilisation of the Renaissance in Italy, 1400-1550.** Classes will be held in the Michaelmas Term by Dr. Waley for students taking B.A. Honours in History with Optional subject of the Civilisation of the Renaissance in Italy, 1400-1550.

- 334. Economic and Social History of Tudor England (Inter-collegiate Seminar).** A seminar will be held by Professor Fisher for students taking B.A. Honours in History with the special subject of Economic and Social History of Tudor England. This seminar begins in the Summer Term and continues in the following Michaelmas and Lent Terms.

- 335. 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.

- 336. The Near Eastern Question, 1875-1881 (Intercollegiate Seminar).** A seminar will be held on Monday afternoons by Professor Medlicott, starting in the Summer Term, for B.A. Honours students taking the Special subject of the Near Eastern Question, 1875-1881.

- 337. The Diplomatic Relations of the Great Powers since 1815.** Professor Medlicott and Dr. Hearder. Lectures and classes for students taking B.A. Honours in History with Optional subject of the Diplomatic Relations of the Great Powers since 1815.

- 338. Mediæval English and European History (Classes).** Classes for students taking B.A. Honours in History will be held throughout the session by Dr. Waley and Mr. King.

- 339. English History from 1450 to 1920 (Classes).** Classes and tutorials will be held throughout the session by Mrs. Carter, period 1450-1760, and Dr. Brown, period 1760-1920, for students taking B.A. Honours in History.

- 340. European History, 1494-1760 (Classes).** Classes will be held throughout the session by members of the department of International History, for students taking B.A. Honours in History.

- 341. English and European History from the End of the Fifteenth to the Middle of the Eighteenth Century (Classes).** Classes and tutorials will be held throughout the session by Mrs. Carter on the outlines of English and European History, for students taking History as a subsidiary subject to B.A. Honours in Geography.

- 342. The History of Political Thought.** Classes will be held by Dr. Sharp and Mr. Cranston in the Michaelmas and Lent Terms for students taking B.A. Honours in History.

- 343. European History, 1500-1750.** Dr. Anderson and Dr. Hatton. Lectures and classes will be held throughout the session for students taking B.A. Honours in History.

Recommended reading.—Books will be recommended during the course.

- 344. European History since the middle of the Eighteenth Century.** Dr. Bourne and Miss Lee. Lectures and classes will be held throughout the session for students taking B.A. Honours in History.

Recommended reading.—Books will be recommended during the course.

Note.—Intercollegiate lecture courses covering the field of Mediæval 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 sessions 1960–61 and 1961–62.

Reference should also be made to the following courses:—

- No. 250.—English Constitutional History since 1660.
- No. 251.—English Constitutional History before 1450 (Class).
- No. 252.—English Constitutional Documents (Mediæval) (Class).
- No. 261.—Introduction to Modern English Economic History.
- No. 269.—Economic History of Western Europe in the Middle Ages (with special reference to England).
- No. 291.—Diplomatic Relations of the Great Powers, 1815–1914.
- No. 292.—International History, 1914–1945.
- No. 293.—The Mediterranean in International Politics, 1815–1914.
- No. 294.—The Baltic in International Politics, 1815–1939.
- No. 295.—British-American-Russian Relations, 1815–1914.
- No. 541.—Political and Social Theory.
- No. 843.—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 100 to 116, pp. 253 to 255.
- International History:** Courses 290 to 307, pp. 291 to 296.
- International Law:** Course 369, pp. 309, 310
and, particularly,
- International Relations:** Courses 500 to 531, pp. 341 to 348.

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360. English Legal Institutions. Mr. Diamond. Twenty lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject of Elements of English Law, Part A.

Syllabus.—The nature and origins of law. Historical outline of English law and the development of Common Law and Equity. Main characteristics of modern English law. Sources: legislation and statutory interpretation, case law, and custom. Organisation of the courts and their jurisdiction. Arbitration. Codification. The theory of binding precedent. The personnel of the law and the legal profession: judges, Justices of the Peace, juries, barristers and solicitors. Legal Aid and Advice. An outline of procedure and evidence. Legal persons, natural and artificial. The subject and his rights and duties in the State. The branches of the Law and their principal characteristics: Constitutional Law, Administrative Law, Criminal Law, Contract, Tort, Family Law, Property and Mercantile Law.

Recommended reading.—R. M. Jackson, *The Machinery of Justice in England*; O. Hood Phillips, *A First Book of English Law*; G. L. Williams, *Learning the Law*; E. Jenks, *The Book of English Law* or P. S. James, *Introduction to English Law*; P. Archer, *The Queen's Courts*; A. T. Denning, *The Changing Law*; G. L. Williams, *The Proof of Guilt*.

N.B.—It is essential that students should read only the latest editions of these books.

361. English Constitutional Law. Professor de Smith. Forty lectures, Sessional (day), 25 lectures of one and a half hours (evening).

For LL.B. Intermediate; the B.A. General; B.Sc. (Econ.) Part I (Second Year)—Alternative subject of Elements of English Law, Part B. Optional for Diploma in Public Administration (First Year).

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* (5th edn.); or O. Hood Phillips, *The Constitutional Law of Great Britain and the Commonwealth* (2nd 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.); 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*; C. P. Ilbert, *Parliament* (3rd edn.).

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.); *The Queen's Government*; J. A. G. Griffith and H. Street, *Principles of Administrative Law* (2nd edn.); W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I, Chaps. 1-3; S. A. de Smith, *The Vocabulary of Commonwealth Relations*; *Judicial Review of Administrative Action*; C. K. Allen, *Law and Orders* (2nd edn.).

362. The Common Law: With special reference to Commercial and Industrial Relations. Mr. Grunfeld. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I—Alternative subject of Elements of English Law, Part C; for LL.B. Final—Optional subject of Industrial Law; for students attending the Trade Union Studies course and Personnel Administration students.

Syllabus.—LAW OF CONTRACT: Formation: offer, acceptance, consideration and capacity. Defective contracts: Statute of Frauds, Section 4, misrepresentation, mistake, undue influence, and illegality (including restraint of trade). Conditions and Warranties: implied rights and duties of employer and employee. Discharge: agreement (including notice), frustration, performance and breach. Remedies: damages, specific performance, injunction and *quantum meruit*. Limitation. Assignment of contractual rights and negotiability. Contract of apprenticeship.

LAW OF TORT: Capacity. Negligence: dangerous things, *res ipsa loquitur*. General defences: contributory negligence, *volenti non fit injuria*, act of God, inevitable accident, remoteness of consequences. Remedies: damages, injunction, specific restitution. Breach of statutory duty. Deceit: negligent mis-statements. Conversion. Detinue. Character references and qualified privilege. Business competition and industrial relations: conspiracy, inducing or procuring breach of contract, slander of goods and title, passing-off, infringement of patents, trade-marks and copyrights. Business and industrial premises: liability under Occupiers' Liability Act, 1957, trespassers, law of nuisance, and rule in *Rylands v. Fletcher*. Master and Servant: control concept, common law and statutory duties of employer, common law and statutory remedies of employees, vicarious liability of employer (including the Crown, trade unions, commercial companies and public corporations).

Recommended reading.—LAW OF CONTRACT: (i) General: relevant chapters in J. Charlesworth, *Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*; and in A. S. Diamond, *The Law of Master and Servant*; or F. R. Batt, *The Law of Master and Servant*. For reference: G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; or R. Sutton and N. P. Shannon, *Contracts*; or W. R. Anson, *Principles of the English Law of Contract*; or J. F. Wilson, *Principles of the Law of Contract*. (ii) Bailment and Lien: relevant pages in J. Charlesworth, *Principles of Mercantile Law*; and T. M. Stevens, *Elements of Mercantile Law*. (iii) Contract of apprenticeship: Chap. IV in Mansfield Cooper, *Outlines of Industrial Law*.

LAW OF TORT: (i) General: relevant chapters in P. S. James, *General Principles of the Law of Torts*. For fuller explanations: P. H. Winfield, *A Text-Book of the Law of Tort*; or J. W. Salmond, *The Law of Torts*; or H. Street, *The Law of Torts*. (ii) Business Competition: for reference: D. K. Dix, *The Law Relating to Competitive Trading*. (iii) Patents, trade-marks, copyrights: relevant chapters in J. Charlesworth, *Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*. (iv) Master and Servant: relevant chapters in J. H. Munkman, *Employer's Liability at Common Law*. Students should always use the latest editions of the above books.

363. Criminal Law. Mr. Hall Williams. Forty-six lectures, Sessional (day), 25 lectures of one and a half hours (evening).

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* (17th edn., J. W. C. Turner, omitting parts concerning Procedure and Evidence); R. Cross and P. A. Jones, *Introduction to Criminal Law* (4th edn., 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*.

For further reading:—W. O. Russell, *Crime* (11th edn., 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*.

364. English Legal System. Professor Wheatcroft. Thirty-five lectures, Sessional (day only).

For LL.B. Intermediate; and for Academic Postgraduate Diploma in Law.

Syllabus.—The constitution, jurisdiction and personnel of civil and criminal courts. The legal profession.

Civil and criminal procedure. Evidence. Litigation and legal aid.

Statutes and subordinate legislation. Case law.

The divisions of English Law. Contract, Tort, Crime and Property.

The origins and development of the Common Law.

Legal persons.

Recommended reading.—G. L. Williams, *Learning the Law* (6th edn.); R. M. Jackson, *The Machinery of Justice in England* (2nd edn.); A. K. R. Kiralfy, *The English Legal System* (2nd edn.); O. Hood Phillips, *First Book of English Law* (3rd edn.); Stephen's *Commentaries* (chapters on Courts Sources, Civil and Criminal Procedure).

365. Elements of the Law of Contract. Professor Gower and Mr. Grunfeld. Forty-five classes, Sessional, 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.—The nature of contract. The formation of contracts. Form and consideration. Capacity of parties. Reality of consent. Legality of object. Privity of contract (excluding assignment and agency). Discharge of contracts. Remedies for breach (quasi-contract is excluded).

Students attending the day course must have with them a copy of Smith and Thomas, *Casebook on Contract*, as instruction will be by the casebook method.

Recommended reading.—Smith and Thomas, *Casebook on Contract*; G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; W. R. Anson, *Principles of the English Law of Contract*; J. W. Salmond and J. Williams, *Principles of the Law of Contracts*; R. Sutton and N. P. Shannon, *Contracts*.

FURTHER READING.—F. Pollock, *Principles of Contract*; J. Chitty, *Treatise on the Law of Contracts*; J. F. Wilson, *Principles of the Law of Contract*; D. Hughes Parry, *The Sanctity of Contracts in English Law*.

Students should always use the latest editions of the above books.

366. English Land Law. Dr. Valentine. Twenty-five lectures, Sessional.

For LL.B. Final, Part I.

Syllabus.—The general principles of English Land Law under the system of un-registered 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; over-riding 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*; H. J. Hood and H. W. Challis, *Property Acts* (8th edn.); G. H. Curtis and T. B. F. Ruoff, *Registered Conveyancing*.

367. Conflict of Laws. 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) Public policy. (3) Classification and *renvoi*. (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. Effect of marriage on property. (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. (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. Conclusion: Survey of the history of private international law.

Recommended reading.—G. C. Cheshire, *Private International Law* (5th edn.); R. H. Graveson, *Conflict of Laws* (3rd 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*; the *Modern Law Review*; and the *Transactions of the Grotius Society*.

368. 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. H. Parry, *The Law of Succession* (3rd edn.); S. J. Bailey, *The Law of Wills* (5th edn.). FOR REFERENCE: E. V. Williams, *A Treatise on the Law of Executors and Administrators* (13th edn.); H. S. Theobald, *The Law of Wills* (11th edn.).

369. Public International Law. Dr. Valentine. Forty lectures, Michaelmas and Lent Terms (day), twenty lectures (evening).

For LL.B. Final, Part II; B.Sc. (Econ.) Part I (First Year)—Alternative subject of International Law and B.Sc. (Econ.) Part II—Special subjects of International Relations, Option (iv) and (v) (a) and International Economics, Option (iv) (d); for the Certificate in International Studies.

Syllabus.—Foundations of International Law:—Historical, Sociological and Ethical Background—Characteristics—Sources and Law-Determining Agencies—International Law and Municipal Law.

The Principle of Sovereignty:—Independence and Equality of States—Forms of Sovereignty, with special reference to Territorial and Personal Jurisdiction—Acquisition and Loss of Territorial Sovereignty—Jurisdiction—over Individuals, Corporations, Ships and Aircraft—Limitations of Territorial and Personal Jurisdiction.

The Principle of Recognition:—Meaning and Functions of Recognition, with special reference to Recognition of International Personality—Types of Recognition—Non-Recognition.

The Principle of Consent:—Treaties—Other Types of Consensual Engagements—Unilateral Acts.

The Principle of Good Faith:—Meanings and Effects—Good Faith in Treaty Relations—The problem of Abuse of Rights—Estoppel.

The Principle of International Responsibility:—Meaning—Standards—Limits—Reparation—Self-Help.

The Principle of the Freedom of the Seas:—Delimitation of Maritime Frontiers—Sea-Bed and Subsoil—Freedom of Navigation, Fisheries and Other Users—Contiguous Zones, Hot Pursuit and other Limitations on the Freedom of the Seas.

The Principle of Self-Defence:—Self-Defence in Time of Peace—Compulsory Measures Short of War—Legal and Illegal War—State and Effects of War.

International Order and Organisation:—The Problem of an International Constitutional Law—Types and Functions of International Institutions—The Problem of the Enforcement of Legal Rights.

Recommended reading.—Students are advised to read, first, either J. L. Brierly, *The Law of Nations* (5th edn.) or G. Schwarzenberger, *Manual of International Law*, Part I (3rd edn.).

TEXT-BOOKS: L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn.); or G. Schwarzenberger, *International Law*, Vol. 1; *International Law as Applied by International Courts and Tribunals* (3rd edn.).

CASE-BOOKS: L. C. Green, *International Law through the Cases* (2nd edn.). Reference may also be made to H. Lauterpacht (Ed.), *International Law Reports* (formerly, *The Annual Digest*).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *Year Book of World Affairs*.

FURTHER READING: H. Lauterpacht, *The Development of International Law by the International Court* (1958); C. Eagleton, *International Government* (2nd edn.); L. M. Goodrich and E. Hambro, *The Charter of the United Nations* (2nd edn.); M. O. Hudson, *The Permanent Court of International Justice, 1920-1942*; H. Kelsen, *The Law of the United Nations* (for reference); G. Schwarzenberger, *The League of Nations and World Order*; A. D. McNair, *Legal Effects of War* (3rd edn.).

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. Mercantile Law—Agency and Sales and Other Dispositions of Goods. Professor Gower (day), Mr. Diamond (evening). Twenty-five lectures, Sessional.

For LL.B. Final, Part II. Other students will be admitted only by permission of Professor Gower.

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*; T. M. Stevens, *Elements of Mercantile Law*; J. Charlesworth, *Principles of Mercantile Law*. Main Text-Books: R. Powell, *The Law of Agency*; G. H. L. Fridman, *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*, Part I and Chaps. 14 and 19; 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.]

372. Elements of Commercial Law. Professor Gower. Twenty lectures, Michaelmas and Lent Terms.

Classes for discussion will be held at times to be arranged.

For B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (b), Industry and Trade, and Accounting.

Syllabus.—INTRODUCTION. History of the Law Merchant.

THE LAW OF AGENCY.—The creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and the Agent *vis-à-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*. Agents' commission. Termination of Agency. The Agency of Married Women.

PARTNERSHIP AND COMPANY LAW.—The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and other commercial associations, incorporated and unincorporated. The nature of Partnership. The formation of partnership and the rights and duties of partners towards third parties and *inter se*. The firm name and property. Termination and dissolution and rights to property, especially goodwill. Limited Partnerships. Formation of Companies under the Companies Act, 1948. Types of Companies. The nature and contents of the Memorandum and Articles of Association. Flotation of Companies, promoters and prospectuses. Capital. Shares and dividends. Meetings and Resolutions. Directors and other officers. Annual Return, Accounts and Audit. Debentures; and (in outline only) Reconstruction and Amalgamation, Inspection, and winding up.

SALE OF GOODS.—The special rules relating to Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales and provision of finance by Banker's Commercial Credits. Hire Purchase Agreements.

Cheques and Bills of Exchange, Carriage by Sea and Land and General Principles of Insurance Law with particular reference to Marine Insurance. The objects of the Law of Bankruptcy and the effect of Bankruptcy on Proprietary and Contractual Rights. [Candidates will only be expected to display an elementary knowledge of this paragraph to the extent necessary for proper understanding of the main subjects previously mentioned (especially Sale of Goods).]

An elementary knowledge of the English Legal System and of the Law of Contract and Tort will be presumed and candidates should not select this subject unless they have taken Elements of English Law (Parts A and C) in Part I.

[Note.—Candidates will be supplied in the Examination Room with Queen's Printer copies of the Partnership Act, 1890, the Companies Act, 1948, and the Sale of Goods Act, 1893.]

Recommended reading.—GENERAL READING: T. M. Stevens, *Elements of Mercantile Law*; J. Charlesworth, *Principles of Mercantile Law*; R. S. T. Chorley and H. A. Tucker, *Leading Cases on Mercantile Law*; or J. Charlesworth, *Cases on Mercantile Law*.

SPECIAL TOPICS.—AGENCY: G. H. L. Fridman, *Law of Agency* (1960).

PARTNERSHIP AND COMPANY LAW: A. Underhill, *Principles of the Law of Partnership*; J. A. Hornby, *An Introduction to Company Law*; L. C. B. Gower, *Principles of Modern Company Law*; or J. Charlesworth, *Principles of Company Law*.

SALE OF GOODS: C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export publication);

FOR REFERENCE: R. Powell, *Law of Agency* (1952); P. S. Atiyah, *The Sale of Goods*; B. Jacobs, *A Short Treatise on the Law of Bills of Exchange*; O. Kahn-Freund, *Law of Carriage by Inland Transport*; R. S. T. Chorley and O. C. Giles, *Shipping Law*; C. M. Schmitthoff, *The Export Trade* (3rd edn.); M. D. E. S. Chalmers, *Sale of Goods Act*.

Students should consult the latest editions of these books.

373. The Law of Banking. Classes will be held by Lord Chorley for students taking the B.Sc. (Econ.) Part II—Special subject of Money and Banking, Option (v) (c).

374. Industrial Law. Mr. Grunfeld. 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 principle *respondet superior*. The liability of the master for torts committed by the servant. The master's responsibility for the safety of his servant. Negligence and breach of statutory duty.

Collective agreements and their legal framework.

Legislation providing for minimum remuneration and for holidays with pay.

Methods to secure the proper payment of wages, such as Truck Acts, Particulars Clauses, and relevant provisions referring to mines and merchant shipping. The checkweighing system.

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". The Government White Papers of 1944. 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. Unemployment benefit, sickness benefit, maternity benefit, widow's benefit, guardian's allowance, retirement pension, and death grant under the National Insurance Act. Conditions of entitlement (including contribution conditions), duration of benefit, and disqualification. Classification of insured persons. Comparison between workmen's compensation and industrial injuries insurance. Industrial injury benefit, industrial disablement benefit, and industrial death benefit. Industrial accidents and industrial diseases. "Alternative Remedies". The principle of flat rate contributions and of flat rate benefits. Exceptions to the latter: increases of benefit by reason of family responsibilities and of personal needs. The "family" concept of social legislation.

Finance of National Insurance.

Enforcement of Claims.

Administration: the National Insurance Advisory Committee and the Industrial Injuries Advisory Council.

The residuary Assistance Service.

Recommended reading.—See the bibliography of Course No. 378. 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, 1953, *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*; 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*, Fabian Research Pamphlet No. 193; G. W. Guillebaud, *The Wages Councils System in Great Britain*.

Students should always use the latest editions of the above books.

375. Law of Domestic Relations. Mr. Davies (K.C.), Miss Stone, Mrs. Aikin and Mr. 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.

Married women's property; the obligations of husband and wife *inter se* during marriage; liability in contract and tort; maintenance and consortium. Liabilities to third parties.

(b) PARENT AND CHILD. The relation of parent and child, including legitimacy, illegitimacy, legitimation and adoption. Custody and Guardianship; the rights and obligations of parents at common law, in equity and by statute. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

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; *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*; D. Tolstoy, *Law and Practice of Divorce and Matrimonial Causes* (4th edn.) excluding the chapters on practice; W. Clarke Hall and A. C. L. Morrison, *Law relating to Children and Young Persons* (5th edn.) and Supplement.

REFERENCE BOOKS: W. Latey, *Law of Divorce* (14th edn.); W. Rayden, *Practice and Law in the Divorce Division of the High Court of Justice and on Appeal therefrom* (6th edn.); S. G. Lushington, *Summary Jurisdiction (Separation and Maintenance) Acts* (3rd edn.); 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.

376. Administrative Law. Professor Griffith. Twenty-five lectures, Sessional.

For LL.B. Final—Optional subject of Administrative Law; for B.Sc. (Econ.) Part II—Special subject of Government (v) (b). Optional for Diploma in Public Administration (Second Year).

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* (2nd edn. 1957); W. I. Jennings, *Principles of Local Government Law* (4th edn. 1960); W. A. Robson, *Justice and Administrative Law* (3rd edn. 1951).

GENERAL READING: 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* (6th edn. 1957); G. F. M. Campion (Lord Campion) and others, *British Government since 1918; Parliament: A Survey* (especially Ch. II); H. S. Morrison, *Government and Parliament*; D. N. Chester, *The Nationalised Industries* (2nd edn. 1951); W. I. Jennings, *Parliament* (2nd edn. 1957); *Cabinet Government* (2nd edn. 1951); W. A. Robson, *Development of Local Government* (3rd edn.); *Problems of Nationalized Industry*; H. Street, *Governmental Liability*; 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).

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*.

377. Air Law. Professor Johnson and Mr. Slynn. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Final, Part II; for graduate students; and for students taking the B.Sc. (Econ.) Part II—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

These lectures will be divided into two separate courses of ten lectures each.

(a) International and National Air Transport and the Law. Ten lectures, Michaelmas Term.

Syllabus.—Sovereignty over airspace in international law and private rights in airspace in English Law.

The Chicago Convention, 1944, and the International Civil Aviation Organisation. Historical antecedents. International organisations.

Economic problems and the legal framework. Multilateral and bilateral agreements granting commercial privilege to scheduled international services. Non-scheduled services. Fares and charges. Cabotage.

The legal status of aircraft. Criminal and civil jurisdiction over crew and passengers.

Civil aviation in English Law. The organisation and control of commercial flying in Great Britain. The Air Corporations and the independent operators. Functions of the Air Transport Advisory Council. Ministerial control and policy.

Recommended reading.—TEXT BOOKS: C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement); Sir Arnold McNair, *The Law of the Air* (2nd edn.).

FOR REFERENCE: J. C. Cooper, *The Right to Fly*; H. D. Hazeltine, *The Law of the Air*; M. Lemoine, *Traité de droit aérien*; A. J. Thomas, *Economic Regulation of Scheduled Air Transport*; S. F. Wheatcroft, *The Economics of European Air Transport*.

NOTE.—It is strongly recommended that students attending this course should buy for themselves from H.M. Stationery Office copies of the following:—*The Chicago Convention* (1944) (Cmd. 6614); the *Civil Aviation Act, 1949*; the *Air Corporations Act, 1949*; and the latest *Annual Report of the Air Transport Advisory Council*.

(b) The Law of Carriage by Air. Ten lectures, Lent Term.

Syllabus.—Common law rules applicable to carriage by air. The Warsaw Convention and the Carriage by Air Act, 1932. The Hague Protocol, 1955. The Carriage by Air (Non-International Carriage) (United Kingdom) Order, 1952. Contractual conditions determined by the International Air Transport Association.

Recommended reading.—TEXT BOOKS: *Chitty on Contracts* (21st edn.), Vol. 2. Chap. 4; C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement); Sir Arnold McNair, *The Law of the Air* (2nd edn.).

FOR REFERENCE: H. Drion, *Limitation of Liabilities in International Air Law*.

Students will be referred during the course to cases reported in the United States and Canadian *Aviation Reports*.

NOTE.—It is strongly recommended that students attending this course should buy for themselves from H.M. Stationery Office copies of the *Carriage by Air Act, 1932*, the 1952 Order (S.I. 1952, No. 158), and the Hague Protocol (Cmd. 9824).

378. Law of Labour and of Social Insurance. Mr. Grunfeld. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Industry and Trade. For Social Science Certificate (Second Year), Trade Union Studies, and Personnel Administration students.

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* (1953); A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; F. R. Batt, *The Law of Master and Servant*; C. D. Rackham, *Factory Law*; 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.); A. L. Goodhart, "The Legality of the General Strike" (in: *Essays in Jurisprudence and the Common Law*); O. Kahn-Freund, "Collective Agreements under War Legislation" (*Modern Law Review*, Vol. 6); "The Illegality of a Trade Union" (*Modern Law Review*, Vol. 7); "Legislation through Adjudication" (*Modern Law Review*, Vol. 11); "Minimum Wage Legislation in Great Britain" (*University of Pennsylvania Law Review*, May, 1949); "The Tangle of the Truck Acts" (*Industrial Law Review*, 1947); D. Lloyd, "Actions Instituted by and against Unincorporated Bodies" (*Modern Law Review*, Vol. 12); "The Disciplinary Powers of Professional Bodies" (*Modern Law Review*, Vol. 13); C. Grunfeld, "Trade Unions and the Individual", Fabian Research Pamphlet No. 193; L. W. Guillebaud, *The Wages Councils System in Great Britain*.

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.); D. Sells, *British Wages Boards*; S. and B. Webb, *History of Trade Unionism*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; N. Citrine, *Trade Union Law*; G. D. H. Cole, *An Introduction to Trade Unionism*; A. L. Haslam, *The Law Relating to Trade Combinations*; D. K. Dix, *The Law Relating to Competitive Trading*; D. Lloyd, *The Law Relating to Unincorporated Associations*; M. T. Rankin, *Arbitration Principles and the Industrial Court*; 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.

379. 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.

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
390. Roman Law¹	LL.B. Intermediate
391. Legal System	LL.B. Intermediate
392. English Constitutional Law	LL.B. Intermediate
393. Law of Contract	LL.B. Intermediate
394. Criminal Law	LL.B. Final
395. Law of Tort	LL.B. Final
396. Law of Trusts	LL.B. Final
397. Jurisprudence	LL.B. Final
398. Land Law	LL.B. Final
399. Law of Evidence	LL.B. Final
400. Administrative Law	LL.B. Final and B.Sc. (Econ.) Part II
401. Public International Law	LL.B. Final and B.Sc. (Econ.) Parts I and II
402. Conflict of Laws	LL.B. Final
403. Succession	LL.B. Final
404. Mercantile Law	LL.B. Final
405. Industrial Law	LL.B. Final
406. Law of Domestic Relations	LL.B. Final
407. Elements of English Law	B.Sc. (Econ.) Part I
408. Elements of Commercial Law	B.Sc. (Econ.) Part II
409. Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II

¹Students must obtain a personal copy of the text of the Institutes of Justinian (edited by Moyle or Sandars) for use in the class.

LECTURE COURSES FOR THE LL.B. DEGREE HELD AT
THE OTHER COLLEGES PARTICIPATING
IN THE TEACHING OF LAW

(a) Intermediate Course

Subject	Lecturer	College	Day or Evening
		K.C.—King's College	D—Day
		U.C.—University College	E—Evening
		S.O.A.S.—School of Oriental and African Studies	
415. Roman Law	A Professor Powell and Mr. Milner	U.C.	D.
	B Mr. Morrison	U.C.	E.
		K.C.	D.
416. English Legal System	Mr. Wellwood	K.C.	E.

(b) Final Course

417. English Law— Tort	Mr. Milner Professor Nokes	U.C.	D.
		K.C.	E.
418. English Law— Trusts	Professor Keeton Mr. Scamell	U.C.	D.
		U.C.	E.
419. Jurisprudence and Legal Theory A	Professor Lloyd Mr. Waters	U.C.	D.
		U.C.	E.
Legal Theory B	Professor Graveson Mr. Chloros	K.C.	D.
420. Hindu Law	Professor Gledhill and Dr. Derrett	S.O.A.S.	D.
421. Muhammadan Law	Professor Anderson	S.O.A.S.	D.
422. Indian Criminal Law	Professor Gledhill	S.O.A.S.	D.
423. Conveyancing	Dr. James Professor Crane	K.C.	D.E.
		K.C.	E.
424. Roman Law	Professor Powell	U.C.	D.E.
425. Law of Evidence	Professor Nokes Mr. Morrison	K.C.	D.
		K.C.	E.
426. Conflict of Laws	Mr. Jones	K.C.	E.

INTERCOLLEGIATE SEMINARS FOR THE LL.M. DEGREE

Subject	Lecturer
430. Jurisprudence and Legal Theory	Professor Lloyd, Professor Graveson.
431. Company Law	Professor Gower.
432. Constitutional Laws of the Commonwealth, I (Canada and Australia) (India and Pakistan)	Professor de Smith, Professor Gledhill.
433. International Economic Law	Dr. Schwarzenberger, Mr. Green.
434. Law of International Institutions	Professor Johnson, Dr. Mann.
435. Legal History	Professor Plucknett.
436. Mercantile Law	Lord Chorley.
437. Comparative Law of Contract in Roman and English Law	Professor Powell, Mr. Morrison.
438. Comparative Conflict of Laws	Professor Graveson, Dr. Mann.
439. Muhammadan Law	Professor Anderson, Mr. Coulson.
440. Hindu Law	Dr. Derrett.
441(a). Law of Landlord and Tenant	Professor Crane.
441(b). Planning Law	Mr. Scamell.
442. Administrative Law and Local Government Law	Professor Griffith.
443. Criminology	Mr. Hall Williams, Dr. James.
444. Air Law	Professor Johnson, Mr. Slynn.
445. International Law of the Sea	Professor Johnson.
446. International Law of War and Neutrality	Colonel Draper.

Subject	Lecturer
447. Law of Taxation	Professor Wheatcroft.
448. Constitutional Laws of the Commonwealth, II	Professor de Smith, Miss Stone, Mr. Holland.
449. African Law	Dr. Allott.
450. Law of Mortgages and Charities	Professor Keeton, Mr. Goodman, Mrs. Waters.
451. Illegality and Restitution	Mr. Diamond.
452. History of International Law	Professor Johnson.
453. Comparative Criminal Law and Procedure	Mr. Hall Williams.
454. Principles of Civil Litigation	Master Jacob.

INTERCOLLEGIATE SEMINAR FOR THE ACADEMIC
POSTGRADUATE DIPLOMA IN LAW

454A. English Legal Method. A seminar in English Legal Method will be held by Mr. Wellwood at King's College in the Michaelmas Term, by Professor Gower and others 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. 156.—Law Relating to Business.

No. 850.—The Causes and Treatment of Crime.

No. 852.—Selected Problems of Criminology and Penology.

No. 853.—The Causes and Treatment of Crime (Seminar).

MODERN LANGUAGES

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MODERN LANGUAGES

NOTE: ALL students wishing to take a language *either* with Part I *or* with Part II must see Professor Rose (for German, Italian, Spanish or Russian) or Mrs. Scott-James (for French) as early as possible in the first week of the session. The attention of students taking a language with Part II is particularly drawn to the fact that the standard of the language is exactly the same whether taken with Part I or with Part II, and that the course therefore involves at least two years of study, but students in this category should consult either Professor Rose or Mrs. Scott-James with a view to deciding whether they should begin to attend language classes in their first year or their second year at the School.

(a) French B.Sc. (Econ.)

455. Pre-Honours.

For students who do not possess the General Certificate of Education at Advanced Level or its equivalent in French. Such students must see Mrs. Scott-James before their choice of French as an Alternative can be confirmed.

456. French I.

For students in their first Honours year who have either chosen French as an Alternative in Part I or intend to take French as one of their subjects in Part II.

(a) Day students.

(1) Syllabus as given on pp. 324-5 under courses on literature and civilisation—French Society, 1815-1914—French I, Courses I (a), (b) and (c). Mrs. Scott-James, Mr. John, Mrs. Orda and Dr. Tint. All students.

(2) **Composition and Translation.** Mr. John, Mrs. Orda and Dr. Tint.

Students will be divided into three groups, according to their standard.

(3) **Discussion class.** Mr. John, Dr. Tint and Mrs. Orda.

Students will be divided into groups according to their standard. Class-work based on detailed study and discussion of texts.

(b) Evening students. Dr. Tint and Mrs. Orda.
Syllabus as for Day students.

457. French II.

For students in their second Honours year who are taking French either as an Alternative in Part I or as one of their subjects in Part II.

(a) Day students.

(1) Syllabus as given below under courses on literature and civilisation—France, 1914 to the present day—French II, Courses II (a) and (b). Mrs. Scott-James, Mr. John and Dr. Tint. All students.

- (2) **Composition and Essay.** Mrs. Scott-James.
All students.
- (3) **Translation: Contemporary writers.** Mr. John and Dr. Tint.
Students will be divided into groups, according to their specialism and standard.
- (4) **Discussion Class.** Mrs. Scott-James, Mr. John and Dr. Tint.
Students will be divided into groups, according to their specialism and needs.
- (b) Evening students.
Syllabus as for Day students. Mrs. Scott-James, Dr. Tint and Mrs. Orda.

458. French III.

For day students in their third Honours year who have already completed French I and French II and are taking French as one of their subjects in Part II, and for evening students in their third Honours year who have already completed French I and French II and are taking French as one of their subjects in Part I. The instruction during this year will be based mainly on the writing of essays in the foreign language and correction individually or in small groups. Composition, translation and discussion classes will be arranged as required.

459. **French Seminar.** Mrs. Scott-James will hold a seminar for third-year students on French texts connected with specialism in Part II, and for third-year students intending to proceed to graduate work in France. Admission will be strictly by permission of Mrs. Scott-James, on individual application by students.

In the second and third years, students will be grouped, so far as is practicable, according to their specialism in Part II.

The following courses on literature and civilisation will be held during the session:—

French I (Course 456 (a) (I)).

- (a) **The Evolution of French Society, 1815-1871: The Literary Evidence.** Mrs. Scott-James. Ten lectures, Michaelmas Term.
- (i) The permanent elements in French social structure and institutions—their features in the 19th century novel; family—association—social classes; the evolution of rural and urban society.
- (ii) Aspects of social changes in the 19th century; the literary evidence.

- (b) **French Literature and Politics, 1815-1871.** Mrs. Scott-James and Mrs. Orda. Ten lectures, Lent Term.
- (i) Trends of opinion under the Restoration, the Second Republic and the Second Empire reflected in literature.
- (ii) Fiction and drama as factors of opinion.
- (c) **Social and Political Themes in French Literature, 1871-1918.** Mr. John and Dr. Tint. Ten lectures, Summer Term.
The making of the Third Republic—literature and opinion, the passing of nineteenth century society.

French II (Course 457 (a) (I)).

- (a) **French Writers and the Problems of the Inter-War Period, 1918-1940** (in French). Mrs. Scott-James. Ten lectures, Michaelmas Term.

Post-war social changes—the new generation—internal and external problems—the enlistment of literature.

- (b) **The French Approach to Selected National and International Problems, 1940-1959.** Mrs. Scott-James and Dr. Tint, Lent Term.

Ten discussion classes, in French, to be arranged in groups according to specialisms.

The following courses held in other Departments of the School will be of interest to students of French:—

- No. 290.—**Political History** (b), (c) and (d).
No. 291.—**Diplomatic Relations of the Great Powers, 1815-1914.**
No. 292.—**International History, 1914-1945.**
No. 509.—**The Psychological Aspects of International Relations.**
No. 549.—**The History of French Political Thought: the Eighteenth Century.**
No. 550.—**European Political Thought, 1800 to 1880.**
No. 552.—**The History of French Political Thought: The Nineteenth and Twentieth Centuries.**
No. 556.—**The History of Continental Socialist Thought.**
No. 557.—**The Political Thought of the French Revolution, 1789 to 1815.**
No. 575 (c).—**The Government of France.**
No. 578.—**The Government and Politics of Modern France.**
No. 623.—**Trade Unionism in France.**
No. 841.—**Comparative Social Institutions.**

Vacation Course in Paris

A vacation course, specially planned for students of the School taking French, is held each year during the Easter Vacation, if warranted by the number applying, in conjunction with the Institut d'Etudes Politiques in Paris. This course lasts ten days. Daily lectures and classes closely connected with the French syllabus of the B.Sc. (Econ.) and that of some special courses held at the School are given in French by various professors and lecturers of the Institut.

Students are recommended to read some of the following works, which provide a background knowledge of French literature and civilisation. They are all available either in the Main Library, the Modern Languages Reading Room or the Shaw Library:—

GENERAL:

D. W. Brogan:	<i>France from Napoleon to Pétain.</i>	(1957)
D. W. Brogan:	<i>The Development of Modern France, 1870-1939.</i>	(1947)
P. Maillaud:	<i>France.</i>	(1947)
F. K. M. Sieburg:	<i>Is God a Frenchman?</i>	(1931)
H. Lüthy:	<i>The State of France.</i>	(1955)
C. Seignobos:	<i>Histoire Sincère de la Nation Française.</i>	(1933)
M. E. Naegelen:	<i>Grandeur et solitude de la France.</i>	(1956)

HISTORICAL AND POLITICAL DEVELOPMENT:

P. Gaxotte:	<i>Histoire des Français (2 vols.).</i>	(1951)
A. Siegfried:	<i>Tableau des Partis en France.</i>	(1930)
A. Thibaudet:	<i>Les Idées Politiques de la France.</i>	(1932)
F. Goguel:	<i>La politique des Partis sous la IIIe République (2 vols.).</i>	(1946)
J. P. Mayer:	<i>Political Thought in France from the Revolution to the Fourth Republic.</i>	(1949)
M. Duverger:	<i>Les Constitutions de la France.</i>	(1949)
A. Dansette:	<i>Histoire Religieuse de la France Contemporaine (3 vols.)</i>	(1948-1957)
A. Siegfried:	<i>De la IIIe à la IVe République.</i>	(1957)
A. Siegfried:	<i>De la IVe à la Ve République</i>	(1959)
M. Leroy:	<i>Histoire des Idées Sociales en France (3 vols.).</i>	(1946-54)
J. Chastenot:	<i>Histoire de la Troisième République (5 vols.).</i>	(1952-59)
P. Renouvin:	<i>Histoire des Relations Internationales (3 vols. V, VI, VII)</i>	(1954-57)
	(1815-1929).	
C. Morazé:	<i>Les Français et la République.</i>	(1956)
J. Wallace - Hadrill and J. McManners (Eds.):	<i>France: Government and Society.</i>	(1958)

LITERATURE AND THOUGHT:

F. Brunot:	<i>La Pensée et la Langue.</i>	(1926)
M. Grévisse:	<i>Le Bon Usage.</i>	(1960)
J. Wahl:	<i>Tableau de la Philosophie Française.</i>	(1946)
R. Lalou:	<i>Histoire de la Littérature Française Contemporaine de 1870 à nos Jours.</i>	(1947)
G. Picon:	<i>Panorama de la Nouvelle Littérature Française.</i>	(1950)
H. Clouard:	<i>Histoire de la Littérature Française du Symbolisme à nos Jours, 1885-1940 (2 vols.).</i>	(1949)
P. H. Simon:	<i>Histoire de la Littérature Française Contemporaine.</i>	(1956)
P. de Boisdeffre:	<i>Une Histoire Vivante de la Littérature d'Aujourd'hui</i>	(1959)
	(1939-1959).	

SOCIAL AND ECONOMIC DEVELOPMENT:

H. Calvet:	<i>La Société Française contemporaine.</i>	(1956)
H. Detton:	<i>L'Administration régionale et locale de la France.</i>	(1953)
H. Solus:	<i>Les Principes du droit civil.</i>	(1950)
C. Morazé:	<i>Les Bourgeois conquérants.</i>	(1957)
H. Séc:	<i>Histoire Économique de la France des Temps Modernes.</i>	(1942)
H. Séc:	<i>Esquisse d'une Histoire Économique et Sociale de la France depuis les Origines jusqu'à la Guerre Mondiale.</i>	(1929)
P. George:	<i>La ville; la campagne.</i>	(1952-53)
L. Chevalier:	<i>Classes laborieuses et classes dangereuses.</i>	(1958)

A. Dauzat:	<i>La Vie Rurale en France.</i>	(1946)
H. Pourrat:	<i>L'Homme à la bêche. Histoire du Paysan.</i>	(1950)
P. Lavedan:	<i>Géographie des Villes.</i>	(1954)
E. Dolléans and G. Dehove:	<i>Histoire du Travail en France (2 vols.).</i>	(1953-55)

GEOGRAPHY:

A. Longnon:	<i>La Formation de l'Unité Française.</i>	(1922)
L. Mirot:	<i>Manuel de Géographie Historique de la France (2 vols.).</i>	(1947)
A. Demangeon:	<i>Géographie Économique et Humaine de la France.</i>	(1946)
P. M. J. Vidal de la Blache and L. Gallois (Eds.):	<i>Géographie Universelle, Vol. VI, La France.</i>	(1946-48)
E. de Martonne:	<i>Geographical Regions of France.</i>	(1933)

B.A. Honours in History

Classes will be arranged if required. Students should consult Mrs. Scott-James.

(b) German

B.Sc. (Econ.)

465. Pre-Honours.

For students who do not possess the General Certificate of Education at Advanced Level or its equivalent in German. Such students must see Professor Rose before their choice of German as an Alternative can be confirmed.

466. German I.

For students in their first Honours year who have either chosen German as an Alternative in Part I or intend to take German as one of their subjects in Part II.

(a) Day students.

- (1) **Composition and Essays.** Miss Schatzky. All students.
- (2) **Reading of texts.** Professor Rose. Students will be divided into groups according to their specialism.
- (3) **Discussion Class.** Miss Schatzky.

(b) Evening students.

Syllabus as for Day students. Professor Rose and Miss Schatzky.

467. German II.

For students in their second Honours year who are taking German either as an Alternative in Part I or as one of their subjects in Part II.

(a) Day students.

- (1) **Composition.** Miss Schatzky. All students.
- (2) **Essays.** Professor Rose. All students.

- (3) **Reading of texts.** Professor Rose. Students will be divided into groups according to their specialism.
- (4) **Discussion Class.** Miss Schatzky.
- (b) Evening students.
Syllabus as for Day students. Professor Rose and Miss Schatzky.

468. German III.

For students in their third Honours year who have already completed German I and German II and are taking German as one of their subjects in Part II. The instruction during this year will be based mainly on the writing of essays in the foreign language and correction individually or in small groups.

In all years, students will be grouped, so far as is practicable, according to their specialism in Part II.

The following courses on literature and civilisation will be held during the session:—

- 469. Social and Political Movements in German Literature, 1806-1848.** Professor Rose. Twelve lectures, Michaelmas and Lent Terms.
- 470. Changes in the German Social Structure as reflected in the Drama since 1780.** Miss Schatzky. Six lectures, Lent Term.

The following courses held in other Departments of the School will be of interest to students of German:—

- No. 217.—**Advanced Regional Geography—Western and Central Europe—I.**
No. 230.—**Advanced Regional Geography—Western and Central Europe—II.**
No. 550.—**European Political Thought, 1800 to 1880.**
No. 556.—**The History of Continental Socialist Thought.**
No. 580.—**The Governments of Western Germany, Belgium and Switzerland.**

Students are recommended to read some of the following works, which provide a background knowledge of German literature and civilisation. They are all available either in the Main Library, the Modern Languages Reading Room or the Shaw Library:—

GENERAL:

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|--------------|---|--------|
| E. Diesel: | <i>Die deutsche Wandlung.</i> | (1929) |
| E. Diesel: | <i>Germany and the Germans.</i> (English Translation of <i>Die deutsche Wandlung.</i>) | (1931) |
| R. Pascal: | <i>The Growth of Modern Germany.</i> | (1946) |
| S. D. Stirk: | <i>The Prussian Spirit.</i> | (1944) |
| J. Dewey: | <i>German Philosophy and Politics.</i> | (1942) |
| G. P. Gooch: | <i>Germany.</i> | (1929) |

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|-------------------|---|----------------|
| E. Vermeil: | <i>Germany's Three Reichs.</i> (English Translation of <i>L'Allemagne: Essai d'explication.</i>) | (1944) |
| J. Bithell (Ed.): | <i>Germany: a Companion to German Studies.</i> | (5th ed. 1959) |

HISTORICAL AND POLITICAL DEVELOPMENT:

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|--------------------|---|--------|
| G. Barraclough: | <i>The Origins of Modern Germany.</i> | (1946) |
| R. T. Clark: | <i>The Fall of the German Republic.</i> | (1935) |
| E. Kohn-Bramstedt: | <i>Aristocracy and the Middle Classes in Germany. Social Types in German Literature, 1830-1900.</i> | (1937) |
| A. Rosenberg: | <i>History of the German Republic.</i> | (1936) |
| A. J. P. Taylor: | <i>The Course of German History.</i> | (1945) |
| R. Aris: | <i>History of German Political Thought, 1789-1815.</i> | (1936) |
| E. Vermeil: | <i>Les doctrinaires de la révolution allemande.</i> | (1938) |
| V. Valentin: | <i>The German People: their History and Civilization from the Holy Roman Empire to the Third Reich.</i> | (1949) |
| H. Kohn (Ed.): | <i>German History. Some New German Views.</i> | (1954) |
| H. S. Reiss (Ed.): | <i>The Political Thought of the German Romantics, 1793-1815.</i> | (1955) |
| E. J. Passant: | <i>A Short History of Germany, 1815-1945.</i> | (1959) |

LITERATURE AND THOUGHT:

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|----------------------------------|--|----------------|
| F. Bertaux: | <i>A Panorama of German Literature, 1880-1930.</i> | (1935) |
| J. Bithell: | <i>Modern German Literature, 1880-1950.</i> | (3rd ed. 1959) |
| G. Waterhouse and H. M. Waidson: | <i>A Short History of German Literature.</i> | (1959) |
| J. E. Spenlé: | <i>La pensée allemande de Luther à Nietzsche.</i> | (1934) |
| G. P. Gooch and others: | <i>The German Mind and Outlook.</i> | (1945) |
| R. Müller-Freienfels: | <i>Psychologie des deutschen Menschen und seiner Kultur.</i> | (1922) |
| R. Pascal: | <i>The German Sturm und Drang.</i> | (1953) |
| H. F. Garten: | <i>Modern German Drama.</i> | (1959) |
| H. M. Waidson: | <i>The Modern German Novel.</i> | (1959) |

SOCIAL AND ECONOMIC DEVELOPMENT:

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|-------------------------|--|----------------|
| W. F. Bruck: | <i>Social and Economic History of Germany from William II to Hitler.</i> | (1938) |
| W. H. Bruford: | <i>Germany in the Eighteenth Century.</i> | (1935) |
| J. H. Clapham: | <i>The Economic Development of France and Germany, 1815-1914.</i> | (4th ed. 1936) |
| H. J. Morgenthau (Ed.): | <i>Germany and the Future of Europe.</i> | (1951) |
| R. Aron: | <i>German Sociology.</i> | (1957) |

B.A. Honours in History

Classes will be arranged if required. Students should consult Professor Rose.

(c) Italian

Students who wish to take Italian under the B.Sc. (Econ.) regulations should consult Professor Rose.

(d) Spanish

Students who wish to take Spanish under the B.Sc. (Econ.) regulations should consult Professor Rose.

(e) Russian

Students who wish to take Russian under the B.Sc. (Econ.) regulations should consult Professor Rose.

(f) 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. A. 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 478 and to study the books recommended for reading.

For students not taking a language as an examination subject

Classes can be arranged for students who wish to study FRENCH, GERMAN, ITALIAN or SPANISH either at an elementary or a more advanced stage. Students who wish to take advantage of these facilities should consult Professor Rose *as early as possible* in the session.

Students who contemplate sitting for Civil Service examinations and propose to offer French Language, French Civilisation, German Language or German Civilisation are advised to consult Mrs. Scott-James or Professor Rose.

Modern Languages Reading Room and Mechanical Equipment

Language students are provided with a Modern Languages reading room, containing a library of French, German, Italian and Spanish books and a number of current periodicals of these countries. They also have free access to a gramophone with a selection of language records; a voice recorder is provided for use in connection with oral classes or at other times under supervision of a teacher; and a wireless receiver, for the purpose of hearing broadcasts from foreign stations, is available for oral classes and listening groups.

PHILOSOPHY, LOGIC, AND SCIENTIFIC
METHOD

**PHILOSOPHY, LOGIC, AND SCIENTIFIC
METHOD**

485. Introduction to Logic. Professor Popper, Dr. Wisdom and Dr. Lakatos. Twenty-four lectures and classes.

For B.Sc. (Econ.) Part I—Alternative subject; and for Part II—Special subjects of Economic History (Modern), Option (v) (g), and of Social Anthropology, Option (v) (e) (to be followed by Course 486); also for B.A. Honours in Philosophy and Economics (First and Second Year students).

Syllabus.—Historical introduction to modern logic. The problem of valid inference as the fundamental problem of elementary logic. General theory of valid inference. Statement composition. The logic of predicates. Deductive systems.

Recommended reading.—A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; W. A. Sinclair, *The Traditional Formal Logic*; C. A. Mace, *Principles of Logic*; M. R. Cohen and E. Nagel, *Introduction to Logic and Scientific Method*; A. Wolf, *Textbook of Logic*.

486. Introduction to Scientific Method. Professor Popper, Dr. Wisdom and Dr. Lakatos. Twenty-four lectures and classes.

For B.Sc. (Econ.) Part I—Alternative subject; and Part II—Special subjects of Economic History (Modern), Option (v) (g) and of Social Anthropology, Option (v) (e); for students who have taken Course 485; also for B.A. Honours in Philosophy and Economics (First and Second Year students). Recommended for graduate students.

Syllabus.—The aims of science—explanation and application. The evolution of standards of explanation. Illustrations from the history of science. Logical analysis of explanation. Explanation and deduction. Independent tests of the explanation. Logical analysis of tests, prediction, application. Historical and theoretical explanations. Criteria of scientific progress. Hypothetico-deductive systems. Degrees of testability. Rôle of measurement.

Recommended reading.—M. R. Cohen, *Reason and Nature*; M. R. Cohen and E. Nagel, *Introduction to Logic and Scientific Method*; F. Kaufmann, *Methodology of the Social Sciences*; L. C. Robbins, *An Essay on the Nature and Significance of Economic Science* (2nd edn.); T. W. Hutchison, *The Significance and Basic Postulates of Economic Theory*; P. W. Bridgman, *The Logic of Modern Physics*; K. J. W. Craik, *The Nature of Explanation*; N. R. Campbell, *What is Science?*; A. Einstein and L. Infeld, *The Evolution of Physics*; A. Koyré, *From the Closed World to the Infinite Universe*; J. O. Wisdom, *Foundations of Inference in Natural Science*; S. and B. Webb, *Methods of Social Study*; 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. Walshe, *Introduction to the Philosophy of History*; M. Mandelbaum, *The Problem of Historical Knowledge*; F. A. Hayek, "Scientism and the Study of Society" (*Economica*, N.S., Vol. IX, seq.); K. R. Popper, *The Poverty of Historicism*; K. R. Popper, *The Open Society and Its Enemies* (3rd edn., revised, 1957, Chaps. 4, 11, 14, 23); K. R. Popper, *The Logic of Scientific Discovery*, 1959; and *Postscript: After Twenty Years*, 1959.

487. Scientific Method Revision Class. Professor Popper will hold a revision class in the Summer Term for students attending course No. 486, Introduction to Scientific Method.

488. Problems of Epistemology. Dr. Wisdom. Fifty lectures and classes in two sessions.

For B.A. Honours in Philosophy and Economics (First and Second Years). Recommended for graduate students.

Syllabus.—How epistemological problems arise. Methods of treating them. Types of solution. Historical and contemporary illustrations.

Recommended reading.—References will be given during the course.

489. Problems of Recent and Contemporary Philosophy. Professor Popper and Dr. Wisdom. Fifty lectures and classes in two sessions.

For B.A. Honours Philosophy and Economics students (Second and Third Years). Recommended for graduate students.

Syllabus.—The main problems of Continental and English philosophy from Schopenhauer and John Stuart Mill to the present.

Post Hegelian Idealism. Pragmatism. Realism. Essentialism and Existentialism. The problem of mathematical knowledge. Logical Positivism, Phenomenalism, and Physicalism. Linguistic Analysis.

Recommended reading.—C. S. Peirce, *Chance, Love, and Logic*; W. B. Gallie, *Peirce and Pragmatism* (Penguin); Bertrand Russell, *The Problems of Philosophy*; *Sceptical Essays*; *Mysticism and Logic* (Penguin); *The Philosophy of Bertrand Russell* (Ed. P. A. Schilpp); G. E. Moore, *Philosophical Studies*; A. N. Whitehead, *Science and the Modern World*; *Adventures of Ideas*; L. Wittgenstein, *Tractatus Logico-Philosophicus*; *Philosophical Investigations*; G. Ryle, *The Concept of Mind*; W. V. Quine, *From a Logical Point of View*; A. J. Ayer, *Language, Truth and Logic*; R. B. Braithwaite, *Scientific Explanation*; K. R. Popper, *The Logic of Scientific Discovery*; J.-P. Sartre, *Existentialism and Humanism*; *Contemporary British Philosophy*, Vols. i and ii (Ed. by J. H. Muirhead) and Vol. iii (Ed. by H. D. Lewis); *British Philosophy in the Mid-Century* (Ed. A. C. Mace); J. A. Passmore, *A Hundred Years of Philosophy*.

Further references for reading will be given during the course.

490. Modern Philosophy from Bacon to Kant. Mr. Watkins. Sixty lectures in two sessions.

I. First Year. For B.A. Honours in Philosophy and Economics (First Year). Open to other students.

II. Second Year. For B.A. Honours in Philosophy and Economics (Second Year). Open to other students.

Syllabus.—The main problems, theories and arguments of Bacon, Hobbes, 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 connection 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); 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); 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*; 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*.

491. Moral and Political Philosophy. Mr. Watkins. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Philosophy and Economics (Third Year) and B.Sc. (Econ.) Part II—Special subject of Government (iv).

Syllabus.—The fundamental dilemma in moral philosophy: an objective but heteronomous morality *versus* an autonomous but subjective morality.

Naturalism as one attempt to establish objective criteria. Hume's denial that ethics can be derived from facts or from reason. Moore's exposure of the naturalistic fallacy. The collapse of intuitionism into emotivism.

Kant's solution.

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. Human freedom and human bondage.

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 books are recommended: H. Sidgwick, *Outlines of the History of Ethics*; G. E. Moore, *Principia Ethica*; H. Rashdall, *The Theory of Good and Evil*; Leonard Nelson, *System of Ethics*; K. R. Popper, *The Open Society and its enemies*; A. N. Prior, *Logic and the Basis of Ethics*; R. M. Hare, *The Language of Morals*.

492. Philosophy of the Social Sciences. Professor Popper and Dr. Wisdom. Thirty lectures and classes, beginning in the Summer Term and continuing in the Michaelmas and Lent Terms of the following session.

For B.A. Honours in Philosophy and Economics (Second and Third Years). Recommended for graduate students.

Syllabus.—The Nature of Explanation. The various views of explanation in the physical and biological sciences, in history, and in the social sciences. Theories, hypotheses and models. Generalisations and different kinds of explanatory statement. The testing of

hypotheses and the problem of interpreting facts. Function of Concepts. Various views of concepts and hypotheses in the social sciences considered, e.g., as analytic, descriptive or instrumental (operational). The relation of economic language of everyday life to the specialised language of economic theory. Comparisons of the Social and Natural Sciences. The relation of the methods of the social sciences, in particular economics, to those of the natural sciences. The use and abuse in the social sciences of the methods of the natural sciences (e.g. measurement). The relation of economics to psychology, political studies and sociology. Nature and Scope of Economics. The nature of economic laws. The relation between economic theory and applied economics. Economics interpreted as an instrument of social action or as a body of scientific knowledge. Economics and Social Values. The relation between economic science and economic policy; means and ends and the place of value judgments in economics; the validity and presuppositions of welfare economics.

Recommended reading.—References for reading will be given during the course.

493. Philosophical Problems (Seminar). Mr. Watkins and Dr. Lakatos will hold a seminar for B.A. Honours in Philosophy and Economics (Second and Third year) students during the Michaelmas and Lent Terms. Other students may attend by permission of Mr. Watkins or Dr. Lakatos.

FOR GRADUATE STUDENTS

494. Philosophy and Scientific Method (Seminar). Professor Popper, Dr. Wisdom and Mr. Watkins will hold a seminar for graduate students weekly throughout the session. Admission will be strictly by permission of Professor Popper.

Reference should also be made to the following courses:—

- No. 9.—**Elements of Economics.**
- No. 40.—**The Structure of Modern Industry.**
- No. 41.—**Labour.**
- No. 42.—**The System of Public Finance.**
- No. 260.—**Economic History.**
- No. 540.—**The History of Political Thought.**

POLITICAL STUDIES

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INTERNATIONAL RELATIONS

500. International Relations as the Study of World Politics. Professor Manning. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations; the Certificate in International Studies; and for graduate students.

Syllabus.—The teaching provided for, as International Relations, in one institution and another, is not universally interchangeable. Quite often it may with justice be described as in essence merely an amplification of something more familiar—as, for instance, history. By contrast, the subject here in question is not a development of any other: it has an identity of its own, beholden though it may be to many obvious “underpinners”, and most importantly to international economics, international history and international law (see p. 301). What gives it its distinctive individuality is the orientation of its concern: for its focus is not upon the phenomenon of government as such, but upon the quality of coexistence in a milieu where it is just the very absence, even in barren principle, of government that persists as the fundamental datum. Established to serve this single interest, the subject is a unity in itself—though liable, in teaching practice, to proliferate into a pattern of sub-disciplines, corresponding to such at least of the more pregnantly pervasive of its elements as the psychological, the economic and the strategic, each best susceptible of effective exposition by the way of a semi-specialised approach.

Recommended reading.—H. J. Morgenthau, *Politics among Nations*; F. P. Chambers and others, *This Age of Conflict*; R. J. M. Wight, *Power Politics*; R. MacIver, *The Web of Government*; J. V. Langmead Casserley, *The Bent World*; J. L. Brierly, *The Outlook for International Law*; R. Niebuhr, *Moral Man and Immoral Society*; H. J. Morgenthau, *Scientific Man versus Power Politics*; H. J. Morgenthau, *Dilemmas of Politics*; R. Niebuhr, *The Irony of American History*; C. A. Macartney, *National States and National Minorities*; E. H. Carr, *The Twenty Years' Crisis*; L. Schwarzschild, *World in Trance*; E. H. Carr, *The Soviet Impact on The Western World*; G. F. Kennan, *American Diplomacy, 1900–1950*; K. M. Panikkar, *Asia and Western Dominance*; B. J. Marais, *Colour: Unsolved Problem of the West*; R. Bassett, *Democracy and Foreign Policy*; I. L. Claude, *Swords into Plowshares*; G. Schwarzenberger, *Power Politics*; K. E. Boulding, *The Image*; P. Winch, *The Idea of a Social Science*; J. V. Langmead Casserley, *Morals and Man in the Social Sciences*; G. L. Goodwin (Ed.), *The University Teaching of International Relations*; Q. Wright, *The Study of International Relations*; U.N.E.S.C.O., *The University Teaching of Social Sciences: International Relations*; T. Mathison, *Methodology in the Study of International Relations*; R. W. Sterling, *Ethics in a World of Power*; J. H. Herz, *International Politics in the Atomic Age*; K. Waltz, *Man, the State, and War*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; R. Hyvärinen, *Monistic and Pluralistic Interpretations in the Study of International Politics*; H. Seton-Watson, *Neither War nor Peace*.

501. Elements of International Relations (Introductory Class). Professor Manning and others. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part I—for those proposing to take Alternative subject, The Structure of International Society; and for others by permission of Professor Manning.

502. Elements of International Relations. Dr. Northedge (day). **Series A.** Twenty lectures, Lent and Summer Terms. **Series B.** Ten lectures, Michaelmas Term.

Mr. James (evening). Thirty lectures, Sessional.

Series C (Professor Manning), comprising ten lectures, may also be given in the Lent Term for those students who have already completed Series A and B. Though not in any sense compulsory, they are provided for any prospective Part II specialists in International Relations who may wish to avail themselves at that stage of the opportunity of making a beginning with their reading for their Special subject.

For B.Sc. (Econ.) Part I—for those taking Alternative subject, The Structure of International Society.

Syllabus.—The purpose here is to support so far as may be the enterprise of any who, as beginners in the field, are disposed to re-examine their pre-conceptions on the make-up and lay-out of that social cosmos save in the perspective of which so few of the major problems of mankind can in these days be constructively considered—an enterprise no less evidently well-inspired for such as are presently to specialise in International Relations as, possibly, for some who are not.

References for a moderate amount of reading will be furnished as occasion requires throughout the course.

503. Elements of International Relations. Mr. Tunstall and others.

Class A. Twenty classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part I (First Year)—for those taking Alternative subject, the Structure of International Society; and for others by permission of Professor Manning.

Class B. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (Second Year)—for those taking Alternative subject, The Structure of International Society; and for others by permission of Professor Manning.

Evening classes, Sessional. Mr. James.

For B.Sc. (Econ.) Part I evening students—for those taking Alternative subject, The Structure of International Society; and for others by permission of Professor Manning.

504. International Theory. Lecturer to be announced. Twenty-six lectures (beginning in the sixth week of the Summer Term).

For B.Sc. (Econ.) Part II—Special subject of International Relations; and for graduate students.

Syllabus.—A comparative analysis of the principal traditions of political theory relating to foreign policy and the relations between states.

Recommended reading.—Dante, *De Monarchia*; Machiavelli, *The Prince and Discourses*; John Eppstein, *The Catholic Tradition of the Law of Nations*; Grotius, *De Jure Belli ac Pacis*, prolegomena; J. J. Rousseau, *A Project of Perpetual Peace*; E. Burke, *Thoughts on French Affairs*; *Letters on a Regicide Peace*, Nos. 1 and 2; I. Kant, *Perpetual Peace*; H. Heine, *Religion and Philosophy in Germany*; R. Cobden, *The Political Writings of Richard Cobden*, Vol. I, pp. 253–83; I. V. Stalin, *Short History of the CPSU (B)*, Chap. 6, section 3; G. A. Nasser, *Egypt's Liberation: the Philosophy of the Revolution*; F. Meinecke, *Machiavellism*; C. J. Friedrich, *Inevitable Peace*; W. Schiffer, *The Legal Community of Mankind*; L. Strauss, *Natural Right and History*.

505. The Machinery of Diplomacy. Mr. Tunstall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations; and Certificate in International Studies.

Syllabus.—The origin and growth of the machinery 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*; 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*.

506. International Institutions. Mr. Goodwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of International Relations; International History, Option (iv) (a); and Certificate in International Studies.

Syllabus.—Observations on the growth, activities, and limitations of international institutions, whether quasi-universal (the League of Nations, the United Nations and the "specialised agencies") or regional (N.A.T.O., O.E.E.C., and E.C.S.C.) in scope; and an assessment of their impact on the conduct and content of the foreign policies of their leading members.

Recommended reading.—I. L. Claude, *Swords into Plowshares*; L. S. Woolf, *International Government*; F. P. Walters, *A History of the League of Nations*; A. E. Zimmern, *The League of Nations and the Rule of Law, 1918–1935* (2nd edn., 1939); *International Sanctions* (Royal Institute of International Affairs, 1938); 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*; H. L. Ismay, *NATO, the first five years*; B. Moore, *NATO and the Future of Europe*; P.E.P., *European Organisations*; E. B. Haas, *The Uniting of Europe*; J. F. Deniau, *The Common Market*; F. Borkenau, *The Third International*.

507. The Politics of International Economic Relations. Mr. Goodwin. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations; 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. U. Nef, *War and Human Progress*; K. Polanyi, *Origins of our Time*; H. W. Arndt, *The Economic Lessons of the Nineteen-Thirties*; *Survey of International Affairs*, 1938, Vol. I, Part I (Royal Institute of International Affairs); *Survey of International Affairs: World in March*, 1939, Part II (Royal Institute of International Affairs); B. H. Klein, *Germany's Economic Preparations for War*; K. E. Knorr, *The War Potential of Nations*; W. A. Lewis, *The Theory of Economic Growth*; A. Bergson (Ed.), *Soviet Economic Growth*; J. S. Berlines, *Soviet Economic Aid*; B. Shwadran, *The Middle East, Oil and the Great Powers*.

508. The Philosophical Aspects of International Relations. Professor Manning. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (d)—The Philosophical and Psychological Aspects of International Affairs; the Certificate in International Studies; and for graduate students.

Syllabus.—Inquiry as to the presuppositions of some important approaches to international issues; with some assessment of the contributions to insight in these and similar matters which are derivable from the writings of selected thinkers on philosophical subjects in modern, as in earlier, times.

Recommended reading.—Possibilities for reading will be suggested in the course of the lectures.

509. The Psychological Aspects of International Relations. Dr. Northedge. **Series A.** Eight lectures, Michaelmas and Lent Terms (starting in the seventh week of the Michaelmas Term). **Series B.** Four lectures, Lent Term.

Series A: for B.Sc. (Econ.) Part II—Special subject of International Relations; and Certificate in International Studies. Series B: for B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (d)—The Philosophical and Psychological Aspects of International Affairs.

Syllabus.—An appreciation of certain enduring features in the psychological background to international politics, with due attention to the contribution to their understanding afforded by recent psychological inquiry. Particularity will be given to such themes as non-rational foundations of political behaviour; the emotional functions of modern nationalism and their consequences for the mutual attitudes of states; communal traditions, sentiment and prejudice as exhibited in diplomatic exchanges; the *mystique* of national vocation and changing forms of collective pride; ideological influences in policy-making, morale and propaganda; tensions in international life and the quest for security; the psychology of institutional co-operation.

Recommended reading.—R. Crawshay-Williams, *The Comforts of Unreason*; H. D. Lasswell, *World Politics and Personal Insecurity*; Barrington Moore, *Soviet Politics: the dilemma of power*; M. F. Ashley-Montagu, *Man's Most Dangerous Myth: the fallacy of race*; B. C. Shafer, *Nationalism: myth and reality*; R. Benedict, *The Chrysanthemum and the Sword*; Lindley M. Fraser, *Propaganda*; W. Röpke, *The German Question*; J. Bardoux, *Angleterre et France: leurs politiques étrangères*; P. M. A. Linebarger, *Psychological Warfare*; B. Schaffner, *Fatherland: a study of authoritarianism in the German family*; E. Fromm, *The Fear of Freedom*; N. Berdyaev, *The Russian Idea*; R. Niebuhr, *The Irony of American History*.

510. International Relations (Class). Sessional. Mr. Goodwin.

For B.Sc. (Econ.) Part II—Special subject of International Relations only.

On the basis of individual papers presented for discussion in the round-table manner, a relatively intensive analysis will be undertaken of certain selected international problems, the methods and procedures by which their treatment has been tried, and the results so obtained; and some attempt will be made to identify the main lessons which this experience may be judged to have provided.

511. The Genesis of British Foreign Policy. Dr. Northedge. Six lectures, Summer Term.

For students interested in this subject.

Syllabus.—The course will survey the more important influences affecting the conduct of British foreign relations. These include the characteristic principles of British diplomacy, the policy-making process and its evolution, the pattern of British interests, and the rôle of such associations as the Commonwealth. Historical material will be called upon, but chiefly to illustrate the main theme, which is primarily analytical.

Recommended reading.—Books and documentary papers will be suggested as the course proceeds.

512. Foreign Policy in the Commonwealth Countries. Mr. Bull. Ten lectures, Lent Term.

For students interested in this subject.

Syllabus.—The foreign policy perspectives of the member states of the Commonwealth, and of groups within them. The evolution and present tendency of foreign policies, and the factors on which they are based. The Commonwealth as an entity in world affairs, a factor in the policies of its members, and an idea in the modern discussion of international relations.

Recommended reading.—R. N. Berkes and M. S. Bedi, *The Diplomacy of India* (1958); G. M. Carter, *The British Commonwealth and International Security* (1947); W. K. Hancock, *Survey of British Commonwealth Affairs*, Vol. I (1937); P. N. S. Mansergh, *Survey of British Commonwealth Affairs: Problems of External Policy, 1931–1939* (1952); *Problems of Wartime Co-operation and Postwar Change, 1939–1952* (1958); J. D. B. Miller, *The Commonwealth in the World* (1958); B. Prasad, *The Foundations of India's Foreign Policy* (1955); J. R. Seeley, *The Expansion of England* (1883); G. Smith, *The Empire* (1863); A. P. Thornton, *The Imperial Idea and its Enemies* (1959); K. Callard, *Pakistan, A Political Study* (1957).

513. Military Power and International Security. Mr. Bull. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (c) The Problem of International Peace and Security, Option (iv) (e) The Geographical and Strategic Aspects of International Affairs; and Certificate in International Studies.

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.—E. V. Gulick, *Europe's Classical Balance of Power*; C. Dupuis, *Le Principe d'Equilibre et le Concert Européen*; J. F. C. Fuller, *Armaments and History*; A. Wolfers (Ed.), *Alliance Policy in the Cold War*; K. Knorr (Ed.), *NATO and American Security*; R. Cobden, *The Three Panics*; P. J. Noel-Baker, *The Arms Race*; S. de Madariaga, *Disarmament*; Q. Wright, *A Study of War*.

514. Current Issues in International Affairs (Class). Sessional. Mr. Tunstall. Admission by permission of Mr. Tunstall.

For B.Sc. (Econ.) Part II—Special subject of International Relations.

515. Geographical and Strategic Factors in International Politics. Mr. Tunstall. **Series A.** Twelve lectures, Michaelmas and Lent Terms. **Series B.** Eight lectures, Lent Term.

Series A: for B.Sc. (Econ.) Part II—Special subject of International Relations; and Certificate in International Studies. Series B: for B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (c)—The Geographical and Strategic Aspects.

Syllabus.—The geographical relationships of the land masses and oceans, and their political significance; political implications of shape, size, position, climate, population, and economic resources of states and territories; frontier problems. Sea, air, and land as means of communication, travel, and transport; impact of the latest developments in flight on international relations generally. Use of political geography in influencing public opinion for political and strategic ends.

Strategic factors as an underlying influence in international relations, often when not easily discernible. National policy and military means. Interdependence of sea, air, land,

and economic strategy; merchant shipping; civil aviation; strategic bases. Problems of unified forces and unified commands. War as an aspect of international relations; "limited" wars; nuclear war and nuclear weapons.

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*; Royal Institute of International Affairs, *Atlantic Alliance*; C. v. Clausewitz, *On War* (translated by J. J. Graham).

Further reading will be suggested during the course.

516. Domestic Aspects of International Relations. Mr. Chambers. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations; and Certificate in International Studies. International Relations, Option (iv) (f)—The Interplay of Politics at the Domestic and International Levels.

Syllabus.—Contemporary international relations, with special reference to the domestic background, in the principal countries of the world. "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*; P. W. Buck and M. B. Travis, *Control of Foreign Relations in Modern Nations*; F. P. Chambers and others, *This Age of Conflict*; F. Le G. Clark, *Feeding the Human Family*; A. Cobban, *National Self-Determination*; E. Crankshaw, *Russia and the Russians*; L. D. Epstein, *Britain: Uneasy Ally*; S. E. Finer, *Anonymous Empire*; 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*; S. de Madariaga, *Spain*; P. N. S. Mansergh, *The Commonwealth and the Nations*; R. B. McCallum, *Public Opinion and the Last Peace*; H. Nicolson, *Peace-making, 1919*; R. E. Osgood, *Ideals and Self-Interest in America's Foreign Relations*; Royal Institute of International Affairs, *Britain in Western Europe*; *Nationalism*; D. M. Pickles, *French Politics*; 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*; *France, 1940-1955*; H. B. Westerfield, *Foreign Policy and Party Politics*; P. Williams, *Politics in Post-War France*; E. Wiskemann, *Czechs and Germans*; *Italy*.

517. The Sociology of International Law. Mr. James. Six lectures, Michaelmas Term (beginning in the third week of that term).

For B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (g)—Sociology of International Law; and other students interested in the subject.

Syllabus.—The nature of international law and the factors affecting its development. The place of international law in the international society. International society as a context for a mature legal system. The rôle of international courts. The possible contribution of international law towards the growth of a better ordered world.

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*; M. O. Hudson, *International Tribunals*; H. Lauterpacht, *The Development of International Law by the International Court*; *The Function of Law in the International Community*; R. M. MacIver, *The Web of Government*; A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); J. Stone, *Aggression and World Order*; *Legal Controls of International Conflict*; C. de Visscher, *Theory and Reality in Public International Law*.

518. The Problem of International Peace and Security (Class).

Mr. James will arrange a series of ten classes in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (c).

519. The Philosophical Aspects of International Relations (Class). A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (d).

520. The Psychological Aspects of International Relations (Class). A series of four classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (d).

521. The Politics of International Economic Relations (Class). A series of five or more classes will be arranged by Mr. Goodwin in the Lent Term for students taking the Certificate in International Studies; which will also be open to students taking the B.Sc. (Econ.) Part II—Special subjects of International Relations and International Economics, and to Foreign Service Trainees.

522. The Geographical and Strategic Aspects of International Affairs. A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (e).

523. The Interplay of Politics at the Domestic and International Levels. A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (f).

524. The Sociology of International Law. A series of five or more classes will be arranged by Mr. James in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (g).

Note: The attention of students taking this optional subject is drawn to the following lecture course given at the Institute of Advanced Legal Studies:

History and Sociology of International Law. Mr. Parkinson. Twenty lectures, Michaelmas and Lent Terms.

525. International Institutions (Class). A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II—Special subjects of International Relations; and International History, Option (iv) (a).

526. **The Economic Factor in International Relations (Class).** A class will be held weekly in the Michaelmas and Lent Terms by Professor Devons and Mr. Goodwin for students taking the Certificate in International Studies and for Foreign Service Trainees.

FOR GRADUATE STUDENTS

527. **International Studies (Seminar).** A seminar limited to students taking the Certificate in International Studies will be held throughout the session by Dr. Northedge.
528. **Graduate Seminar.** A graduate seminar will be held throughout the session. Admission by permission of Professor Manning.
529. **Special Graduate Seminar.** For the holders of Montague Burton Studentships in International Relations, and for Foreign Service Cadets, seminars of a suitable kind will be provided as required.
530. **Modern Weapons and International Relations (Seminar).** A seminar for graduate students will be held fortnightly during the Michaelmas and Lent Terms by Mr. Tunstall and Mr. Bull. Other students will be admitted by permission of Mr. Tunstall or Mr. Bull.
531. **The Politics of International Institutions.** Mr. Goodwin will hold a seminar, fortnightly, throughout the session, for graduate students. Admission will be by permission of Mr. Goodwin.
532. **Seminar for Foreign Service Trainees.** A seminar limited to Foreign Service Trainees will be held throughout the session by Mr. Goodwin.

Reference should also be made to the following section and courses:—

International History.

- No. 76.—Theory of Monetary Policy.
 No. 100.—International Trade.
 No. 101.—Applied International Economics.
 No. 369.—Public International Law.
 No. 936.—International Balance of Payments.

POLITICS AND PUBLIC ADMINISTRATION

I. POLITICAL THEORY AND THE HISTORY OF POLITICAL THOUGHT

540. **The History of Political Thought.** Professor Oakeshott and Mr. Greaves. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part I (First Year). B.A. Honours in Philosophy and Economics (First Year). For Social Science Certificate (First Year).

Recommended reading.—In addition to some of the more important documents in the history of political thought listed in the University syllabus for this subject, the following books are recommended: C. H. McIlwain, *Growth of Political Thought in the West*; M. B. Foster, *Masters of Political Thought*, Vol. I, *Plato to Machiavelli*; H. D. F. Kitto, *The Greeks* (Pelican); F. Schulz, *Principles of Roman Law*; E. Troeltsch, *Social Teaching of the Christian Churches*; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; J. W. Allen, *A History of Political Thought in the Sixteenth Century*; C. Becker, *The Heavenly City of the Eighteenth Century Philosophers*; D. G. Ritchie, *Natural Rights*; J. Bury, *The Idea of Progress*; J. Plamenatz, *The English Utilitarians*; A. Gray, *The Socialist Tradition*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*.

541. **Political and Social Theory.** Mr. Greaves and Mr. Cranston. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Government; optional for Special subject of International Relations; B.A. Honours in History (First Year); for Personnel Administration students and optional for Diploma in Public Administration.

Syllabus.—The place of the individual citizen in the modern community. The basis of political and social obligation. The criteria of values. The theory of rights. Philosophies of freedom and constitutional government. Criticism of constitutional government, and of democracy and freedom. Limitations upon individual right and governmental right. Nations and nationalism. Political power and ethical obligation. Political power and economic organisation. The ethical and related problems arising from the contact of advanced and primitive societies. The concepts of civilisation and progress. The sociological approach to political and social philosophy. Philosophic analysis of the structure of a modern community. Significance of history in political and social philosophy.

Recommended reading.—E. F. Carr, *Morals and Politics*; H. J. Laski, *A Grammar of Politics*; L. T. Hobhouse, *Elements of Social Justice*; F. A. Hayek, *The Road to Serfdom*; R. C. Ewing, *The Individual, the State and World Government*; J. D. Mabbott, *The State and the Citizen*; E. Barker, *Principles of Social and Political Theory*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; K. R. Popper, *The Open Society and its Enemies*; T. H. Green, *Lectures on the Principles of Political Obligation*; M. Cranston, *Freedom*; H. B. Acton, *The Illusion of the Epoch*; G. C. Field, *Political Theory*; P. Laslett, *Philosophy, Politics and Society*; H. R. G. Greaves, *The Foundations of Political Theory*.

Note.—Students taking Political and Social Theory in the B.Sc. (Econ.) Part II are advised to attend also Course No. 491.

542. **Political and Social Theory (Discussion Class).** Mr. Greaves and Mr. Cranston. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Government.

543. The Principles of Federalism. Mr. Greaves. Eight lectures, Lent Term. (To be given in the session 1961-62.)

For B.Sc. (Econ.) Part II—Special subject of Government; and for graduate students.

Syllabus.—An historical and comparative study: the idea of federalism in the history of political thought; the theory of federalism, its relation to authority and liberty, to plural and international society; the genesis and structure of the federal state; conditions of its emergence and development, with special reference to the U.S.A., Switzerland, Canada and Austria.

Recommended reading.—K. C. Wheare, *Federal Government*; H. J. Laski, *A Grammar of Politics* (Chap. VII, "Authority as Federal"); S. Mogi, *The Problem of Federalism*; P. J. Proudhon, *Du Principe Fédératif*; H. R. G. Greaves, *Federal Union in Practice*; W. E. Rappard, *The Government of Switzerland*; C. A. Beard, *American Government and Politics*; E. A. Freeman, *History of Federal Government in Greece and Italy*; A. P. Newton (Ed.), *Federal and Unified Constitutions*; W. P. McC. Kennedy, *The Nature of Canadian Federalism*; M. S. Channing-Pearce (Ed.), *Federal Union*; W. E. Rappard, *The Geneva Experiment*.

544. Political Thought of the Ancient World. Dr. Sharp. Twenty lecture-classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

TEXTS: Plato, *The Republic* (trans. F. M. Cornford); *Laws* (trans. A. E. Taylor); Aristotle, *Politics* (trans. B. Jowett); Thucydides, *History of the Peloponnesian War*, Bk. I, and the *Speeches* (World's Classics edn.); Cicero, *Republic and Laws* (trans. C. W. Keyes); St. Augustine, *City of God*, Books I-V and XIX (Everyman edn.).

GENERAL: Aristotle, *Nicomachean Ethics*; Lactantius, *Divine Institutes*, Bk. V; G. Glotz, *The Greek City*; W. W. Tarn, *Hellenistic Civilization* (2nd edn.); L. Homo, *Roman Political Institutions*; C. J. Cadoux, *The Early Church and the World*; C. N. Cochrane, *Christianity and Classical Culture*; E. Barker, *From Alexander to Constantine*; A. J. Carlyle, *A History of Mediaeval Political Theory in the West*, Vol. I; S. Dill, *Roman Society in the Last Century of the Western Empire*; M. Bowra, *The Greek Experience*.

545. Political Thought of the Mediaeval World. Dr. Sharp. Twenty lecture-classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Government (i) and Economic History (Mediaeval).

TEXTS: 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: Marsilius of Padua, *Defensor Pacis* (trans. A. Gewirth); Sir John Fortescue, *Governance of England* (Ed., Plummer); C. N. S. Woolf, *Bartolus of Sassoferrato*; H. Bettenson, *Documents of the Christian Church* (2nd edn.); R. W. and A. J. Carlyle, *History of Medieval Theory in the West*; A. P. d'Entrèves, *Medieval Contribution to Political Thought*; O. F. von Gierke, *Political Theories of the Middle Age*; G. de Lagarde, *La Naissance de l'Esprit laïque*, Vols. I and II (2nd edn.); E. Troeltsch, *Social Teaching of the Christian Churches*, Vol. I; W. Ullmann, *Growth of Papal Government in the Middle Ages*; E. Lewis, *Mediaeval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity*.

546. The History of Political Thought: The Sixteenth Century. Professor Oakeshott. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

TEXTS: Machiavelli, *The Prince* and the *Discourses on Livy*; Calvin, *Institutes*, Book IV; Anon., *Defence of Liberty against Tyrants*; Hooker, *Laws of Ecclesiastical Polity*, Preface and Books I and VIII; James I, *The True Law of Free Monarchies*.

GENERAL: C. Beard, *The Reformation*; J. N. Figgis, *Studies of Political thought from Gerson to Grotius*; *The Divine Right of Kings*; E. Troeltsch, *Social Teaching of the Christian Churches*; W. Haller, *The Rise of Puritanism*; J. W. Allen, *History of Political Thought in the Sixteenth Century*; G. Mattingly, *Renaissance Diplomacy*; R. H. Tawney, *Religion and the Rise of Capitalism*; M. M. Knappen, *Tudor Puritanism*; L. D. Einstein, *The Italian Renaissance in England*; P. Mésnard, *L'essor de la philosophie politique au 16e siècle*; C. Morris, *Political Thought in England: Tyndale to Hooker*.

547. The History of Political Thought: The Seventeenth Century. Mr. Minogue. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

TEXTS: T. Hobbes, *Leviathan*; A. G. Wernham, *Spinoza: The Political Works*; J. Locke, *Second Treatise on Government*; S. Puffendorf, *Of the Law of Nature and Nations* (Books II, VII and X); A. S. P. Woodhouse (Ed.), *Puritanism and Liberty*.

FOR REFERENCE: H. Grotius, *On the Rights of War and Peace* (Trans. Whewell, Books I and II); S. Puffendorf, *The Whole Duty of Man According to the Law of Nature*; R. Filmer, *Patriarcha*; J. Harrington, *Oceana*; J. B. Bossuet, *Politique Tirée des Propres Paroles de l'Écriture-Sainte*; F. de Fénelon, *Télémaque*; C. de St. Pierre, *Abrégé du Project de Paix Perpetuelle*; Halifax, *Works* (Ed., Raleigh).

GENERAL: G. C. Robertson, *Hobbes*; L. Strauss, *The Political Philosophy of Hobbes*; J. H. Warrender, *The Political Philosophy of Hobbes*; F. Pollock, *Spinoza: his Life and Philosophy*; G. P. Gooch, *English Democratic Ideas in the 17th Century*; T. Pease, *The Leveller Movement*; H. C. Foxcroft, *A Character of the Trimmer: being a short life of the first Marquis of Halifax*; Von Leyden (Ed.), *Locke's Essays on the Law of Nature*; S. P. Lamprecht, *The Moral and Political Philosophy of John Locke*; H. F. R. Smith, *Harrington and his Oceana*; P. Zagorin, *A History of Political Thought in the English Revolution*; J. W. Allen, *English Political Thought 1603-1660*, Vol. I; Sir C. H. Firth, *Oliver Cromwell and the Rule of the Puritans in England*; W. K. Jordan, *The Development of Religious Toleration in England, 1640-1660*; R. W. Meyer, *Leibnitz and the Seventeenth-Century Revolution*; H. Séé, *Les Idées Politiques en France au XVIIe Siècle*; J. A. Passmore, *Ralph Cudworth*.

548. The History of English Political Thought: The Eighteenth Century. Mr. Minogue. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

Syllabus.—The course is designed to give a background and an introduction to the ideas of Butler, Hume, Burke, Adam Smith, Jeremy Bentham, Tom Paine and William Godwin. It will include the influence of Locke, the idea of nature from Locke to Wordsworth, the principle of association and the principle of utility, the growth of philosophical radicalism and the foundations of Liberalism.

TEXTS: D. Defoe, *Robinson Crusoe*; J. Swift, *Gulliver's Travels* (see C. H. Firth, "The Political Significance of Gulliver's Travels", in *Essays historical and literary*); Bolingbroke, *Dissertation upon Parties*; D. Hume, *Essays*; *Theory of Politics* (ed. Watkins); Adam Smith, *Wealth of Nations*, Book 4; J. Bentham, *Fragment on Government*; *Theory of Legislation*, Pt. I; T. Paine, *Political Writings*; E. Burke, *Works* (6 vols. World's Classics edn.); *Reflections on the Revolution in France*; W. Godwin, *An Enquiry concerning Political Justice*; M. Wollstonecraft, *A Vindication of the Rights of Women*.

GENERAL: L. Stephen, *History of English Thought in the Eighteenth Century*; E. Halévy, *The Growth of Philosophic Radicalism*; B. Willey, *The Eighteenth Century Background*; H. J. Laski, *Political Thought from Locke to Bentham*; H. N. Brailsford, *Shelley, Godwin and their Circle*; G. E. Bryson, *Man and Society*; E. Cassirer, *Philosophy of the Enlightenment* (translated 1951); P. Hazard, *European Thought in the Eighteenth Century*; C. Becker, *The Heavenly City of the Eighteenth-Century Philosophers*; J. A. Passmore, *Hume's Intentions*.

549. The History of French Political Thought: The Eighteenth Century. Mr. Pickles. Seven lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

Syllabus.—Seventeenth century absolutism and the beginnings of social criticism. Religious controversy and the growth of scientific thought. Montesquieu and the critique of arbitrary rule. Voltaire and freedom of thought. Diderot, d'Alembert and the doctrines of rationalism. Rousseau. Eighteenth century "socialism": equalitarianism, the attack on property and the reaction. Summary of the ideas of the eighteenth century: materialism, atheism and deism; civil liberties and democracy; equality; cosmopolitanism—and their culmination in Condorcet and the idea of progress.

Recommended reading.—F. A. Lange, *The History of Materialism*; E. Halévy, *La Formation du Radicalisme Philosophique*; M. Rouston, *Les Philosophes et la Société Française au 18e siècle*; M. Leroy, *Histoire des Idées Sociales en France*; P. G. M. C. Hazard, *La Pensée Européenne au 18e siècle*; B. K. Martin, *French Liberal Thought in the 18th Century*; H. Sée, *Les Idées Politiques en France au 18e siècle*.

550. European Political Thought, 1800 to 1880. Mr. Greaves. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

TEXTS: G. W. F. Hegel, *Grundlinien der Philosophie des Rechts* (trans. Knox); S. T. Coleridge, *Second Lay Sermon*; *On the Constitution of the Church and State*; *The Friend*, Part III: *Principles of Political Knowledge*; James Mill, *Essay on Government*; J. S. Mill, *On Liberty*; A. de Tocqueville, *Souvenirs* (trans. ed. by Mayer); P. J. Proudhon, *Principe Fédératif*; K. Marx, *Manifesto of the Communist Party*; *Critique of the Gotha Programme*; F. Engels, *Anti-Dühring*.

FOR REFERENCE: W. von Humboldt, *Ideen zu einem Versuch, die Grenzen der Wirksamkeit des Staats zu bestimmen* (trans. J. Couthard, *Sphere and Duties of Government*); C. H. de St. Simon, *Selected Writings* (trans. Markham); A. Comte, *Cours de Philosophie Positive*; J. S. Mill, *Representative Government*; *Essays on Bentham and Coleridge*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; H. Spencer, *Man Versus the State*; H. Michel, *Idée de l'Etat*; J. F. Stephen, *Liberty, Equality, Fraternity*; A. V. Dicey, *Law and Public Opinion in England*; G. de Ruggiero, *European Liberalism*; M. Leroy, *Histoire des Idées Sociales en France*, Vols. II and III; H. J. Laski, *Studies in the Problem of Sovereignty*; *Authority in the Modern State*; R. H. Soltau, *French Political Thought in the Nineteenth Century*.

Note.—French political thought in this period will be dealt with in Course No. 552.

550 (A). A class will be arranged in connexion with Course No. 550 in the Lent Term.

551. The History of English Political Thought, 1850 to the Present Day. Mr. Greaves and Mr. Thorp. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

TEXTS: T. H. Green, *Lectures on the Principles of Political Obligation*; B. Bosanquet, *Philosophical Theory of the State*; L. T. Hobhouse, *The Elements of Social Justice*; Fabian Essays: 1st Series; Lord Acton, *History of Freedom*, IX, *Nationality*; V. I. O. Lenin, *The State and Revolution*; H. J. Laski, *A Grammar of Politics*, Chap. 7.

GENERAL: M. Arnold, *Culture and Anarchy*; W. Bagehot, *Physics and Politics*; H. W. B. Joseph, *The Concept of Evolution* (The Herbert Spencer Lecture, 1924); G. E. Moore, *Principia Ethica*; T. D. Weldon, *The Vocabulary of Politics*; J. I. Murdoch, "Metaphysics and Ethics" in D. F. Pears (Ed.), *The Nature of Metaphysics*; F. H. Bradley, *Ethical Studies*; G. L. Dickinson, *A Modern Symposium*; Graham Wallas, *Human Nature in Politics*; R. G. Collingwood,

The New Leviathan; H. B. Acton, *The Illusion of the Epoch*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; H. R. G. Greaves, *The Foundations of Political Theory*.

Note.—French political thought in this period will be dealt with in Course No. 552.

551 (A). A class will be arranged in connexion with Course No. 551 in the Michaelmas and Lent Terms.

552. The History of French Political Thought: The Nineteenth and Twentieth Centuries. Dr. Miliband. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

Syllabus.—The main currents of French social and political thought from 1800 to the present day.

Recommended reading.—For bibliography, see Course No. 550. Further reading lists will be provided during the course.

553. The History of American Political Thought. Mr. Pear. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (i).

Syllabus.—The course will examine the nature of American political thought and political movements from the First Foundings to the New Deal.

TEXTS: A. Mason, *Free Government in the Making: Readings in American Political Thought* (2nd edn.).

GENERAL: A. de Tocqueville, *Democracy in America*; L. Hartz, *The Liberal Tradition in America*; D. J. Boorstin, *The Genius of American Politics*; R. Hofstadter, *The American Political Tradition*; *The Age of Reform*; A. Koch and W. Peden (Eds.), *The Life and Selected Writings of Jefferson*; V. L. Parrington, *Main Currents in American Thought*; J. D. Hicks, *The Populist Revolt*; E. F. Goldman, *Rendezvous with Destiny*; F. G. Wilson, *The American Political Mind*; R. H. Gabriel, *The Course of American Democratic Thought*; H. D. Croly, *The Promise of American Life*; D. W. Brogan, *Roosevelt and the New Deal*; H. J. Laski, *The American Democracy*.

554. Marxism and Communism. Mr. Panter-Brick. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii). Recommended for graduate students.

Syllabus.—Marxist theory, its fundamental doctrines, and its later history, especially in Russia.

Recommended reading.—K. Marx and F. Engels, *Communist Manifesto*; K. Marx, *Capital*, Vol. I; V. I. O. Lenin, *The State and Revolution*; I. V. Stalin, *Economic Problems of Socialism in the U.S.S.R.*; E. Burns (Ed.), *A Handbook of Marxism* (a useful selection of Marx-Lenin-Stalin writings); E. Bernstein, *Evolutionary Socialism*; I. Berlin, *Karl Marx*; E. H. Carr, *The Bolshevik Revolution*, Vol. I; G. D. H. Cole, *The Meaning of Marxism*; M. Eastman, *Marxism: Is it Science?*; J. P. Plamenatz, *German Marxism and Russian Communism*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*, Part I—"The Marxian Doctrine"; S. Hook, *Towards the Understanding of Karl Marx*; H. J. Laski, *Communism*; K. Mehnert, *Stalin versus Marx*; R. N. Carew-Hunt, *Marxism Past and Present*; H. B. Acton, *The Illusion of the Epoch*; A. G. Meyer, *Marxism*.

FOR GRADUATE STUDENTS

555. The History of English Socialist Thought, 1815 to 1945. Dr. Miliband. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus.—The roots of English Socialism. Condition of England and the new working class in 1815. Socialism, Social Protest, Radicalism and Reform. Robert Owen. The Ricardian Socialists. Chartism. Marx, Internationalism and English Socialism. Christian Socialism. Socialism and Liberalism. Marxism in England. William Morris. Fabian Socialism. The Independent Labour Party. The Labour Party. Socialist Thought between the two World Wars. English Socialism today.

Reading lists will be supplied during the Course.

556. 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 Fourieristes. 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'Égalité, dite de Babeuf*; *Doctrine de Saint-Simon* (Rivière edition); J. J. L. Blanc, *Organisation du Travail*; K. Marx and F. Engels, *Manifesto of the Communist Party*; E. Bernstein, *Die Voraussetzungen des Sozialismus*; J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Être Socialiste*; *A l'Échelle Humaine*.

557. The Political Thought of the French Revolution, 1789 to 1815. Dr. Miliband. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus.—Eighteenth century thought and the French Revolution. The Cahiers of 1789. Siéyès. The Declaration of the Rights of Man and the Constitution of 1791. Condorcet. Barnave. Jacobinism. Robespierre and St. Just. Pre-Socialist thought in the French Revolution. Babeuf and the Conspiracy for Equality.

Recommended reading.—M. Rouston, *The Pioneers of The French Revolution*; M. Leroy, *Histoire des Idées Sociales en France*, Vol. I; A. Mathiez, *The French Revolution*; E. Champion, *Esprit de la Révolution Française*; J. L. Talmon, *The Origins of Totalitarian Democracy*; A. Espinas, *La Philosophie Sociale du XVIIIe Siècle et la Révolution*; P. Bastid, *Siéyès et sa pensée*; A. L. L. de St. Just, *Œuvres*; P. Deroclet, *St. Just, ses Idées Politiques et Sociales*; J. B. O'Brien, *The Conspiracy of Babeuf for Equality*.

558. Problems of Contemporary Socialism (Seminar). Dr. Miliband will hold a seminar for graduate students in the departments of Government and of Sociology. Other graduate students will, however, be welcome. The seminar will begin in the fifth week of the Michaelmas Term and will continue until the end of the Lent Term.

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.

II. PUBLIC ADMINISTRATION

(a) British and Foreign Government

575. Elements of Government. Fifty lectures in two sessions.

For B.Sc. (Econ.) Part I (First and Second Years). Students taking the Social Science Certificate (First Year) should take (a) and (b); students taking the Social Science Certificate (First Year) (Overseas Option) may take (a) and (b); Optional for Diploma in Public Administration (First and Second Years).

First Year

- (a) **The Government of Great Britain.** (i) **Central.** Professor Robson (day), Dr. Miliband (evening). Twelve lectures, Michaelmas and Lent Terms.
- (b) **The Government of Great Britain.** (ii) **Local.** Mr. Boyd. Six lectures, Lent Term.
- (c) **The Government of France.** Mr. Pickles. Nine lectures, Lent and Summer Terms.

Second Year

- (d) **The Government of the U.S.A.** Mr. Pear. Ten lectures, Michaelmas Term.
- (e) **Commonwealth Relations.** Mr. Thorp. Five lectures, Lent Term.
- (f) **Introduction to Politics.** Mr. Thorp. Five lectures, Lent Term.

576. Problems of Parliament. Mr. Bassett and Mr. Panter-Brick. Ten lectures, Michaelmas Term, for day students. Five lectures, Lent Term, for evening students.

For B.Sc. (Econ.) Part II—Special subject of Government (ii). Diploma in Public Administration (Second Year).

Syllabus.—Functions of the House of Commons. Second Chamber. Committees. Parliament and industry, foreign policy, defence, finance. Politician, expert and administrator. Representation. Public opinion. Delegated legislation. Parties.

Recommended reading.—W. I. Jennings, *Cabinet Government*; *Parliament*; H. R. G. Greaves, *British Constitution*; T. E. May, *Treatise on the Law, Privileges, Proceedings and Usage of Parliament*; H. J. Laski, *Reflections on the Constitution*; R. Bassett, *The Essentials of Parliamentary Democracy*; G. Wallas, *Human Nature in Politics*; H. S. Morrison, *Government and Parliament*; R. T. McKenzie, *British Political Parties*; G. F. M. Campion and others, *British Government since 1918*; G. F. M. Campion, *Parliament: A Survey*.

577. The Theory and Practice of Public Administration. Professor Robson. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Government (iii). Diploma in Public Administration (First Year). Recommended for graduate students.

Syllabus.—Some recent theories of administration. An examination of the institutions and practices of government with a view to analysing the conceptions on which they are based. The topics will include the constitutional framework, Legislative-Executive relations, organisation of public authorities, the civil service, co-ordination, planning, leadership, the rôle of authority, inspection, and the relation of politics to administration. The treatment will be comparative.

Recommended reading.—L. H. Gulick and L. Urwick (Eds.), *Papers on the Science of Administration*; M. and G. Dimock, *Public Administration*; D. N. Chester and F. M. G. Willson, *The Organization of British Central Government, 1914-1956*; *The New Whitehall Series*; H. A. Simon, *Administrative Behaviour*; H. A. Simon and others, *Public Administration*; J. W. Fesler, *Areas and Administration*; G. B. Galloway, *Congress and Parliament*; E. H. Litchfield, "Notes on a General Theory of Administration" (*Administrative Science Quarterly*, June, 1956); J. D. Millett, *Management in the Public Service*; "The Formation of Economic and Financial Policy: a symposium" (*International Social Science Bulletin*, Vol. 7, No. 2, 1956); A. P. Sinker, "What are Public Service Commissions For?" (*Public Administration*, Vol. 31, 1953); C. S. Hyneman, *Bureaucracy in a Democracy*; American Assembly, *Federal Government Service*; K. Mannheim, *Freedom, Power and Democratic Planning*; Second Hoover Commission, *Task Force report on Personnel and Civil Service* (February, 1955); First Hoover Committee, *General Management of the Executive Branch*; C. I. Barnard, *The Functions of the Executive*; B. Chapman, *The Profession of Government*; F. Morstein Marx, *The Administrative State*.

578. The Government and Politics of Modern France. Mr. Pickles. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii).

Syllabus.—The text of the Constitution; methods of revision and of supervision. The suffrage and its use. The processes of government. The Presidency. The *Conseil d'Etat*. The judiciary and its control. The Community. Evolution, achievements and prospects of the Fifth Republic.

Recommended reading.—M. Duverger, *La Ve République*; P. Williams and M. Harrison, *De Gaulle's Republic*; D. M. Pickles, *The Fifth French Republic*; W. Pickles, *The French Constitution of October 4th, 1958*; C. J. Hamson, *Executive Discretion and Judicial Control*; M. Letourneur and V. Méric, *Le Conseil d'Etat*.

578 (A). A class will be arranged in connexion with Course No. 578 in the Lent Term, if desired.

579. The Government of the United States of America (Advanced). Mr. Pear. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii).

Syllabus.—Origins of the Federal Constitution. The Supreme Court and Judicial Review. The President and Congress. The structure of the Administration. State-Federal relationships. The Party system.

Recommended reading.—D. W. Brogan, *American Political System*; *An Introduction to American Politics*; C. B. Swisher, *The Growth of Constitutional Power in the U.S.*; R. E. Cushman (Ed.), *Leading Constitutional Decisions*; E. S. Corwin, *The Twilight of the Supreme Court*; V. O. Key, *Politics, Parties, and Pressure Groups*; H. Pritchett, *The Roosevelt Court*; *The Vinson Court*; R. E. Cushman, *The Independent Regulatory Commissions*; S. Lubell, *Future of American Politics*; M. Josephson, *The President Makers*; H. J. Laski, *The American Democracy*; R. A. Young, *The American Congress*.

579 (A). A class will be arranged in connexion with Course No. 579 in the Lent Term, if desired.

580. The Governments of Western Germany, Belgium and Switzerland. Mr. Panter-Brick. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Government (iii). Recommended for graduate students.

Syllabus.—The main features of political life and institutions in each country, with special reference to the re-establishment of the rule of law in Germany, cabinet government and the parliamentary system as practised in Belgium and Germany, federal arrangements in Germany and Switzerland, and the working of direct democracy in Switzerland.

Recommended reading.—(Part II students need read only the English texts; the foreign texts are only given for further reference.)

WESTERN GERMANY: The section on Germany in F. A. Ogg and H. Zink, *Modern Foreign Governments*; E. H. Litchfield, *Governing Post-War Germany*; J. K. Pollock and others, *German Democracy at Work*; H. v. Mangoldt, *Das Bonner Grundgesetz*; R. Hiscocks, *Democracy in Western Germany*; A. Grosser, *Western Germany*; *La Démocratie de Bonn, 1949-1957*; U. W. Kitzinger, *German Electoral Politics*.

BELGIUM: J. A. Goris (Ed.), *Belgium between the two World Wars*, Part 2, Ch. 3-4, Part 3, Ch. 7-9; F. v. Kalken, *La Belgique contemporaine*; P. Wigny, *Le Droit Constitutionnel*; Institut Belge de Science Politique, *Aspects du Régime Parlementaire Belge*; R. E. de Smet and R. Evalenko, *Les élections belges*.

SWITZERLAND: J. Bryce, *Modern Democracies*, Vol. 1—*Democratic Government and Politics in Switzerland*; W. E. Rappard, *The Government of Switzerland*; C. Hughes, *The Federal Constitution of Switzerland*; W. E. Rappard, *La Constitution Fédérale de la Suisse, 1848-1948*; E. Akeret, *Das Regierungssystem der Schweiz*; F. Fleiner, *Schweizerisches Bundesstaatsrecht*.

GENERAL: M. P. Fogarty, *Christian Democracy in Western Europe*.

581. The Government of Soviet Russia. Mr. Schapiro. Fifteen lectures, Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—Special subject of Government (iii), option (d). Recommended for graduate students.

Syllabus.—The origins of communism in Russia. The development of Soviet political institutions from the Revolution to the present with emphasis upon the distribution and balance of power: the Constitution, the Communist Party, the Republics, central and local government, the judicial system, and social and economic administration.

Recommended reading.—Soviet Institutions: M. Fainsod, *How Russia is ruled*; J. Towster, *Political Power in the U.S.S.R.*; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; D. J. R. Scott, *Russian Political Institutions*; J. N. Hazard, *The Soviet System of Government*. Students should also read and study the Soviet Constitution of 1936 and the Communist Party Statute, 1952. Further reading will be recommended during the course.

General Historical, Political and Economic Background: E. H. Carr, *The Bolshevik Revolution* (3 vols.); L. Schapiro, *The Communist Party of the Soviet Union*; R. Pipes, *Formation of the Soviet Union*; F. Beck and W. Godin, *Russian Purge and the extraction of Confession*; Harry Schwartz, *Russia's Soviet Economy*; D. W. Treadgold, *Twentieth Century Russia*; W. Kolarz, *Russia and her Colonies*; I. V. Stalin, *Short History of the C.P.S.U. (B)*; M. Fainsod, *Smolensk under Soviet Rule*.

582. Commonwealth Governments (Canada, New Zealand, Australia and South Africa). Mr. Thorp. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii), option (b). Recommended for graduate students.

Syllabus.—The formation of representative and responsible government; parties and politics; federalism and its problems; problems of race and nationality; the Statute of Westminster and Dominion Status.

Recommended reading.—S. D. Bailey (Ed.), *Parliamentary Government in the Commonwealth*; H. Belshaw (Ed.), *New Zealand*; A. Brady, *Democracy in the Dominions* (1952 edn.); G. W. Brown (Ed.), *Canada*; R. Coupland (Ed.), *The Durham Report*; R. M. Dawson, *The Government of Canada* (1954 edn.); P. Knaplund, *Britain, Commonwealth and Empire, 1901–55*; P. N. S. Mansergh, *Survey of British Commonwealth Affairs*, Vol. 4: *Problems of Wartime Co-operation and Post-War Change, 1939–1952*; L. Marquard, *The Peoples and Policies of South Africa*; J. D. B. Miller, *Australian Government and Politics* (2nd edn.); S. Patterson, *The Last Trek*; J. D. Pringle, *Australian Accent*; Royal Institute of International Affairs, *Survey of British Commonwealth Affairs*, Vol. I. *Problems of Nationality*, by W. K. Hancock; L. Webb, *Government in New Zealand*; K. C. Wheare, *The Statute of Westminster and Dominion Status* (5th edn.); H. J. Harvey, *Consultation and Co-operation in the Commonwealth*; S. A. de Smith, *The Vocabulary of Commonwealth Relations*; A. F. B. Williams (Ed.), *The Selborne Memorandum*.

582 (A). Commonwealth Governments (Canada, New Zealand, Australia and South Africa) (Class). Ten classes will be held in the Lent Term to follow the lectures in Course No. 582.

583. Problems of Comparative Government. Members of the Department. Sessional.

For B.Sc. (Econ.) Part II—Special subject of Government (iii).

Syllabus.—Significant features of foreign and Commonwealth systems of Government will be selected for comparative treatment. Details will be announced later.

Books will be recommended by individual lecturers.

584. Political Parties. Mr. Pear. Ten lectures, Lent Term. This course will be given in the evening only.

For B.Sc. (Econ.) Part II—Special subject of Government (ii).

Syllabus.—Origin of political parties: parties and pressure groups: types of political parties, membership, organisational machinery; leadership and policy. Democracy and Oligarchy: Political ideology and the functions of political parties. Parties in totalitarian states.

Recommended reading.—S. Neumann (Ed.), *Modern Political Parties*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; R. T. McKenzie, *British Political Parties*; G. D. H. Cole, *History of the Labour Party since 1914*; N. Gash, *Politics in the Age of Peel*; E. E. Schnattschneider, *Party Government*; W. E. Binkley, *American Political Parties*; L. Overacker, *The Australian Party System*; M. Duverger, *Political Parties*.

FOR GRADUATE STUDENTS

585. British Politics since 1918. Mr. Bassett. Ten lectures, Lent Term.

For graduate students. Suitable for undergraduates taking the Special subject of Government in the B.Sc. (Econ.) Part II examination.

Syllabus.—A survey of British political history since the First World War. Special attention will be given to movements of opinion, to the leadership and policies of parties and governments, and to the functioning of parliamentary democracy.

Recommendations about reading will be given during the course.

586. Soviet Problems (Seminar). Mr. Schapiro will hold a fortnightly seminar on current political problems and on historical questions in the Soviet and Communist orbit during the Michaelmas and Lent Terms for graduates working under his supervision. A number of meetings, at which papers by visiting experts will be read and discussed, will be open, by invitation only, to a wider audience.

587. Parties, Pressure Groups and the Political Process (Seminar). 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.

588. Current Problems in British Politics (Seminar). A seminar will be held for graduate students by Mr. Bassett in the Lent and Summer Terms.

589. The Government of Canada. Mr. McKenzie. Five lectures, Summer Term.

For graduate students; open to undergraduates.

Syllabus.—The struggle for representative and responsible government; the British North America Act, 1867; the forms of government in Canada; dominion-provincial relations; Canada's external relations.

Recommended reading.—A. Brady, *Democracy in the Dominions*; J. B. Brebner, *The North Atlantic Triangle*; H. L. Brittain, *Local Government in Canada*; G. W. Brown (Ed.), *Canada*; *The Canada Year Book* (Dominion Bureau of Statistics); H. McD. Clokie, *Canadian Government and Politics*; R. Coupland (Ed.), *The Durham Report*; D. G. Creighton, *Dominion of the North*; R. M. Dawson, *Constitutional Issues in Canada, 1900–1931*; *The Development of Dominion Status, 1900–1936*; *The Government of Canada*; P. Gérin-Lajoie, *Constitutional Amendment in Canada*; G. Hambleton, *Everyman's Guide to Canada's Parliament*; A. D. P. Heeny, *Cabinet Government in Canada*; H. L. Keenlyside, *Canada and the United States*; W. P. McC. Kennedy, *The Constitution of Canada*; *Statutes, Treaties and Documents of the Canadian Constitution, 1713–1929*; A. R. M. Lower, *Colony to Nation*; Chester Martin, *Empire and Commonwealth*; E. McInnes, *Canada: a Political and Social History*; W. B. Munro, *American Influences on Canadian Government*; *Report of the Royal Commission on Dominion Provincial Relations*; *Report of the Royal Commission on National Development in the Arts, Letters and Sciences*; M. Wade, *The French Canadians*; N. Ward, *The Canadian House of Commons*; *Representation*.

590. The Politics of European Integration. Mr. Pickles. Five lectures, Summer Term.

For graduate students.

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 Marche Commun*.

591. Constitutional Problems of Federal and Multi-racial States (Seminar). Dr. Mair and Professor Robinson will hold a seminar for graduate students in the Michaelmas and Lent Terms on the political and constitutional problems of federal and multi-racial countries. To be held at and in conjunction with the Institute of Commonwealth Studies.

(b) Executive Government

605. The Central Government. Professor Robson and Mr. Greaves. Fifteen lectures, Michaelmas and Lent Terms. This course will be given in the day only in the session 1960-61.

For B.Sc. (Econ.) Part II—Special subject of Government (ii). Diploma in Public Administration (First Year).

Syllabus.—The impact of the welfare state on central government. The effect on Parliament, the Courts, and the Executive. The administrative process in relation to democratic government. The newer aspects of Cabinet government. The principles underlying the formation of Departments and the distribution of functions. The internal organisation of Departments. Decentralisation and deconcentration.

The expanding rôle of the Treasury. Central direction and planning in relation to defence, economic policy, and other matters.

Recent developments in the control of delegated legislation; administrative tribunals; advisory committees. The significance of intelligence, information and public relations services. Organisation and methods.

The Civil Service: its structure, functions, principles and problems of organisation. Treasury control and the machinery of government.

Recommended reading.—W. A. Robson (Ed.), *The Civil Service in Britain and France*; H. S. Morrison, *Government and Parliament*; W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain*; S. Beer, *Treasury Control*; F. Dunnill, *The Civil Service: Human Aspects*; J. Anderson, *The Machinery of Government*; Report of the Haldane Committee on the Machinery of Government (B.P.P. 1918, Vol. XII, Cmd. 9230); W. I. Jennings, *Cabinet Government* (2nd edn.); H. S. Morrison, *Economic Planning*; O. S. Franks, *Central Planning and Control*; *The Practice of O. and M.* (H.M.S.O. 1954); T. A. Critchley, *Civil Service To-day*; W. A. Robson, *Justice and Administrative Law* (3rd edn.); H. R. G. Greaves, *The Civil Service in the Changing State*; Sir E. Bridges, *Treasury Control*; G. F. M. Campion and others, *British Government since 1918*; *Report on Crichton Down Public Enquiry* (H.M.S.O.), Cmd. 9176 (1954); *Report of the Franks Committee on Administrative Tribunals and Inquiries* (Cmd. 218); the new Whitehall Series.

606. Local and Regional Government. Mr. Self. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (ii); for the Certificate in Social Science (Second Year); for Oversea Service Officers; Diploma in Public Administration (Second Year). Recommended for graduate students.

Syllabus.—Principles and practice of the local government system in England and Wales. Functions and areas. Political machinery and the party system in local government. Administrative organisation and efficiency. Central control. Local finance. Municipal enterprise.

The current problems of local government. Adaptations to the system and proposals for its reform. The special problems of conurbations and rural areas. Regional government and regional planning. The emergence of new authorities and new relationships. The future of local democracy.

Recommended reading.—C. H. Wilson (Ed.), *Essays on Local Government*; W. I. Jennings, *Principles of Local Government Law*; J. H. Warren, *The English Local Government System*; E. D. Simon, *A City Council from within*; W. A. Robson, *Development of Local Government*; *Government and Misgovernment of London*; G. D. H. Cole, *Local and Regional Government*; V. Jones, *Metropolitan Government*; P. Self, *Regionalism*; H. J. Laski and others (Eds.), *A Century of Municipal Progress*; S. E. Simon, *A Century of City Government*. Official reports, etc., will be recommended during the course. The latter part of the course will include material from the United States, Canada and other countries.

607. Public Administration and the Social Services. This course will not be given in the session 1960-61.

For B.Sc. (Econ.) Part II—Special subject of Government; for Certificate in Social Science and Administration (Second Year). Diploma in Public Administration.

Syllabus.—Origin and character of the welfare state, and the place of the social services in it. Organisation of the social services. Functional requirements. Specialisation and standards. Relations of administrators, experts, politicians and laymen. Role of professional organisations.

Finance of the social services. Finance, politics, and ethics. Planning and co-ordination. Social services, Parliament, and public opinion. Conclusions on administrative structure.

Recommended reading.—T. S. Simey, *Principles of Social Administration*; Lord Beveridge, *Voluntary Action*; M. P. Hall, *The Social Services of Modern England*; A. E. C. Bourdillon, *Voluntary Social Services*; Beatrice Webb, *My Apprenticeship*; *Our Partnership*; W. A. Robson (Ed.), *Social Security*; R. H. Tawney, *Equality*; J. S. Clarke, *Disabled Citizens*; Annual Reports of the National Assistance Board, Ministry of Health, Ministry of Education, and other Departments; *Town and Country Planning, 1943-51* (Progress Report by the Minister of Local Government and Planning on the Work of the Ministry of Town and Country Planning, Cmd. 8204, H.M.S.O.); Annual Reports of the Arts Council, the British Council, B.B.C. and similar bodies; United Nations, IV. Social Welfare, 1950, 10, *Methods of Social Welfare Administration*.

608. Public Enterprise. Professor Robson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Government (ii); suitable for LL.B. Final—Optional subject of Administrative Law. Diploma in Public Administration. Recommended for graduate students.

Syllabus.—The causes and evolution of public ownership and control. The principal forms and directions of public enterprise in the modern world.

Public utilities and the state. Methods of creation, operation and regulation. The functions performed by Parliament, Government Departments, local authorities, the Judiciary, regulatory Commissions and *ad hoc* bodies.

Nationalisation. The public corporation: its constitutional, political, legal, financial and administrative characteristics. Comparison with joint stock companies, government departments, and mixed undertakings.

The organisation and management of nationalised industries. The governing Board. Parliamentary scrutiny and control. Relations with Ministers and Departments. Relations with consumers. Finance and audit. The annual report. Joint consultation. Labour relations. The problems relating to nationalised industries and services.

Mixed enterprise. Multi-purpose projects. New forms of public ownership or control.

Recommended reading.—W. A. Robson, *Nationalised Industry and Public Ownership*; H. A. Clegg, *Industrial Democracy and Nationalisation*; *Railways Reorganisation Scheme* (Cmd. 9191); U.K. National Coal Board, *Report of the Advisory Committee on Organisation* (Fleck Report); Gordon R. Clapp, *The Tennessee Valley Authority*; T.U.C. Report, 1950, Appendix D, *Public Ownership*; A. W. Street, *The Public Corporation in British Experience*; A. H. Hanson, *Public Enterprise*; H. Townshend-Rose, *The British Coal Industry*; Report of the Broadcasting Committee (Cmd. 8116); E. L. Johnson, "Joint Consultation in Britain's Nationalized Industries" (*Public Administration Review*, Vol. XII, Summer, 1952); Acton Society Trust, *Studies in Nationalised Industry*; House of Commons Papers No. 235, 1952/53, *Reports of the Select Committee on Nationalised Industries*; *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmd. 9672, 1956).

For further reading or reference.—W. Friedman (Ed.), *The Public Corporation*; E. Goodman, *Forms of Public Control and Ownership*; J. Thurston, *Government Proprietary Corporations in the English Speaking Countries*; A. W. Street, "Quasi-Government Bodies" in G. F. M. Campion and others, *British Government since 1918*; W. A. Robson (Ed.), *Public Enterprise*; H. J. Laski, W. I. Jennings and W. A. Robson (Eds.), "Public Utilities" (*A Century of Municipal Progress*); D. N. Chester, *The Nationalised Industries*; T. H. O'Brien, *British Experiments in Public Ownership and Control*; H. S. Morrison, *Socialisation and Transport*; L. Gordon, *The Public Corporation in Great Britain*; Annual Reports of the various public corporations; B. Lavergne, *Le Problème des Nationalisations*; J. Reith, *Into the Wind*; E. Ventenat, *L'Expérience des Nationalisations*; L. Julliot de la Morandière and M. Byé (Eds.), *Les Nationalisations en France et à l'Étranger*; G. Vickers, "The Accountability of a Nationalised Industry" (*Public Administration*, Vol. XXX, Spring, 1952); S. J. L. Hardie, *The Nationalised Industries* (Nov., 1952); H. A. Clegg and T. E. Chester, *The Future of Nationalization*; H. S. Houldsworth and others, *Efficiency in the Nationalised Industries*; *Report of the Committee on National Policy for the use of Fuel and Power Resources* (Cmd. 8647, 1952); M. Einaudi and others, *Nationalization in France and Italy*.

609. Town and Country Planning: Its aims, methods and problems. Professor Robson, Professor Wise, Mr. Self and Mr. Estall. 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; 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.

FOR GRADUATE STUDENTS

610. Seminar. A seminar will be held for graduate students on a subject to be arranged, by Mr. Greaves, in the Michaelmas and Lent Terms.

611. Local Government and Planning (Seminar). A seminar for graduate students will be held in the Lent Term by Mr. Self.

Syllabus.—The policies and problems of cities and other local government units in the sphere of planning, with particular reference to the planning of land use.

612. Problems of Public Administration (Seminar). A seminar will be held for graduate students by Professor Robson in the Michaelmas Term. Undergraduate students may be admitted to this seminar by special permission of Professor Robson.

(c) Trade Union Studies

620. Development of Trade Unionism. Mr. Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course, and the course in Personnel Administration.

Syllabus.—The course will deal with the development of trade unionism from its foundation 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*.

621. Trade Unions in Britain. Mr. Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course and those attending the Personnel Administration course. Also for B.Sc. (Econ.) Part II—Special subject of Industry and Trade (iii).

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*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; A. B. Badger, *Man in Employment*.

FOR GRADUATE STUDENTS

622. Comparative Industrial Relations. Mr. Roberts. Fifteen lectures, Lent and Summer Terms.

For graduate students; suitable for students attending the Trade Union Studies course and those attending the Personnel Administration course.

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*.

623. Trade Unionism in France. Mr. Pickles. Five lectures, Lent Term.

For graduate students; and for students attending the Trade Union Studies course.

Syllabus.—Origins and special characteristics of French Trades Unionism. *Bourses du Travail* and C.G.T. Syndicalist trends and the drift from them. Communist and Christian Trades Unions. Agricultural and Professional bodies. Trades Unions during the Second World War. Problems of French Trades 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*.

624. Industrial Relations (Seminar). Mr. Roberts will hold a seminar in the Lent Term for graduate students, and students attending the Trade Union Studies and Personnel Administration courses.**(d) The Government of Non-Self-Governing Territories****630. Government in New and Emergent States.** Dr. Mair and Mr. Panter-Brick. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii), option (e); Academic Postgraduate Diploma in Social Studies in Tropical Territories; Oversea Service Officers; and Diploma in Economic and Social Administration.

Syllabus.—The political expression of national unity and the purpose of state authority. The problem of minorities and their representation; federal arrangements; rights and liberties. Responsibility and accountability at various levels of authority. The functioning

of political parties and other organisations such as trade unions. Elections. The civil service. Public enterprise. Relations with other States. Illustrations will be drawn from the Commonwealth (particularly Africa, Malaya and the Caribbean) and the French Community.

Recommended reading.—Hansard Society, *Problems of Parliamentary Government in West Africa*; T. L. Hodgkin, *Nationalism in Colonial Africa*; K. Nkrumah, *Ghana*; J. S. Coleman, *Nigeria, the Background to Nationalism*; T. H. Silcock and Ungku Abdul Aziz, "Nationalism in Malaya" in W. L. Holland (Ed.) *Asian Nationalism and the West*; W. J. M. Mackenzie, *Free Elections*; W. J. M. Mackenzie and K. E. Robinson, *Five Elections in Africa*; V. Thomson and R. Adloff, *French West Africa*; K. E. Robinson, "Political Developments in French West Africa" in C. Stillman (Ed.) *Africa in the Modern World*.

Reference should also be made to the following section and courses:—

International Relations.

No. 51.—**The Economics of Public Finance.**

No. 250.—**English Constitutional History since 1660.**

No. 376.—**Administrative Law.**

No. 665.—**Current Social and Political Problems in the Middle East and North Africa (Seminar).**

SOCIOLOGICAL STUDIES

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ANTHROPOLOGY

(a) General.

640. Introduction to Social Anthropology. Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option I and Option II (First Year only); for B.Sc. (Econ.) Part II—Special subject 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 Certificate in Social Science (Overseas Option) (First Year). First Year students for the Certificate in Social Science may also attend.

Syllabus.—Scope and methods of social anthropology. Elements of theory in social anthropology. Environment. Race. Mode of subsistence. Local organisation. Age organisation. Social organisation on the basis of sex. Characteristics of primitive economies. Government and politics in primitive societies. Law in primitive societies. Social stratification in primitive and peasant societies. Theory of ritual. Magic, witchcraft, and religion.

Recommended reading.—R. W. Firth, *Human Types* (revised edn. 1956); C. D. Forde, *Habitat, Economy, and Society*; R. H. Lowie, *Social Organization*; R. W. Firth, *Elements of Social Organization*; E. E. Evans-Pritchard, *Social Anthropology*; R. Linton, *The Study of Man*; M. Ginsberg, *Sociology*; I. Schapera, *Government and Politics in Tribal Societies*; 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*; E. E. Evans-Pritchard, *et al.*, *The Institutions of Primitive Society*; M. Gluckman, *Custom and Conflict in Africa*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; G. D. Mitchell, *Sociology*; W. Goldschmidt, *Understanding Human Society*.

641. Selected Texts in Social Anthropology. Mrs. Lancaster and Dr. Benedict. Nine lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option II (First Year). Students taking B.A. Honours in Anthropology, Academic Postgraduate Diploma in Anthropology or Social Anthropology as subsidiary to a first degree 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 lectures.

642. Introduction to the Study of Family and Kinship. Mrs. Lancaster. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option I and Option II (First Year) only; for B.Sc. (Econ.) Part II—Special subject 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 Certificate in Social Science (Overseas Option) (First Year). First Year students for the Certificate in Social Science may also attend.

Syllabus.—The importance of kinship in simpler societies; marriage and the kinship structure; incest and exogamy; typology of marriage; stability of marriage; elementary

family; joint, compound and extended families; unilineal kin systems; patrilineal kinship; matrilineal kinship; double unilineal and complex unilineal systems; bilateral kinship; kinship roles and behaviour; kinship terminology; history of the study of kinship.

Recommended reading.—ESSENTIAL: J. A. Barnes, "Kinship" in *Encyclopaedia Britannica*, London Printing, 1955; A. R. Radcliffe-Brown, Introduction to A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*.

SUPPLEMENTARY: A reading list will be issued to those attending the lectures.

643. Government and Politics in Tribal Societies. Dr. Mair.
Eight lectures, Summer Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (First and Second Years); for B.Sc. (Econ.) Part II—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 and composition of the political community in preliterate societies. Minimal government; special characteristics of government in face-to-face societies. 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. Inter-tribal relations; expansion of the state; treatment of "subject peoples". Theories of political origins and development.

Recommended reading.—ESSENTIAL: M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; I. Schapera, *Government and Politics in Tribal Societies*.

SUPPLEMENTARY: R. W. Firth, *We, The Tikopia*; H. I. Hogbin, *Transformation Scene*; E. E. Evans-Pritchard, *The Political System of the Anuak*; A. W. Southall, *Alur Society*; S. F. Nadel, *A Black Byzantium*; I. Schapera, *A Handbook of Tswana Law and Custom*; *Tribal Legislation among the Tswana*; *The Political Annals of a Tswana Tribe*; C. K. Meek, *Law and Authority in a Nigerian Tribe*; C. D. Forde, "Government in Umor" (*Africa*, 1939).

644. Social Control in Preliterate Societies. This course will be given in the session 1961-62.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—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 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 preliterate societies. Ordeals and oaths. Criminal and civil law. Responsibility and punishment. Comparison of primitive and civilised systems of law.

Recommended reading.—(a) ESSENTIAL: 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*.

(b) SUPPLEMENTARY: C. K. Allen, *Law in the Making* (6th ed.); P. Bohannan, *Justice and Judgment among the Tiv*; M. Gluckman, *The Judicial Process among the Barotse of Northern Rhodesia*; 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. W. Firth); R. C. Thurnwald, *Werden, Wandel und Gestaltung des Rechtes* (*Die Menschliche Gesellschaft*, Vol. V.).

645. Outline of Economic Anthropology. This course will be given in the session 1961-62.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—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 peasant 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. W. 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*; R. Mukerjee, *Principles of Comparative Economics*; B. Malinowski, *Argonauts of the Western Pacific*; *Coral Gardens and their Magic*; R. W. 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*; H. I. Hogbin, "Tillage and Collection—a New Guinea Economy", "Native Land Tenure in New Guinea" (both in *Oceania*, 1939); C. D. Forde, "Land and Labour in a Cross River Village, Southern Nigeria" (*Geographical Journal*, 1937); I. Schapera, *Native Land Tenure in the Bechuanaland Protectorate*; E. R. Leach, *Social and Economic Organization of the Rowanduz Kurds*; Rosemary Firth, *Housekeeping among Malay Peasants*; W. H. Beckett, *Akokoaso*; M. M. Green, *Land Tenure in an Ibo village*; S. D. Pant, *Social Economy of the Himalayans*; 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 Siuai, Southern Bougainville" (*Peabody Museum Papers*, XXIV, No. 4).

646. Systems of Religion and Magic. Professor Firth. Eight lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); or B.Sc. (Econ.) Part II—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.—Usages of relevant terms. Religious and magical ideas. Ritual and symbolism. Myths and cosmologies. Cult organisation. Divination. Theories of the social functions of religion and magic.

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. W. 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 and others, *The Institutions of Primitive Society*, Chap. I; 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" in J. Needham (Ed.), *Science, Religion and Reality*; 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. W. 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. W. Firth, *Work of the Gods in Tikopia*; E. E. Evans-Pritchard, *Divine Kingship of the Shilluk of the Nilotic Sudan* (Frazer Lecture, 1948).

647. The Family. Mr. Morris. Ten 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—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.—A comparative study of marriage and family.

Recommended reading.—E. Westermarck, *History of Human Marriage*; J. K. Folsom, *The Family; its Sociology and Social Psychiatry*; K. Davis, *Human Society*; E. F. Frazier, *The Negro Family in the United States*; C. M. Arensberg and S. T. Kimball, *Family and Community in Ireland*; R. W. Firth, *We, The Tikopia*; I. Schapera, *Married Life in an African Tribe*; L. P. Mair, *Survey of African Marriage and Social Change* (Ed. A. Phillips); A. I. Richards, *Bemba Marriage*; E. Colson, *Marriage and Family among the Plateau Tonga*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; J. D. Freeman, *The Family System of the Iban of Borneo*; M. Freedman, *Chinese Family and Marriage in Singapore*; J. Djamour, *Malay Kinship and Marriage in Singapore*.

648. Kinship and Local Organisation. Professor Schapera. 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—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 development of kinship theory. Modern studies of family and kinship. The connections between kinship and local organisation.

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).

Further reading will be suggested in the lectures.

649. Anthropology and Social Problems. Twenty-four lectures, Michaelmas and Lent Terms.

Suitable for B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—Special subject of Social Anthropology; for Oversea Service Officers, Social Science Certificate (Overseas Option) and the Academic Postgraduate Diploma in Anthropology (Second Year).

(a) Social Implications of Technological Change. Dr. Mair. Ten lectures, Michaelmas Term.

Syllabus.—Changes in family life, government and law, land tenure and productive techniques, religion and magic will be discussed. The lectures will be illustrated by examples drawn from selected African, Oceanic, and S.E. Asian peoples.

Recommended reading.—B. Malinowski (Ed.), *Methods of Study of Culture Contact in Africa*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; M. Read, *Education and Social Change in Tropical Areas*; A. Phillips (Ed.), *Survey of African Family and Marriage*; I. Schapera, *Migrant Labour and Tribal Life; Married Life in an African Tribe*; G. Wilson, *An Essay on the Economics of Detribalization in Northern Rhodesia*; J. A. Barnes, *Marriage in a Changing Society*; A. I. Richards, *Economic Development and Tribal Change*; L. A. Fallers, *Bantu Bureaucracy*; B. G. M. Sundkler, *Bantu Prophets in South Africa*; T. L. Hodgkin, *Nationalism in Colonial Africa*.

(b) Problems in Applied Anthropology. Dr. Benedict and Dr. Smith. Ten lectures, Lent Term.

Syllabus.—The value of anthropology in relation to practical activities: politics and policy, communication, political structure, health and family planning, education and economic problems.

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*; B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas*; "Social Anthropology and Health Education" in *The Health Education Journal*, Vol. XV, No. 2, May 1957; F. Lorimer, *Culture and Human Fertility*; 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.

(c) Community Development. Dr. Stirling. Four lectures, Lent Term.

Syllabus.—Aims and methods of "community development". Relations between governments, agents, leaders and people. Effects on traditional structure. Resistances and difficulties. Urban "community development". Growth of groups and networks in new urban populations.

Recommended reading.—ESSENTIAL: T. R. Batten, *Communities and their Development*; I. C. Jackson, *Advance in Africa*; A. C. Mayer, Articles in *Pacific Affairs*, Vol. XXIX, 1 March, 1956, and Vol. XXX, 1 March, 1957; Colonial Office, *Community Development*, 1958.

SUPPLEMENTARY: E. H. Spicer (Ed.), *Human Problems in Technological Change*; B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas*; H. B. Allen, *Rural Reconstruction in Action*; P. du Sautoy, *Community Development in Ghana*; UNESCO, Educational Studies and Documents, No. 7, *Education for Community Development—a selected bibliography*; India, Planning Commission, *Evaluation Reports on working of community projects*, and other documents.

Note.—Students should also refer to Course No. 630.

650. Psychology and Social Anthropology. This course will be given in the session 1961-62.

Suitable for B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—The ethnographic problems which gave rise to modern applications of psychology to social anthropology. Use of projective and other psychological tests in anthropological field work; study of children and adolescents; clinical contributions. Theories of personality and culture.

Recommended reading.—R. F. Benedict, *Patterns of Culture; The Chrysanthemum and the Sword*; C. Du Bois, *The People of Alor*; D. Haring (Ed.), *Personal Character and Cultural Milieu*; A. I. Hallowell, *Culture and Experience*; J. J. Honigmann, *Culture and Personality*; F. L. K. Hsu (Ed.), *Aspects of Culture and Personality*; A. Kardiner, *The Individual and his Society*; R. Linton, *The Cultural Background of Personality*; M. Mead (Ed.), *Co-operation and Competition among Primitive Peoples*; H. A. Murray and C. Kluckhohn (Eds.), *Personality in Nature, Society and Culture*; S. S. Sargent and M. W. Smith (Eds.), *Culture and Personality*.

651. The Development of Social Anthropology. Eighteen lectures, Sessional.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

(a) History of Social Anthropology. Professor Firth. Ten lectures, Michaelmas and Lent Terms.

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.).

Other literature will be recommended during the course.

(b) Current Trends in British Social Anthropology. This course will be given in the session 1961-62.

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*; R. W. Firth, *Elements of Social Organisation*; R. W. Firth (Ed.), *Man and Culture*; S. F. Nadel, *The Foundations of Social Anthropology*; *The Theory of Social Structure*.

Additional reading will be recommended during the course.

(c) Current Trends in American Anthropology. Dr. Smith. Eight lectures, Summer Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—Effects of evolutionary theory on the understanding of man's place in nature; cultural relativism. Distribution studies. The concept of culture. Culture growth; culture change; acculturation. Developments in linguistics. National character; influence of psycho-analysis. Inter-disciplinary studies. Values and the re-examination of categories of human thought.

Recommended reading.—Reading on special topics will be recommended during the course.

652. Culture Areas. Dr. Smith. Six lectures, Lent Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—Mapping of ethnographic data; the theory of culture areas. Criticisms; extreme diffusionism; the Vienna school; age-area. Values of the concept.

Recommended reading.—A. L. Kroeber, "Cultural and Natural Areas of North America" (*California University Publications in American Archeology and Ethnography*, Vol. 38, 1939); M. W. Smith, "Culture Area and Culture Depth" (*29th International Congress of America*, 1952); C. Wissler, *The American Indian* (Oxford University Press).

653. 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 II, Special subject Social Anthropology, and Academic Postgraduate Diploma in Anthropology.

(b) There will be a special class for B.Sc. (Econ.) Part II, Special subject Social Anthropology, which graduate students may be permitted to attend.

(c) Regional classes may also be given.

654. Race and Society. This course will be given in the session 1961-62.

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*.

(b) Regional.

655. Social Systems in South East Asia. Professor Firth and Mr. Morris. Sixteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II—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*; 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*; J. Djamour, *Malay Kinship and Marriage in Singapore*.

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 South-eastern 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*.

INDONESIA: B. ter Haar, *Adat Law in Indonesia*; H. Subandrio, *Javanese Peasant Life*; L. H. Palmier, *Power and Status 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*.

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*; C. K. Yang, *A Chinese Village in Early Communist Transition*; J. Cuisinier, *Sumangat*.

656. Ethnography of Central Africa. This course will be given in the session 1961-62.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II—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.—The social systems of Northern Rhodesia and Nyasaland during the last hundred years. The main emphasis will be on the indigenous peoples, but with some reference to immigrant Whites.

Recommended reading.—W. Allan, *Studies in African Land Usage in Northern Rhodesia*; H. M. Gluckman and E. Colson (Eds.), *Seven Tribes in British Central Africa*; M. Wilson, *Good Company*; G. Wilson, *An Essay on the Economics of Detribalization in Northern Rhodesia*; A. I. Richards, *Land, Labour and Diet in Northern Rhodesia*; "Some types of family structure amongst the Central Bantu" in A. R. Radcliffe-Brown and D. Forde (Eds.), *African systems of kinship and marriage*; H. M. Gluckman, *The Judicial Process among the Barotse of Northern Rhodesia*; J. A. Barnes, *Marriage in a Changing Society; Politics in a Changing Society*.

Further reading will be recommended during the course.

657. Ethnography of East Africa. Dr. Mair. Sixteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II—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 tribes in Kenya, Uganda and the Southern Sudan (Bantu, Nilotes and Nilo-Hamites).

Recommended reading.—A. J. Butt, *The Nilotes*; E. E. Evans-Pritchard, *The Nuer; Kinship and Marriage among the Nuer; Nuer Religion*; G. Lienhardt, "The Western Dinka" in J. Middleton and D. Tait (Eds.), *Tribes Without Rulers*; J. Middleton, *Central tribes of the North-eastern Bantu; the Kikuyu, including Embu, Meru, Mbere, Chuka, Mwimbi, Tharaka, and the Kamba of Kenya*; B. Bernardi, *The Mugwe, a Failing Prophet*; G. W. B. Huntingford, *The Nandi of Kenya*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; A. I. Richards (Ed.), *Economic Development and Tribal Change*; L. A. Fallers, *Bantu Bureaucracy*; A. W. Southall, *Alur Society*; J. H. M. Beattie, *The Kingdom of Bunyoro*; A. I. Richards (Ed.), *East African Chiefs*.

658. Ethnography of South Africa. Professor Schapera. Sixteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II—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.—ESSENTIAL: 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*.

659. 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—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: Pacific Islands); students taking Social Anthropology (Pacific Islands) 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*; H. I. Hogbin, *Law and Order in Polynesia*; M. Mead, *Coming of Age in Samoa; Social Organization of Manu'a*; "The Role of the Individual in Samoan Culture" (*Journal of the Royal Anthropological Institute*, lviii, 1928); E. W. Gifford, *Tongan Society*; E. Beaglehole, *Pangai Village in Tonga*; E. and P. Beaglehole, *Ethnology of Pukapuka*; R. W. 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.

660. Ethnography of North American Indians. This course will be given in the session 1961-62.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology.

Syllabus.—Conquest of Mexico and North America. Description of social, economic, political and religious life of North American Indians with emphasis on those aspects which are unique to the Americas. Effects of European contact.

Recommended reading.—R. Linton (Ed.), *Acculturation in Seven American Indian Tribes*, 1940; R. M. Underhill, *Red Man's America*, 1953; C. Wissler, *The American Indian* (Oxford University Press).

FOR GRADUATE STUDENTS

- 661. 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.
- 662. Seminar on Current Anthropological Problems.** A seminar will be held by members of the Department in collaboration with the Anthropology Departments of University College and the School of Oriental and African Studies during the Michaelmas and Lent Terms. Admission by invitation only.
- 663. Seminar on Field Methods.** A seminar for graduate students will be held by members of the Department in the Summer Term.
- 664. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** A seminar will be held throughout the session by Professor Schapera and Mr. MacRae for graduate students of Social Anthropology and Sociology.
- 665. Current Social and Political Problems in the Middle East and North Africa (Seminar).** A seminar for members of the staff and graduate students will be held weekly by Dr. Stirling in the Michaelmas and Lent Terms.
- 666. Social Aspects of Health Problems in Tropical Territories (Seminar).** Dr. Mair and others will hold a seminar for members of the staff and graduate students fortnightly in the Michaelmas and Lent Terms, at the Institute of Commonwealth Studies.

Graduate students should refer to course:

- 591. Constitutional Problems of Federal and Multi-racial States (Seminar).** Held by Dr. Mair and Professor Robinson 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, Tribal Cultures (School of Oriental and African Studies).

DEMOGRAPHY

- 680. Introduction to Demography.** Mr. Carrier. Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (a), and optional for students choosing Optional subject of Economic and Social Problems Treated Statistically.

Class work will be required for this course.

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*.

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. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (a). 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.

Recommended reading.—A. J. Lotka, *Analyse démographique*; E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940).

Detailed references will be given as the course proceeds.

- 682. Elements of Demographic Analysis.** Mr. Hajnal. Fourteen lectures and fourteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Sociology, Option (iv) (a); and of Social Anthropology, Option (v) (f). Optional for B.A./B.Sc. (Sociology) (Second Year).

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*; 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, Lent and Summer Terms. Class work will also be required.

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (a); of Sociology, Option (iv) (a); of Social Anthropology, Option (v) (f). Optional subject for B.A./B.Sc. (Sociology). 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. 680, Introduction to Demography.) 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 the Special subject of Statistics, Option (iv) (a) in Part II of the B.Sc. (Econ.). Other students will be admitted only by permission.

FOR GRADUATE STUDENTS

685. Demography (Seminar). Arrangements will be announced later.

PSYCHOLOGY

700. Introduction to Psychology. Mr. Price-Williams. Twenty lectures, Michaelmas and Lent Terms.

For Social Science Certificate (First Year) and One-Year Course; and for Social Science Certificate (Overseas Option) (First Year); and for Personnel Administration students.

Syllabus.—Scope of modern psychology. Relation with other sciences and disciplines. Historical background, with emphasis on twentieth century. Psychology and Social Work. Methodology and use of statistics. General outline of basic psychological principles in motivation, emotion, learning, thinking and remembering.

The field of psycho-pathology. Classification and description of mental disease. Theories of causation. Treatment. History and methodology of psycho-analysis. Theory and practice of Freudian and neo-Freudian schools. Instinct theories and general developmental psychology.

Theories of intelligence. Principles and application of intelligence tests. Personality formation. Constitutional and cultural aspects of personality. Methods for assessing personality and temperament.

Social factors in cognitive processes.

Recommended reading.—R. Stagner and T. F. Karwoski, *Psychology*; N. L. Munn, *Psychology: The Fundamentals of Human Adjustment*; R. H. Thouless, *General and Social Psychology*; O. L. Zangwill, *An Introduction to Modern Psychology*; A. W. P. Wolters, *The Evidence of our Senses*; R. S. Woodworth, *Contemporary Schools of Psychology*; C. M. Thompson, *Psycho-analysis: Evolution and development*; S. Freud, *Introductory lectures on psycho-analysis*; K. Horney, *New Ways in psychoanalysis*; A. Anastasi and J. P. Foley, *Differential Psychology* (revised edn.); G. W. Allport, *Personality*; R. Fletcher, *Instinct in Man*; D. R. Price-Williams, *Introductory Psychology: An Approach for Social Workers*; H. J. Eysenck, *Uses and Abuses of Psychology*; L. G. Lowrey, *Psychiatry for Social Workers*.

701. General Course in Psychology. Mr. Hotopf. Eighteen lectures, Michaelmas, Lent and Summer Terms.

For B.Sc. (Econ.) Part I (First Year)—Alternative subject of Psychology; B.A./B.Sc. (Sociology) and B.A. in Anthropology (First Year).

Syllabus.—The relation between psychology and the social sciences. Its scope and methods. Instinct theory and the reaction against it. Constitutional correlates of instincts, emotions and drives. Modern theories of motivation in experimental psychology. Role of learning and maturation. Freudian theory of instincts. The historical contribution of psychopathology. Transformation of motives. Personality formation. Memory, forgetting and the psychology of study. Perception and its relation to thinking and insight.

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*.

702. Intelligence and Personality. Dr. Himmelweit and Dr. Oppenheim. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (First Year)—Alternative subject of Psychology; B.A./B.Sc. (Sociology) (First Year); Personnel Administration students.

(a) **Intelligence.** Dr. Oppenheim. Four lectures.

Syllabus.—Principles of scientific method in Psychology. Problems of objective measurement and the development of mental testing. Theoretical assumptions behind the measurement of abilities. Place of intelligence in the total personality.

Methods of assessing intelligence and other abilities.

The distribution, growth and decline of mental abilities. Theories of intelligence.

Applications of intelligence testing to social problems.

(b) **Theories and Assessment of Personality.** Dr. Himmelweit. Six lectures.

Syllabus.—Sphere of personality: temperament, character, cognitive abilities. Theoretical assumptions behind the measurement of personality.

Freudian and other theories of personality. Structure of personality, generality and specificity. Type and Trait theories of personality.

Relation of personality to social background.

Problems of personality assessment. Techniques for assessing temperament and personality: interview, questionnaire, objective and projective personality tests.

Recommended reading.—A. Anastasi and J. P. Foley, *Differential Psychology* (revised edn.); G. W. Allport, *Personality*; C. S. Hall and G. Lindzey, *Theories of Personality*; H. J. Eysenck, *Scientific Study of Personality*; G. Murphy, *Personality*; C. Stacey and M. De Martino, *Understanding Human Motivation*; C. Kluckhohn and H. A. Murray (Eds.), *Personality*; P. E. Vernon, *Personality Tests and Assessments*; G. Lindzey, *Handbook of Social Psychology* (selected chapters); H. J. Eysenck, *Uses and Abuses of Psychology*; A. Barnett, *The Human Species*; L. M. Terman and M. A. Merrill, *Measuring Intelligence*; D. Wechsler, *The Measure of Adult Intelligence*; A. D. B. and A. M. Clarke, *Mental deficiency: the changing outlook*.

703. **Research Methods in Social Psychology.** Dr. Himmelweit and Dr. Oppenheim. Seven lectures, Summer Term.

For B.A./B.Sc. (Sociology) (Second Year). For the Academic Diploma in Psychology; Personnel Administration students.

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. Mosser, *Survey Methods in Social Investigation*.

704. **General Course in Social Psychology.** Dr. Himmelweit and Dr. Oppenheim. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Sociology, Option (iv) (b), and Social Anthropology, Option (v) (c); for B.A./B.Sc. (Sociology) (Third Year) and for Personnel Administration students; for the Academic Diploma in Psychology.

Syllabus.—Relation between individual and social psychology; the place of psychology in the social sciences; social factors in perception and learning.

The process of socialisation: Interpersonal relations in the family, the peer group, the school, and the work situation. Influence on behaviour and outlook of social class and other group memberships; the concept of rôle and status. Communication research and the study of mass media.

The acquisition and change of values and attitudes; the process of judgment formation. Studies of prejudice and of stereotyped thinking. The structure of political attitudes, propaganda and the processes involved in changing attitudes.

Interaction between the individual and the group: experimental studies—therapeutic and field studies with special reference to industrial conflict, other group conflicts and war. The study of leadership.

Recommended reading.—T. M. Newcomb, *Social Psychology*; S. E. Asch, *Social Psychology*; T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (various editions); D. Krech and R. S. Crutchfield, *Theory and Problems of Social Psychology*; G. W. Allport, *The Nature of Prejudice*; R. Centers, *The Psychology of Social Classes*; S. Freud, *Civilisation and its discontents*; *Group Psychology and the analysis of the ego*; D. Cartwright and A. Zander (Eds.), *Group dynamics: Research and Theory*; D. V. Glass (Ed.), *Social Mobility in Britain*; G. Lindzey, *Handbook of Social Psychology* (selected chapters); T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research*; R. J. Havighurst and A. Davis, *Father of the Man*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*; C. I. Hovland and others, *Communication and Persuasion*; C. S. Hall and G. Lindzey, *Theories of Personality*; D. R. Miller and G. Swanson, *The Changing American Parent*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; M. Argyle, *The Scientific Study of Social Behaviour*; B. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; J. W. M. Whiting and I. L. Child, *Child Training and Personality*; R. Taguiri and L. Petrullo, *Person Perception and Interpersonal Behaviour*; W. Schramm, *The Process and Effects of Mass Communication*; W. Brewster Smith, J. Bruner and R. White, *Opinions and Personality*; J. Sprott, *Social Psychology*; D. Harding, *Social Psychology and Individual Values*; E. Tolman, *Behaviour and Psychological Man*; M. Sherif, *Social Psychology at the Cross Roads*.

705. **Social Psychology.** Mr. Price-Williams. Ten lectures, Lent Term.

For Social Science Certificate (Second Year) and One-Year Course; for Social Science Certificate (Overseas Option) (Second Year); and for Personnel Administration students.

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).

- 706. Psychology Classes.** Weekly classes will be held in the Lent Term and fortnightly classes in the Summer Term for students offering Psychology as an Alternative subject for B.Sc. (Econ.) Part I (First Year) and B.A./B.Sc. (Sociology) (First Year).
- 707. Psychology Classes.** Fortnightly classes will be held during the Summer Term for B.A./B.Sc. (Sociology) (Second Year) students.
- 708. Social Psychology Classes.** Fortnightly classes will be held during the Michaelmas and Lent Terms for B.Sc. (Econ.) Part II students taking the Special subjects of Sociology, Option (iv) (b) and Social Anthropology, Option (v) (c).
- 709. Social Psychology Classes.** Fortnightly classes will be held in the Michaelmas and Lent Terms of the third year for students taking B.A./B.Sc. (Sociology).

FOR GRADUATE STUDENTS

- 710. Psychology Seminar.** Dr. Himmelweit. A fortnightly seminar for graduate students will be held throughout the session.
- 711. 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.
- 712. Social-Psychological Aspects of Communication.** Dr. Himmelweit. A weekly seminar will be held in the Lent Term.
- Syllabus.**—Communication theory and its application to social psychological problems. The study of prejudice, rumour, propaganda and attitude change. Experimental work on communication in small groups.
Study of the influence of mass media: radio, television, the cinema, the press.
Application of communication research in selected fields: e.g. mental hospitals, industrial concerns, advertising.
- Recommended reading.**—References will be given during the course.
- 713. Language and Communication.** Mr. Hotopf. Ten lectures, Michaelmas Term.
- For graduate students.
- Syllabus.**—The problems of language as a means of communication, particularly in research. The measures recommended to make its use less misleading. Psychological studies of comprehension within a social context.
- Recommended reading.**—References will be given during the course.
- 714. Language and Culture (Seminar).** A seminar for graduate students will be held by Mr. Hotopf and Mr. Price-Williams in the Summer Term.

SOCIAL SCIENCE AND ADMINISTRATION

- 720. Introduction to Social Policy.** Professor Titmuss. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Social Science Certificate (First Year and One Year Course) and for Social Science Certificate (Overseas Option) (First Year).

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*.

- 721. The Sociology of Medical Care.** Professor Titmuss. Four lectures, Lent Term.

For Social Science Certificate (Second Year and One Year Course); and for Social Science Certificate (Overseas Option) (Second Year). Optional for B.A./B.Sc. (Sociology) (Third Year)—Option I.

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.

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*.

722. Social Administration. Sixteen lectures, Lent and Summer Terms.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Social Science Certificate (First Year and One Year Course); and for Social Science Certificate (Overseas Option) (First Year).

(a) Development of Social Administration. Mr. Donnison. Eight lectures, Lent Term.

Syllabus.—The growth of British social services, statutory and voluntary, and the evolution of methods and principles of social administration since 1830.

Recommended reading.—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*; M. Roof, *Voluntary Societies and Social Policy*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; S. and B. Webb, *English Poor Law History*, Part II; K. B. Smellie, *A History of Local Government*; Local Government Board, *Annual Reports*; Royal Commission on the Poor Laws and Relief of Distress, *Majority and Minority Reports*; *Charity Organisation Quarterly* (Third Series); M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; A. Briggs, *The Age of Improvement*; R. C. K. Ensor, *England, 1870-1914*; C. L. Mowat, *Britain Between the Wars, 1918-1940*.

(b) Principles and Practice of Social Administration. Mrs. Cockburn. Eight lectures, Lent Term.

Syllabus.—A discussion of the principles, functions and methods of administration of the social services.

Recommended reading.—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) (B.P.P., 1942-43, Vol. VI); W. H. Beveridge, *Voluntary Action*; B. S. Rowntree and G. R. Lavers, *Poverty and the Welfare State*; United Nations, IV. Social Welfare, 1950, 10, *Methods of Social Welfare Administration*.

723. Aspects of Social Policy. Members of the Department. Twenty-four lectures, Sessional (beginning in the fifth week of the Michaelmas Term).

For Social Science Certificate (Second Year and One Year Course).

(a) Comparative Aspects of Social Security. Mrs. Cockburn. Three lectures.

Syllabus.—An introduction to the comparative study of social security and a discussion of the approach of different countries to certain problems of social security.

Recommended reading.—International Labour Office, *Approaches to Social Security*; R. S. Mendelsohn, *Social Security in the British Commonwealth*; E. M. Burns, *Social Security and Public Policy*; P. Durand, *La Politique Contemporaine de Sécurité Sociale*; G. R. Nelson and others, *Freedom and Welfare*; Alva Myrdal, *Nation and Family*.

(b) Education. Miss Kydd. Two lectures.

Syllabus.—Current issues in educational administration—finance, selection procedures in education, etc.

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).

(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) The Sociology of Medical Care. Professor Titmuss. Four lectures.

(For detailed syllabus see course No. 721.)

(e) Old Age. Miss Slack. Three 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*; International Association of Gerontology, London, 1954, *Old Age in the Modern World*; P. Townsend, *The Family Life of Old People*; Nuffield Foundation, *Old People*; *The Social Medicine of Old Age*; National Council of Social Service, *Age is Opportunity*.

(f) Housing. Mr. Greve. Three lectures.

Syllabus.—Initially, the lectures will trace the growth of public intervention and responsibility in housing. Most of the discussion will be concerned with housing policies since 1945.

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*; A. R. Kerrell-Vaughan, *Basic Problems of Housing*.

Other suggestions will be made by the lecturer.

(g) 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*.

(h) Youth Service. Mr. Hodge. One lecture.

Syllabus.—The partnership between voluntary and statutory authorities; recruitment and training of youth leaders; youth organisations, clubs, adventure courses, self-programming groups; the ten-year development programme.

Recommended reading.—P. H. K. Kuenstler, *Youth Work in England*; *Citizens of Tomorrow* (Report of the Council of King George's Jubilee Trust); *The Youth Service in England and Wales* (Report of the Albemarle Committee, Cmd. 929, 1960); G. W. Jordan and E. M. Fisher, *Self-Portrait of Youth*; J. Macalister Brew, *Youth and Youth Groups*.

(i) Current Research. Four lectures. Members of the Department.

724. An introduction to the Financial Problems of the Social Services. Dr. Abel-Smith. Five lectures, Summer Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Social Science Certificate (First 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 Certificate in Social Science and Administration (First Year) (Overseas Option), and for Oversea 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; education.

Recommended reading.—R. K. Gardiner and H. O. Judd, *The Development of Social Administration* (2nd edn.); G. Chadwick, *Community Development*; United Nations, Economic and Social Council Document E/C.N. 5/303, *Social Progress thro' Local Action*; ST/TRI/SER. A/10, *Special Study on Social Conditions in Non-Self-Governing Territories*; and E/C.N. 5/301, *International Survey of Programmes of Social Development*; A. N. Agarwala (Ed.), *Indian Labour Problems*; I.L.O. Studies and Reports, Series B (Economic Conditions) No. 38, *Social Policy in Dependent Territories*; I.L.O. No. 29, *Labour Policies in the West Indies*; M. M. Coady, *Masters of their own Destiny*; S. D. Onabamiro, *Food and Health*. Further reading will be indicated.

(b) The Local Community and 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, India and the South Pacific.

Community Organisation in developed territories; settlements, community centres and neighbourhood work in urban areas; rural community action, councils of social service. Development Corporations and New Towns.

Recommended reading.—P. Ruopp (Ed.), *Approaches to Community Development*; United Nations Bureau of Social Affairs, *Social Progress through Community Development*; T. R. Batten, *Communities and their Development*; C. King, *Working with People in Small Communities*; P. du Sautoy, *Community Development in Ghana*; R. Marier, *Social Welfare Work in Jamaica*; S. C. Dube, *India's Changing Villages*; I. and D. Crook, *Revolution in a Chinese Village—Ten Mile Inn*; A. Hillman, *Community Organisation and Planning*; *Annual Reports* of the National Council of Social Service.

(c) Vulnerable Groups in a Changing Society. Mrs. Judd. Seven lectures, Summer Term.

Syllabus.—Waifs and Strays; the handicapped; the delinquent; the position of women.

Recommended reading.—As for (a) above.

726. Development and Social Administration (Seminar). Mrs. Judd and others will hold a seminar throughout the session for Second Year students taking the Certificate in Social Science and Administration (Overseas Option), and for Oversea Service Officers.

727. Some Social Problems of Employment. Miss Seear. Five lectures, Summer Term.

For Social Science Certificate (First Year) and Certificate in Personnel Administration.

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.

728. Aspects of Social Work. Various lecturers. Twenty-two lectures, Lent and Summer Terms.

For Social Science Certificate (First and One Year Course and First and One Year Course (Overseas Option)).

Syllabus.—Ten lectures by practical experts on the rôle of the social worker in certain selected types of social service; two lectures on Community Development and four lectures on Principles and Methods of Group Work, by Mr. Peter Kuenstler; six lectures on Principles and Methods of Case Work, by Mrs. McDougall.

729. The Medical Background of Social Work. Dr. Winner. Ten lectures, Michaelmas Term.

For Social Science Certificate (First Year and One Year Course), the Social Science Certificate (First Year) (Overseas Option).

Syllabus.—The course will be designed to illustrate those medical conditions which lead to a breakdown between an individual and his social environment and those environmental conditions which cause ill-health.

The nature of disease.

Pregnancy, childbirth, abortion, etc. Their physiology and medico-legal and medical implications.

Spread of infection. Infectious diseases and their prevention. Tuberculosis. Venereal disease.

Acute and chronic diseases of heart, lungs and other systems.

The crippling diseases and their social implications. Paralysis, blindness, deafness, epilepsy. Special problems of handicapped children.

The influence of the environment. Mind and body. The effect of illness on personality. Rehabilitation. Psychosomatic and social medicine.

Recommended reading.—Suggestions will be given during the course.

730. 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 and courses:—

Politics and Public Administration.

Psychology.

Sociology.

- No. 8.—Introduction to Economics.
 No. 40.—The Structure of Modern Industry.
 No. 41.—Labour.
 No. 43.—Recent Economic Developments.
 No. 102.—Problems of Applied Economics in Underdeveloped Countries (Overseas option).
 No. 261.—Introduction to Modern English Economic History.
 No. 378.—Law of Labour and of Social Insurance.
 No. 640.—Introduction to Social Anthropology (Overseas option).
 No. 649.—Anthropology and Social Problems (Overseas option).
 No. 751.—Industrial Psychology.
 No. 773.—Child Development.
 No. 837.—Introduction to the Study of Society.
 No. 841.—Comparative Social Institutions.
 No. 848.—The Social Structure of Modern Britain.
 No. 926.—Statistical Method.
 No. 938.—Methods of Social Investigations.

One-Year Graduate Course in Personnel Administration

- 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 students of the one-year Personnel Administration Course.

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.

- 751. Industrial Psychology.** Mr. Rodger. Twenty-five lectures, Sessional.

For students of the one-year Personnel Administration Course.

Syllabus.—The nature of the psychologist's concern with occupational problems in industry and elsewhere. His special interest in human capacities and inclinations. His aims as a scientist, and as a technologist with a collaborative and advisory function. His two main sets of problems, fitting the man to the job (through vocational guidance; personnel selection; occupational training) and fitting the job to the man (through methods development; equipment design; the arrangement of working conditions and rewards). His

criteria of occupational satisfactoriness and satisfaction. His methods of enquiry, particularly his use of systematic observation in controlled and uncontrolled conditions, in the laboratory and on the shop floor. His use of statistics, especially tests of significance.

Recommended reading.—N. R. F. Maier, *Psychology in Industry*; M. S. Viteles, *Motivation and Morale in Industry*; M. L. Blum, *Industrial Psychology and its Social Foundations*; C. H. Stone and W. E. Kendall, *Effective Personnel Selection Procedures*; P. E. Vernon and J. B. Parry, *Personnel Selection in the British Forces*; E. Anstey and E. O. Mercer, *Interviewing for the Selection of Staff*; W. B. D. Brown and W. Raphael, *Managers, Men and Morale*; A. Rodger, *The Seven-Point Plan*; "Industrial Psychology" in *Chambers's Encyclopaedia*.

- 752. Industrial Psychology (Class).** Classes for students attending course No. 751 will be held weekly by Mr. Rodger.

- 753. The Social Organisation of Industry.** Mr. J. H. Smith. Ten lectures, Lent Term.

For students of the one-year Personnel Administration Course; for B.A./B.Sc. (Sociology) (Third Year); and for B.Sc. (Econ.) Part II—Special subject of Sociology.

Syllabus.—This course examines how sociology and allied disciplines are applied to the study 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. Nymman, *Technology and Labour*; C. W. Mills, *White Collar*; R. K. Merton and others (Eds.), *Reader in Bureaucracy*; 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*; E. V. Schneider, *Industrial Sociology*; R. Bendix, *Work and Authority in Industry*; W. H. Whyte, *The Organisation Man*; H. A. Landsberger, *Hawthorne Revisited*.

- 754. Methods of Social Research in Industry (Class).** Mr. Thurley will hold a series of classes during the Michaelmas Term for students who will be undertaking project work for Part B of the Personnel Administration Certificate.

Reference should also be made to the following courses:—

- No. 8.—Introduction to Economics.
 No. 40.—The Structure of Modern Industry.
 No. 41.—Labour.
 No. 43.—Recent Economic Developments.
 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. 261.—Introduction to Modern English Economic History.
 No. 265.—Industrial History.

- No. 378.—**Law of Labour and of Social Insurance.**
 No. 541.—**Political and Social Theory.**
 No. 620.—**Development of Trade Unionism.**
 No. 621.—**Trade Unions in Britain.**
 No. 622.—**Comparative Industrial Relations.**
 No. 624.—**Industrial Relations (Seminar).**
 No. 700.—**Introduction to Psychology.**
 No. 702.—**Intelligence and Personality.**
 No. 703.—**Research Methods in Social Psychology.**
 No. 704.—**General Course in Social Psychology.**
 No. 705.—**Social Psychology.**
 No. 848.—**The Social Structure of Modern Britain.**
 No. 932.—**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*; C. Morris, *Social Case Work in Great Britain* (chap. on Psychiatric Social Work); N. O'Connor and J. Tizard, *The Social Problem of Mental Deficiency*; 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 (Cmd. 169, 1957); 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.** Mr. Wright. Ten lectures, Michaelmas Term.

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*.

- 772. Applied Physiology.** Dr. Gibbons. Eight lectures, Lent Term.

Syllabus.—The integrative action of the nervous system: motor and sensory function. The borderlines of physiology and psychology. Consciousness and its disturbances. The part played by endocrine and other somatic factors in psychological processes, including the responses to emotional stress. Some physiological principles underlying physical treatment in psychiatry.

Recommended reading.—W. B. Cannon, *The Wisdom of the Body*; O. L. Zangwill, *Introduction to Modern Psychology*; S. Cobb, *Emotions and Clinical Medicine*.

- 773. Child Development.** Miss Gardner. Twelve lectures, Michaelmas and Lent Terms.

Also for Social Science Certificate (Second 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.—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*; A. P. Jephcott, *Girls growing up*; O. A. Wheeler, *Youth*; A. L. Gesell and others, *The Child from Five to Ten*; W. D. Wall, *The Adolescent Child*; 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*; D. W. Winnicott, *The Child and the Outside World*.

- 774. Clinical Aspects of Child Development.** Dr. D. W. Winnicott. Fourteen lectures, Michaelmas and Lent Terms.

Syllabus.—Relationships of child psychiatry—paediatrics, education, delinquency, home problems. Observational psychology—dynamic psychology. Child's emotional development and its difficulties—Genetic approach. Development of instincts and of object relationships. Oedipus complex in male and female. Super-ego formation. Latency—puberty. Phantasy and play. Anxiety and guilt. Neurosis.

Specific problems in development—feeding, habit training, sleep. Fear reactions. Obsessional states. Hysteria. Psychoses. Behaviour problems. Relationships with physical disease.

Recommended reading.—L. Kanner, *Child Psychiatry*; D. K. Henderson and R. D. Gillespie, *Textbook of Psychiatry* (6th edn.) (chapter on Psychiatry of Childhood); A. Freud, *The Ego and the Mechanisms of Defence*; *Psychoanalytic Treatment of Children*; A. Aichhorn, *Wayward Youth*; L. Jackson and K. M. Todd, *Child Treatment and the Therapy of Play*; S. Isaacs, *Troubles of Children and Parents*.

775. 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*).

776. The Mentally Subnormal. Dr. Tizard. Five lectures, Lent Term.

Syllabus.—The nature, classification, and social problem of mental subnormality.

777. Psychology of Family Relations. Mrs. Bannister. Six lectures, Lent Term.

Syllabus.—The nature of marital choice; marriage as conscious and unconscious drive towards maturation and 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); V. W. Eisenstein (Ed.), *Neurotic Interaction in Marriage*; Family Discussion Bureau, *Social Casework in Marital Problems*; 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, *Marriage: Studies in Emotional Conflict and Growth*.

778. Group Work in Psychiatric Settings. Various lecturers. Six lectures, Summer Term.

Recommended reading.—S. R. Slavson (Ed.), *The Practice of Group Therapy*; S. H. Foulkes and E. J. Anthony, *Group Psychotherapy*; C. R. Rogers and others, *Client-centred Therapy*; M. S. Jones and others, *Social Psychiatry*; J. L. Moreno, *Who Shall Survive?*; P. H. K. Kuenstler (Ed.), *Social Group Work in Great Britain*; D. Cartwright and A. Zander, *Group Dynamics: Research and Theory*.

779. The Study of Personality. Mr. Price-Williams. Ten lectures, Lent 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.

780. Social Casework. Weekly seminars will be held throughout the session by Mrs. McDougall, Miss Elkan and Mr. Wright.

781. Social Administration and the place of the Social Worker. Weekly seminars will be held throughout the session by Mrs. McDougall, Miss Elkan, Mr. Wright and Mr. Forder.

Field Work Supervisors to the Mental Health Course

Miss I. Bergman } Miss M. Eden } Miss I. Lissman } Mr. E. Myers }	Maudsley Hospital, Denmark Hill, S.E.5. (Adults).
Mrs. B. Bidwell, B.A.	Maudsley Hospital, Denmark Hill, S.E.5. (Children).
Miss H. Horder, B.A. } Miss M. Turnbull, B.A. } Miss M. Weiss, B.A. }	Child Guidance Training Centre, 6, Osnaurgh Street, N.W.1.
Mrs. K. F. A. Edkins	St. George's Hospital, Psychiatric Department, 15, Knightsbridge, S.W.1.
Miss M. Williams	St. Bernard's Hospital, Southall, Middlesex.
Miss I. Forstner } Miss G. Grove, B.A. }	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.

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. Thirty lectures and seminars, Michaelmas, Lent and Summer Terms.

Syllabus.—Principles underlying the practice of social casework are studied throughout, primarily through the medium of detailed case records. During the first term the emphasis is upon the study of clients faced by social difficulties largely outside their own control; in the second term the cases are more complex and involve personal as well as social maladjustment. Social treatment is considered in greater detail in the third term.

An attempt is made throughout to integrate the material both with the students' 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, Lent Term.

Syllabus.—This course deals with broad aspects of mental and nervous illness in childhood and adult life, as well as with mental defect.

804. Mental Health. Mrs. McDougall. Six lectures, Summer Term.

Syllabus.—This course deals with the mental health services and typical problems of mental illness and mental subnormality which the social worker has to meet.

805. The Medical Care of Children. Dr. Davies. Ten lectures, Michaelmas Term.

806. Problems of Health and Disease.

I. Dr. Winner, Miss Butrym and other social workers. Ten lecture-demonstrations, Michaelmas and Lent Terms.

Syllabus.—There is a general introduction on the nature of disease and the organism's reaction to it. The rest of the course consists of a series of lecture-discussions of the disease processes and a series of illustrative cases presented in a social framework so that the social problems to which they give rise can be identified.

II. Various lecturers. Ten lectures, Summer Term.

Syllabus.—This course consists of lectures on diseases of the central nervous system, rheumatism, skin diseases, etc., given by specialists.

807. Social Administration and Social Policy. Mr. Donnison, Miss Bell and Mr. Wright. Sixteen lectures and seminars, Michaelmas, Lent and Summer Terms.

Syllabus.—A study of different approaches to the study of administration, the relation between social policy and administrative structure and processes, changes in administrative organisation, and the contribution made by social workers to the development of administration. Seminars will include discussions of the organisation and functions of agencies in which students do their field work, and the parts played by social workers within these agencies.

Recommended reading.—L. Urwick and L. H. Gulick (Eds.), *Papers on the Science of Administration*; M. P. Follett, *Dynamic Administration*; C. I. Barnard, *The Functions of the Executive*; H. Stein (Ed.), *Public Administration and Policy Development*; H. A. Simon, *Administrative Behaviour*; K. C. Wheare, *Government by Committee*.

808. The Law and Court Procedure. Miss Stone, Mr. Banwell and others. Ten lectures, Lent Term.

Syllabus.—This course deals with the general principles of law and practice (including rules of evidence) in Courts, with particular reference to the constitution, jurisdiction and powers of Magistrates' Courts, including Juvenile Courts. 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—

Criminal Justice Act, 1948;
Children Acts, 1948 and 1958;
Children and Young Persons Acts, 1933, 1938 and 1952;
Magistrates' Courts Act, 1952;
Adoption Act, 1958;

and of the statutes dealing with domestic proceedings and the making of affiliation orders.

During the course students are given an opportunity to stage two "Courts" in which the procedure follows as closely as possible that which would actually occur at the hearing of charges and cases.

Recommended reading.—G. L. Williams, *Learning the Law* (6th edn.) should be read before attending the course.

FURTHER READING.—R. M. Jackson, *The Machinery of Justice in England* (2nd edn.); O. Hood Phillips, *A First Book of English Law* (3rd edn.); W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

809. 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.

810. Casework and the Child Care Service. Mrs. Winnicott. Twelve seminars, Summer Term.

Syllabus.—The structure and methods of operation of the Child Care Services. Recent developments and present trends, including a discussion of the casework problem of meeting needs within the administrative framework of the service as it is today. Case discussion to illustrate these points. Some of the family problems behind applications for reception into care. Methods of care available today and their relative values in relation to the problems presented by children and their parents. Placement, and all the factors influencing it, including parental attitudes. Adoption. Current practice and thinking. Selection of adoptive parents, their motives and attitudes. Problems of illegitimacy. Conclusion and summing up. The focus throughout is on the place of social case-work in the Child Care Services.

811. 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*.

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.

FOR REFERENCE: W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (5th edn.).

Supervisors to the Course in Applied Social Studies

Miss D. D. Adams.	Probation Officer, The London Probation Service.
Miss N. Barnes.	Psychiatric Social Worker, Woodberry Down Health Centre.
Miss K. M. Brown.	Probation Officer, The London Probation Service.
Miss M. Denham.	Child Care Officer, Children's Department, London County Council.
Miss D. L. Gregg.	Almoner Supervisor, Middlesex Hospital.
Miss M. Johnson.	Almoner Supervisor, Middlesex Hospital.
Miss M. Keenleyside, B.A.	Area Secretary, London Family Welfare Association.

Miss A. B. Lloyd-Davies.	Invalid Children's Aid Association.
Mrs. M. Martyr.	Hertfordshire Probation Service.
Miss J. C. Mathias.	Family Caseworker, London Family Welfare Association.
Mr. M. Monger.	Hertfordshire Probation Service.
Miss D. J. Pratt.	Child Welfare Officer, Children's Department, London County Council.
Miss J. Vann.	Child Care Officer, Children's Department, London County Council.
Miss P. Whiffen.	Senior Child Welfare Officer, Children's Department, Essex County Council.
Miss H. Wright.	Almoner Supervisor, Hammersmith Hospital.

SOCIOLOGY

830. The Theories and Methods of Sociology. Mr. Bottomore. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Sociology and Social Anthropology, Option (v) (a); 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: M. Ginsberg, *Sociology; Essays in Sociology and Social Philosophy* (Vols. I and II); *The Psychology of Society*; H. H. Gerth and C. Wright Mills, *Character and Social Structure*; R. Firth, *Elements of Social Organization*; R. M. MacIver and C. H. Page, *Society*; R. H. Lowie, *Social Organization*; R. K. Merton, *Social Theory and Social Structure*; G. C. Homans, *The Human Group*.

(ii) Selected texts and commentaries: L. T. Hobhouse, *Morals in Evolution; Social Development; 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. Bougle, *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, *The Idea of Progress*; "Social Change" in *British Journal of Sociology* (Vol. IX, No. 3, 1958); 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*; R. Aron, *Introduction à la philosophie de l'histoire*; 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*; D. Emmet, *Function, Purpose and Powers*; R. M. MacIver, *Social Causation*; A. R. Radcliffe-Brown, *A Natural Science of Society*.

(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, *Le développement de la société industrielle* (2 parts, mimeographed); *Sociologie des sociétés industrielles* (mimeographed); C. W. Mills, *The Power Elite*; 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—Special subject Sociology (i).

832. Selected Topics in Sociology. Professor Ginsberg. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Sociology; B.A./B.Sc. (Sociology) (Third Year). Also recommended for graduate students who did not take this course for their first degree.

References for reading will be given during the course.

833. Comparative Morals and Religion. Dr. Birnbaum. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Sociology, Option (iv) (d); B.A./B.Sc. (Sociology)—Options I and II (Third Year); B.A. Honours in Anthropology (Third Year) and the Academic Diploma in Anthropology (First Year).

Syllabus.—The development and present position of the sociological analysis of morality and religion. The contributions of psychoanalysis and the sociological study of ideology. Theology, ritual, and religious organisation in the world religions, and their social contexts. The legitimation of morality. Problems of secularisation.

The lectures will deal with Christianity and at least one of the world religions.

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*. (See also the journals *Archives de Sociologie des Religions* and *Social Compass*.)

834. Social Stratification. Mr. Bottomore. Six lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year); and for graduate students.

Syllabus.—The course deals with selected aspects of social stratification: (i) The Indian caste system. The classical caste system and recent changes.

(ii) Social class and social status in modern industrial societies. A consideration of some major theories of class and status. An examination of social stratification in some contemporary societies, principally Britain, France, U.S.A., U.S.S.R.

References for reading will be given during the course.

835. Sociological Theories of War and Revolution. Mr. Bottomore. Six lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Third Year); and for graduate students.

Syllabus.—The study of social conflict. Causes of war and conditions of peace; sociological and psychological aspects. The sociology of revolution.

Recommended reading.—G. Simmel, *Conflict and The Web of Group Affiliations*; L. Coser, *The Functions of Social Conflict*; M. Gluckman, *Custom and Conflict in Africa*; UNESCO, *The Nature of Conflict*; M. Ginsberg, "The Causes of War" in *Essays in Sociology and Social Philosophy*, Vol. I; R. Aron, *War and Industrial Society*; Q. Wright, *A Study of War*.

Further references for reading will be given during the course.

836. Social Structure: An Introductory Course. Dr. Tropp. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (First Year) for Alternative subject Elements of Social Structure; Optional for Diploma in Public Administration (First Year).

Syllabus.—The nature of social science. Sociology and the other social studies. The vocabulary of Sociology. The comparative method in Sociology.

Recommended reading.—G. Simpson, *Man in Society*; L. Silberman, *Analysis of Society*; E. Durkheim, *The Rules of Sociological Method*; W. H. Walsh, *An Introduction to Philosophy of History*; W. E. Moore, *Economy and Society*; E. E. Evans-Pritchard, *Social Anthropology*; E. Chinoy, *Sociological Perspective*; M. Ginsberg, *On the Diversity of Morals* (Part II).

837. Introduction to the Study of Society. Dr. Lockwood. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) (First Year); and Social Science Certificate (Second Year).

Syllabus.—An examination of the basic concepts of sociology. Types of social structure. The nature of sociological generalization and the methods of social investigation. The relationship of sociology to psychology and the other social sciences.

Recommended reading.—E. Chinoy, *Sociological Perspectives*; E. Durkheim, *Rules of Sociological Method*; H. H. Gerth and C. W. Mills, *Character and Social Structure*; M. Ginsberg, *Sociology; On the Diversity of Morals*; R. K. Merton, *Social Theory and Social Structure*, Chaps. 1-3; R. M. MacIver and C. H. Page, *Society*; K. R. Popper, *The Poverty of Historicism*; J. Rumney and J. Maier, *Sociology: The Science of Society*; G. Simpson, *Man in Society*; W. J. H. Sprott, *Sociology*; L. Wilson and W. L. Kolb, *Sociological Analysis*.

The following is recommended as suitable background reading on specific social institutions. It is not intended as an exhaustive reading list.

(a) The Family: N. D. Fustel de Coulanges, *The Ancient City*, Book II; A. R. Radcliffe-Brown and D. Forde (Eds.), *African Systems of Kinship and Marriage*, pp. 1-85; *Encyclopædia Britannica*, London printing, 1955: Article on "Kinship" by J. A. Barnes; O. R. McGregor, *Divorce in England*, Chap. III. (b) Religion: N. D. Fustel de Coulanges, *The Ancient City*, Books I and III; L. T. Hobhouse, *Morals in Evolution*, Part II, Chap. IV; E. O. James,

History of Religions; R. H. Tawney, *Religion and the Rise of Capitalism*; J. M. Yinger, *Religion, Society and the Individual*, Part I (c) Sociological Aspects of Economic Life: H. L. Beales, *The Industrial Revolution*; D. Forde, *Habitat, Economy, and Society*, Chap. 4 or 8, Chap. 10 or 12, Chap. 15; *Encyclopædia of the Social Sciences*: chapter on "Slavery"; R. L. Heilbroner, *The Great Economists*; W. E. Moore, *Economy and Society*; H. Pirenne, "The Stages in the Social History of Capitalism" (*American Historical Review*, Vol. XIX, No. 3, 1914); E. Power, *Medieval People*, Chap. I. (d) Sociological Aspects of Politics: *Encyclopædia of the Social Sciences*: article on "Feudalism: European"; H. Maine, *Ancient Law*, Chap. 8; Articles by R. N. Carew Hunt and R. Lowenthal in *Problems of Communism*, Vol. 7, No. 2, March-April 1958; I. Schapera, *Government and Politics in Tribal Societies*; H. Sidgwick, *The Development of European Polity*, Chaps. 4-11, 14-20; A. de Tocqueville, *The Old Régime and the French Revolution*; *The Third Reich*, Chaps. VIII, XV, XVI and XVII. (e) Social Stratification: *Encyclopædia of Religion and Ethics*: article on "Caste"; M. Halbwachs, *The Psychology of Social Classes*; T. H. Marshall, "The Nature and Determinants of Social Status" (*Yearbook of Education*, 1953); K. Mayer, *Class and Society*. (f) General: A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*, Chaps. IX and X; H. H. Gerth and C. W. Mills, *From Max Weber; Essays in Sociology*, Chap. V; M. Ginsberg, "The Problems and Methods of Sociology" in *Reason and Unreason in Society*; J. Rumney, *Herbert Spencer's Sociology*, Chap. III; J. A. Schumpeter, *Capitalism, Socialism and Democracy*, Part I.

838. The Development of Sociology. Dr. Lockwood. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (First Year).

The course is designed to follow on, and complement, Course No. 837.

Syllabus.—A more detailed treatment of some of the issues raised in the first part of the course; with reference to the development of sociological thought.

Recommended reading.—L. Coser and B. Rosenberg, *Sociological Theory*; N. S. Timasheff, *Sociological Theory*; J. Rumney, *Herbert Spencer's Sociology*; L. T. Hobhouse, *Social Development*; T. B. Bottomore and M. Rubel, *Karl Marx: Selected Writings in Sociology and Social Philosophy*; R. Bendix, *Max Weber: An Intellectual Portrait*.

Other references will be given during the course.

839. Elements of Social Structure Classes. Fortnightly classes will be held throughout the session for B.Sc. (Econ.) Part I (Second Year) students, taking the Alternative subject Elements of Social Structure.**840. Social Structure and Social Change.** Mr. MacRae. Fifteen to twenty hours, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option I (Third Year).

Recommended reading.—R. M. MacIver, *Social Causation*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; 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*; UNESCO, *Social Implications of Industrialization and Urbanization in 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*; C. C. Brinton, *The Anatomy of Revolution*.

841. Comparative Social Institutions. Mr. MacRae (day), Dr. Tropp and Dr. Lockwood (evening). Thirty lectures, beginning in the Summer Term of the first year and continuing during the Michaelmas and Lent Terms of the second year.

For B.A./B.Sc. (Sociology), Option I and Option II, and for B.Sc. (Econ.) Part I. For Social Science Certificate (First Year), Summer Term only; Optional for Diploma in Public Administration (First and Second Years).

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.

842. Political Sociology. Mr. McKenzie. Fifteen lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.A./B.Sc. (Sociology) Option I (Third Year); B.Sc. (Econ.) Part II—Special subject of Sociology. Also recommended for graduate students.

Syllabus.—Political Sociology. Factors in the making of the State. The relations of the State to other institutions. The influence of social and economic conditions on political institutions. Comparative study of party systems. Leadership and the circulation of élites. Sociological and geographical study of representation. The comparative study of political change and revolution.

Recommended reading.—H. Eulau and others, *Political Behaviour*; R. Lipset, *Political Man*; 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*; B. R. Berelson and others, *Voting*; S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology*; 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*; H. J. Laski, *Democracy in Crisis*; 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; 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*.

843. Feudal Society. Professor Plucknett. Five lectures, Lent Term.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.A. Honours in History.

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*.

844. Mediæval Society (Classes). Classes will be held by Dr. Bridbury and Dr. Waley for B.A./B.Sc. (Sociology), Option I students.

845. Environment and Heredity. Professor Glass. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Sociology; 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.

846. Modern England Classes. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II—Special subject Sociology (ii).

847. Introduction to the Social Structure of Modern Britain.
Mr. McKenzie and Dr. Erickson. Twenty-four lectures, Sessional.

For B.A./B.Sc. (Sociology), Option I (First Year).

(a) Historical Introduction to Modern Britain. Dr. Erickson. Fourteen lectures, Michaelmas and Lent Terms.

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*.

(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*.

848. The Social Structure of Modern Britain. Mr. Little, Mr. J. H. Smith, Mr. Westergaard and Dr. Tropp. Sessional.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.Sc.(Econ.) Part II—Special subject of Sociology; and for Social Science Certificate students.

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*; A. M. Carr-Saunders and others, *A Survey of the Social Conditions in England and Wales*; *Report of the Royal Commission on Population* (Cmd. 7695); J. A. Banks, *Prosperity and Parenthood*; O. R. McGregor, *Divorce in England*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); *Report of the Royal Commission on the Distribution of the Industrial Population* (Cmd. 6153); *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*; A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain*; R. V. Clements, *Managers*; 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*; 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*; R. B. Lloyd, *The Church of England in the Twentieth Century*; G. S. Spinks, *Religion in Britain since 1900*; J. Highet, *The Churches in Scotland Today*; W. Friedmann, *Law and Social Change in Contemporary Britain*. Additional reading lists will be given for class work.

849. 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.

850. The Causes and Treatment of Crime. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Sociology, Option (iv) (c); B.A./B.Sc. (Sociology) Option I, (Second Year); for Social Science Certificate students (First Year); optional for the Social Science Certificate (Overseas option) (First Year).

I. Criminology. Mr. Hall Williams. Ten lectures, Michaelmas Term.

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.

Recommended reading.—TEXT BOOKS: H. Jones, *Crime and the Penal System*; E. H. Sutherland, *Principles of Criminology* (5th edn. revised by D. R. Cressey).

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*; S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency*; *Physique and Delinquency*; P. W. Tappan, *Juvenile Delin-*

quency; A. Aichhorn, *Wayward Youth*; C. L. Burt, *The Young Delinquent*; J. Bowlby, *Forty-four Juvenile Thieves*; D. H. Stott, *Delinquency and Human Nature*; 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*; W. Norwood East, *Society and the Criminal*; *The Sutherland Papers* (Ed. A. K. Cohens 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*.

II. Penology. Mr. Hall Williams. Ten lectures, Lent Term.

Syllabus.—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: As for Criminology, with the addition of M. Grünhut, *Penal Reform*; L. W. Fox, *The English Prison and Borstal Systems*; W. A. Elkin, *The English Penal System*.

FURTHER READING: 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*; U.K. Home Office, *Prisons and Borstals* (revised edition, 1957); 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*; G. Sykes, *Society of Captives*; H. J. Klare, *Anatomy of Prison*; H. Ashley Weeks, *Youthful Offenders at Highfields*.

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); 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*; U.K. Home Office, *The Probation Service: its Objects and its Organisation, 1958*; *Time Spent Awaiting Trial, 1960*; 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.

851. (a) **The Causes and Treatment of Crime (Class) I. Criminology.** Fortnightly classes will be held in the Michaelmas and Lent Terms by Dr. T. P. Morris and Mr. Little for students taking the B.A./B.Sc. (Sociology), Option I (Second Year).

(b) **The Causes and Treatment of Crime (Class) II. Penology.** Fortnightly classes will be held in the Lent and Summer Terms by Dr. T. P. Morris and Mr. Little for students taking the B.A./B.Sc. (Sociology) Option I (Second Year).

(c) **The Causes and Treatment of Crime (Class) III. Criminology and Penology.** A weekly class will be held by Mr. Little in the Michaelmas and Lent Terms for students taking the B.Sc. (Econ.) Part II—Special subject of Sociology, Option (iv) (c).

852. **Selected Problems of Criminology and Penology.** Dr. T. P. Morris and visiting lecturers. Sixteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (Third Year) and for students who have already attended Course No. 850 (The Causes and Treatment of Crime). For Social Science Certificate (Probation Officer students only) (Second Year).

Recommended reading.—As for Course No. 850 above. Further literature will be recommended during the course.

853. **The Causes and Treatment of Crime (Seminar).** Mr. Hall Williams and Dr. T. P. Morris will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for third year B.A./B.Sc. (Sociology) students. Admission will be strictly by permission of the lecturer.

854. **Elementary Philosophy and Ethics.** Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (First Year). Subject of Ethics and Social Philosophy.

Syllabus.—This course will describe some of the basic kinds of ethical theory, such as those based on the notion of aim, or of rule, or on psychology, and illustrate it with the actual works of selected moralists such as J. S. Mill, I. Kant, J. Butler and others. It will also discuss some problems such as freedom, the relation of morals to knowledge, or the justification of obligation. The course will also contain an introduction to general philosophy in as far as this is required for the exposition of ethical theories.

Recommended reading.—H. Sidgwick, *Outlines of the History of Ethics for English Readers*; Plato, *Republic*; Aristotle, *The Nicomachean Ethics*; J. Butler, *Sermons on Human Nature*; D. Hume, *Enquiries concerning the Human Understanding and the Principles of Morals*; I. Kant, *Fundamental Principles of the Metaphysics of Ethics*; J. S. Mill, *Utilitarianism*; G. E. Moore, *Principia Ethica*; L. T. Hobhouse, *The Rational Good*; C. D. Broad, *Five Types of Ethical Theory*; A. C. Ewing, *The Definition of Good*; C. H. Waddington, *Science and Ethics*; R. M. Hare, *The Language of Morals*; D. D. Raphael, *The Moral Sense*; A. N. Prior, *Logic and the Basis of Ethics*; A. J. Ayer, *Language, Truth and Logic*; R. G. Collingwood, *An Autobiography*.

Further reading will be recommended during the lectures.

855. **Concepts of Society.** This course will not be given in the session 1960–61.

For 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.

856. **Modern Social Philosophies.** Mr. 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.

- 857. Social Philosophy.** Professor Ginsberg (day). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Sociology and Economic History (Modern), Option (v) (d), Economic History (Medieval), Option (v) (g), and Social Anthropology, Option (v) (b); B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology. For the Academic Diplomas in Anthropology, and Psychology, the Social Science Certificate (Second Year) and the Social Science Certificate (Second Year) (Overseas Option).

Syllabus.—Ethics as applied to problems of social organisation. The theory of justice, distributive and corrective. Rights and duties. The ends and limits of state action. Compulsion and consent. Ethical aspects of marriage and the family. Ethics and the economic structure. Justice between states.

Recommended reading.—T. H. Green, *Lectures on the Principles of Political Obligation*; J. S. Mackenzie, *Introduction to Social Philosophy*; H. J. W. Hetherington and J. H. Muirhead, *Social Purpose*; E. J. Urwick, *The Social Good*; J. A. Hobson, *Wealth and Life*; C. E. Vaughan, *Studies in the History of Political Philosophy*; A. E. Zimmern, *The Greek Commonwealth*; E. Barker, *Political Thought in England, 1848–1914*; *Principles of Social and Political Theory*; H. J. Laski, *A Grammar of Politics*; L. T. Hobhouse, *Elements of Social Justice*; E. F. Carr, *Morals and Politics*; J. Laird, *The Device of Government*; M. Ginsberg, *The Psychology of Society*; K. R. Popper, *The Open Society and its Enemies*; A. P. d'Entrèves, *Natural Law*; L. Stephens, *The English Utilitarians*; J. P. Plamenatz, *The English Utilitarians*.

- 858. Social Philosophy Class.** A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II—Special subjects of Sociology (iii) and of Social Anthropology, Option (v) (b).

- 859. Social Philosophy Classes.** Classes will be held for all B.A./B.Sc. (Sociology) students as follows:
Second Year: Ten classes.
Third Year: Five classes.

- 860. Classes** will be arranged, if required, for students taking the B.Sc. (Econ.) Part II—Special subject Sociology.

- 861. 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

- 862. Sociology (Seminar).** A seminar for graduate students will be held by Professor Glass and others, beginning in the middle of the Michaelmas Term.

- 863. The Sociology of Ideology and Religion (Graduate Seminar).** Lecturer to be announced. Michaelmas and Lent Terms.

In the next few sessions, the seminar will consider the idea of "alienation", as developed by Hegel and Marx. Subsequent treatments of the theme will be reviewed, and the utility of the notion in sociological and social psychological analysis will be examined.

- 864. Criminology (Graduate Seminar).** Mr. Hall Williams will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for graduate students. Admission will be strictly by permission of the lecturer.

- 865. Selected Issues in Contemporary Sociology.** Dr. Tropp and Dr. Lockwood. Lent Term.

For graduate students.

Syllabus.—A consideration of the relationship between sociological theory and empirical research.

Recommended reading.—References will be given during the course.

- 866. Sociology of Occupations and Professions (Seminar).** Dr. Tropp and Mr. Newfield will hold a seminar for graduate students fortnightly throughout the session.

- 867. 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.—B. Chapman, *The profession of government: the public service in Europe*; M. Duverger (Ed.), *Partis politiques et classes sociales en France* (see Introduction); H. Luethy, *The State of France* (trans. from the German by E. Mosbacher); D. M. Pickles, *France: the Fourth Republic*.

Additional references for reading will be given during the course.

- 868. American Society since 1939: selected topics (Seminar).** Mr. S. J. Gould. To be given in the session 1961–62.

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. Communism as a Social Movement (Seminar).** Mr. S. J. Gould. To be given in the session 1961–62.

The following books will be among those discussed in the seminar.—G. A. Almond, *The Appeals of Communism*; G. Arnold, *The Pattern of World Conflict*; R. Aron, *The Opium of the Intellectuals*; H. Cantril, *The Politics of Despair*; R. N. C. Hunt, *The Theory and Practice of Communism*; W. Kornhauser, *The Politics of Mass Society*; W. Z. Laqueur, *Communism and Nationalism in the Middle East*.

- 870. Sociology of Development (Seminar).** Mr. Bottomore will hold a seminar in the Michaelmas and Lent Terms for graduate students. Undergraduates may be admitted by permission of the leaders of the seminar.

871. Mathematical Method for Sociologists (Graduate Seminar).
Dr. Morton. Summer Term.

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.

Note.—The attention of graduate students specialising in Sociology is drawn to the following seminars:

- 558. Problems of Contemporary Socialism (Seminar).** Held by Dr. Miliband in the Michaelmas and Lent Terms, beginning in the fifth week of the Michaelmas Term.
- 587. 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.
- 592. Constitutional Problems of Federal and Multi-racial States (Seminar).** Held by Dr. Mair and Professor Robinson, in the Michaelmas and Lent Terms.
- 664. Seminar on Comparative Social Institutions (Western, Oriental and Primitive).** Held by Professor Schapera and Mr. MacRae throughout the session.
- 665. Current Social and Political Problems in the Middle East and North Africa (Seminar).** Held by Dr. Stirling weekly in the Michaelmas and Lent Terms.
- 959. Design and Analysis of Social Investigations.** Mr. Moser, Miss Gales, Dr. Oppenheim and Mr. Westergaard, throughout the session.

Reference should also be made to the following sections and courses:—

Anthropology.

Demography.

Psychology.

Social Science and Administration.

No. 49.—**Labour: organisation and relations.**

No. 621.—**Trade Unions in Britain.**

No. 753.—**The Social Organisation of Industry.**

No. 926.—**Statistical Method.**

No. 932.—**Social Statistics.**

No. 933.—**Statistical Methods (Sociology).**

No. 938.—**Methods of Social Investigations.**

**STATISTICS, MATHEMATICS, AND
COMPUTATIONAL METHODS**

STATISTICS, MATHEMATICS, AND COMPUTATIONAL METHODS

925. Introduction to Statistical Sources. Professor Allen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (First Year). Optional for Diploma in Public Administration (First Year).

NOTE.—Further treatments of statistical sources and applications are provided in courses Nos. 935, 936, 939 and 680. These are optional courses for day students.

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 use of statistics in the treatment of social problems; and the elements of the technique of social surveys.

Recommended reading.—E. Devons, *An Introduction to British Economic Statistics*; M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom*; 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*; 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*.

926. Statistical Method. Professor Allen. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part I (First Year)—Alternative subject of Statistics, (a) Elementary Statistical Method and Sources, and (b) Elementary Statistical Theory; Optional for Diploma in Public Administration (First Year), and for students attending the Trade Union Studies and Personnel Administration courses.

Syllabus.—The statistical approach; inference from small scale and from mass data. Frequency groups; measures of average and dispersion. Collection and tabulation of data; approximation and error. Time series and index numbers. The simplest ideas of correlation and of estimation and tests of hypotheses.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; A. R. Hiersic, *Statistics and their Application to Commerce*; P. G. Moore, *Principles of Statistical Techniques*; L. R. Connor and A. J. H. Morrell, *Statistics in Theory and Practice* (4th edn.); J. E. Freund and F. J. Williams, *Modern Business Statistics*; P. J. McCarthy, *Introduction to Statistical Reasoning*. Also, for further detail: G. U. Yule and M. G. Kendall, *An Introduction to the Theory of Statistics*; W. J. Dixon and F. J. Massey, *Introduction to Statistical Analysis*.

927. Statistics (First Year Class). Professor Allen, Mr. Booker and others. Fifteen classes, Lent and Summer Terms.

The classes will be held in conjunction with Course No. 926, during the Lent and Summer Terms, and will be taken by Professor Allen, Mr. Booker, Miss Gales, Mr. Moser, Mr. T. M. Smith and Mr. Stuart.

928. Statistics (Second Year Class). Professor Allen, Mr. Booker and others. Ten classes, Michaelmas Term.

The classes will be held to supplement Course No. 926, in the Michaelmas Term of the second year, and will be taken by Professor Allen, Mr. Booker, Miss Gales, Mr. Moser, Mr. T. M. Smith and Mr. Stuart.

929. Elementary Statistical Theory. Mr. Hajnal. Twenty lectures and five classes, Sessional.

For B.Sc. (Econ.) Part I (Second Year)—Alternative subject of Statistics, (b) Elementary Statistical Theory.

Syllabus.—Elementary mathematical theory of probability. The standard frequency distributions. Sampling distributions. Estimation and tests of significance. Correlation and regression. Analysis of variance.

Recommended reading.—B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, a New Approach*; J. Neyman, *First Course in Probability and Statistics* (Chaps. 1, 2 and 5).

930. Statistics (Specialist Class). Professor Allen and Mr. Booker. Twenty-five classes, Sessional.

Attendance at these classes will be confined to those students in their second year proposing to take the Special subject of Statistics, or the Special subject of Computational Methods, in the B.Sc. (Econ.) Part II.

931. Applied Statistics. Mr. Booker. Twenty-one lectures, Sessional.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade, Option (iv) (b); and Accounting, Option (v) (c). Other students may attend by arrangement with Mr. Booker.

Syllabus.—The object of this course is to make students familiar with the practical problems encountered in collecting, tabulating, and interpreting statistics, and competent to use statistics in commerce, industry, research, etc. Students will work, singly or in groups, on projects involving the collection of raw data from published sources, by observation, by questionnaire, and by interview, and the tabulation, interpretation, and presentation of the statistics so obtained. In these projects, the problems to be solved will simulate, as far as possible, some of those encountered in business.

The course will assume a knowledge of the topics of Course 925, Introduction to Statistical Sources, and Course 926, Statistical Method, and will treat most of them in somewhat greater practical detail. It will include the representation of statistics by charts, diagrams, averages, measurements of dispersion and association, and index-numbers; the practical aspects of sampling and the use of simple tests of significance; the design of blank forms and questionnaires; the sources and interpretation of published economic, financial, and business statistics, and their adaptation to specific problems; the use of mechanical calculating and tabulating equipment; the writing of memoranda and reports based on statistical data. Students should also attend Course 130, Elements of Consumer Market Research.

A knowledge of mathematics (other than elementary algebra) or mathematical statistics is not necessary.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; F. E. Croxton and D. J. Cowden, *Applied General Statistics*; F. C. Mills, *Statistical Methods*; G. Yule and M. G. Kendall, *Introduction to the Theory of Statistics* (selected chapters will be mentioned during the course).

Students should examine, for the nature of their content and forms of presentation, the U.K. *Annual Abstract of Statistics*, the U.K. *Monthly Digest of Statistics*, and other U.K. official publications; the United Nations *Statistical Yearbook* and *Monthly Bulletin of Statistics*; the "London and Cambridge Economic Bulletin" in *The Times Review of Industry* for March, June, September and December; and any other publications (such as the *Economist*) in which statistical data are presented or discussed.

932. Social Statistics. Mr. Moser and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (d) and of Social Anthropology, Option (v) (g); for B.A./B.Sc. (Sociology) (Second Year); for students attending the Personnel Administration Course; Optional for 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.

933. Statistical Methods (Sociology). Forty hours extending over three sessions.

(a) Mr. Carrier. Twenty hours, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (First Year).

(b) Miss Gales. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Second Year).

(c) Mr. Moser. 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. Time series. 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. Illersic, *Statistics*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; A. Bradford Hill, *Principles of Medical Statistics*; F. N. David, *A Statistical Primer*; 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*.

934. Mathematics. Mr. Durbin and Miss Gales (Day) and Mr. T. M. Smith (Evening). Fifty lectures and fifty classes (two hours per week), extending over two sessions.

For B.Sc. (Econ.) Part I—Alternative subject.

Syllabus.—Limits and the elementary theory of convergence of series. Differentiation and integration of functions of one variable. Expansion of functions; Taylor's and Maclaurin's theorems. Maxima and minima of functions of one variable. Differentiation and integration of functions of two or more variables and elementary applications. The simplest differential and difference equations.

Finite differences and applications to interpolation, summation, numerical differentiation and integration. The elements of the theory of determinants and matrices. The simplest properties of complex numbers. Gamma and Beta functions.

Recommended reading.—J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; G. H. Hardy, *A Course of Pure Mathematics*; J. Blakey, *University Mathematics*; J. M. Hyslop, *Infinite Series*; W. L. Ferrar, *A Text-book of Convergence; Algebra*; S. Goldberg, *Introduction to Difference Equations*.

935. National Income and Capital. Mr. Booker. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (c)—Economic Statistics and of Computational Methods, Option (e); and optional for other Special subjects. Also 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*; C. G. Clark, *National Income and Outlay*; A. L. Bowley (Ed.), *Studies in the National Income, 1924-38*; 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. L. Chapman, *Wages and Salaries in the United Kingdom, 1920-1938*; 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.

936. International Balance of Payments. Professor Allen. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (c)—Economic Statistics and of Computational Methods, Option (e); and optional for other Special subjects. Also 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 problems arising therefrom. 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*; League of Nations and United Nations Publications (*Balance of Payments, Review of World Trade, World Economic Survey, Statistical Year Book*); U.K. *Balance of Payments, 1956 to 1959* (Cmnd. 861); *Economic Survey for 1960* (Cmnd. 976); 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*.

937. Introduction to Econometrics. Mr. Corlett and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (c)—Economic Statistics and of Computational Methods, Option (e); and optional for other Special subjects. Also recommended for graduate students.

Students are recommended to attend Course No. 24 also.

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: A Survey of Contemporary Economics*; G. Tintner, *Econometrics*; R. G. D. Allen, *Mathematical Economics*; J. Tinbergen, *Statistical Testing of Business-Cycle Theories*, 2 Vols., League of Nations; R. Stone, *Consumers' Expenditure and Behaviour in the United Kingdom, 1920-1938*; S. J. Prais and H. S. Houthakker, *The Analysis of Family Budgets*; T. C. Koopmans, "Statistical Estimation of Simultaneous Economic Relations" (*Journal American Statistical Association*, 1945); P. H. Douglas, "Are There Laws of Production?" (*American Economic Review*, March, 1948); J. Marschak and W. H. Andrews, "Random Simultaneous Equations and the Theory of Production" (*Econometrica*, 1944); L. R. Klein, "Economic Fluctuations in the United States, 1921-41" (*Cowles Commission Monograph* 11, 1950); National Bureau of Economic Research, *Conference on Business Cycles*; T. C. Koopmans, *Activity Analysis of Production and Allocation*.

938. Methods of Social Investigations. Mr. Moser. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (d)—Social Statistics; and optional for other Special subjects. For B.A./B.Sc. (Sociology) (Third Year). Optional for the Social Science Certificate (Second Year), and for Diploma in Public Administration. Also recommended for graduate students.

Syllabus.—The nature and evolution of social investigations. Contemporary survey work. Surveys of environment, behaviour and opinions. The planning of surveys. Background of sampling theory. Sample design and sampling techniques. Non-sampling errors and bias. Methods of collecting the data:—documents, observation, mail questionnaires, interviewing. Questionnaire design. The processing, analysis and interpretation of data.

Recommended reading.—F. C. Bartlett and others (Eds.), *The Study of Society*; 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); M. Jahoda and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioral 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*.

939. Labour Statistics. Mr. Booker and Mr. Moser. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (c)—Economic Statistics and (d) Social Statistics and of Computational Methods, Option (e); and optional for other Special subjects. For students attending the Trade Union Studies course. Also recommended for graduate students.

Syllabus.—Statistics of employment and unemployment, output, productivity, wages, earnings and the cost of living. Special problems such as absenteeism, labour turnover, short-time and over-time working.

Recommended reading.—U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources, No. 1, Labour Statistics* (H.M.S.O. Publication); *Ministry of Labour Gazette*; T. Barna, "A Manpower Budget for 1950" (*London and Cambridge Economic Service Bulletin*, Vol. 23); 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*); J. L. Nicholson, "Earnings, Hours and

Mobility of Labour" (*Bulletin of the Oxford University Institute of Statistics*, Vol. 8); *Economic Survey for 1953* (Cmd. 8800); *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); L. Rostas, *Comparative Productivity in British and American Manufacturing Industry*; *Census of Production Reports*; London and Cambridge Economic Service, *Memoranda and Bulletins*; *Bank of England Statistical Summaries*; *Secretary of Mines Reports*; *Ministry of Fuel and Power Digests*; *Agricultural Returns*; *Reports of Cost of Living Advisory Committee* (B.P.P. 1946-47, Vol. X, and 1950-51, Vol. XI, Cmd. Nos. 7077, 8328, 8481).

940. Compound Interest. Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (b)—Actuarial Statistics and of Computational Methods, Option (d). 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*.

941. Actuarial Statistics. Mr. Haycocks. Fifteen lectures and ten classes, Sessional (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II—Special subjects of Statistics, Option (iv) (b)—Actuarial Statistics and of Computational Methods, Option (d).

Syllabus.—Elementary Life Contingencies; some statistical properties of the Life Table and Life Table functions; Exposed to Risk formulas; Graduation; the Theory and Construction of Multiple Decrement Tables.

Recommended reading.—R. E. Larson and E. A. Gaumnitz, *Life Insurance Mathematics*; P. F. Hooker and L. H. Longley-Cook, *Life and other Contingencies*, Vols. I and II; H. Tetley, *Statistics and Graduation* (*Actuarial Statistics*, Vol. I); H. W. Haycocks and W. Perks, *Mortality and other Investigations*, 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*.

Statistics and Computational Methods: General Note

For the Special subject of Statistics all students should take courses Nos. 942-944 inclusive. For the Special subject of Computational Methods, all students should take courses Nos. 948 and 949. The other courses in the following section are optional. The choice of courses to be taken should be made in consultation with Professor Allen and Professor Kendall.

942. Probability and Distribution Theory. Mr. Stuart. Twenty-five lectures and ten classes, Michaelmas and Lent Terms.

Syllabus.—Probability. Frequency and Generating Functions. Distribution- and frequency-functions. Moment-generating and characteristic function. Laws of Large Numbers and Central Limit theorems. Transformations. The calculus of expectations. 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 (6th edn.).

943. Theory of Statistical Methods. Mr. Quenouille. Twenty lectures, Lent Term.

Syllabus.—Applications of normal distribution theory. Chi-squared test. Regression and correlation analysis. Analysis of variance and covariance. Transformations of variables.

Recommended reading.—C. E. Weatherburn, *A First Course in Mathematical Statistics*; A. M. Mood, *Introduction to the Theory of Statistics*; M. H. Quenouille, *Introductory Statistics*.

944. Estimation and Tests of Hypotheses. Mr. Stuart. Twenty-five lectures, Lent and Summer Terms.

Syllabus.—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Lower bounds for sampling variance. 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. Sequential methods.

Recommended reading.—A. M. Mood, *Introduction to the Theory of Statistics*, Chaps. 8, 11, 12; P. G. Hoel, *Introduction to Mathematical Statistics*, especially Chaps. 2 and 10; A. Wald, *Sequential Analysis*.

945. Theory of Sample Surveys. Mr. Durbin. Ten lectures, Michaelmas Term.

Syllabus.—Simple random sampling; stratification and clustering; multi-stage sampling. Optimal 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*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*.

946. Introduction to Quality Control. Mr. Booker. Eight lectures, Michaelmas Term.

Syllabus.—Testing of industrial products and processes. Inspection by 100 per cent. screening and sampling, of raw materials, end products and during manufacture. Continuous processes. Allowable variation. Need of warning that a process is getting out of control before rejection of the product becomes necessary. Control charts and specification limits; single, double and sequential sampling. Necessity of maintaining a reasonable balance between quality and cost and between the various qualities that are desired. Tests which only indicate some of the qualities desired.

Recommended reading.—W. A. Shewhart, *Economic Control of Quality of Manufactured Product*; N. L. Enrick, *Quality Control*; E. L. Grant, *Statistical Quality Control*; E. H. Sealy, *A First Guide to Quality Control for Engineers*; A. Wald, *Sequential Analysis*; B. P. Dudding and W. J. Jennett, *Quality Control Charts*; Columbia University, Statistical Research Group, *Sequential Analysis of Statistical Data and Sampling Inspection*; K. A. Brownlee, *Industrial Experimentation*.

947. Analysis of Time Series. Mr. Quenouille. Ten lectures, Summer Term.

Syllabus.—The study of seasonal movements, oscillatory movements and trends in time series. Moving Averages. Curve fitting. Autoregressive systems. Correlogram and Periodogram analyses. Tests for serial and cross correlation. Adjustment for the effects of serial correlation.

Recommended reading.—M. H. Quenouille, *Associated Measurements*; G. U. Yule and M. G. Kendall, *An Introduction to the Theory of Statistics* (chapter on time-series).

- 948. Numerical Analysis.** Dr. Foster. Twenty lectures and ten classes, Michaelmas and Lent Terms.

Syllabus.—Principles of construction and use of digital computers, analogue computers and punched-card equipment. Principles of programming.

Evaluation of formulæ, finite differences, 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*; D. D. McCracken, *Digital Computer Programming*; R. K. Livesley, *Automatic Digital Computers*; M. V. Wilkes, *Automatic Digital Computers*.

- 949. Management Mathematics.** Dr. Foster and Mr. Finch. Ten lectures and five classes, Michaelmas Term.

Students are recommended to attend Courses No. 21, 24 and 961.

Syllabus.—The basic mathematical techniques for problems of decision-making in business and industry. Probability methods in stock control and queueing problems. Replacement theory. Computer simulation of complex organisations. Dynamic programming.

Recommended reading.—P. M. Morse, *Queues, Inventories and Maintenance*; M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; H. Chernoff and L. E. Moses, *Elementary Decision Theory*.

- 950. Advanced Mathematics.** Mr. Durbin and Mr. Finch. Twenty lectures and ten classes, Michaelmas and Lent Terms.

Syllabus.—Vector spaces. Matrix Algebra. Quadratic forms. n -dimensional geometry of lines, planes and quadrics. Functions of several variables. Multiple integrals. Functions of a complex variable. Fourier series and integrals. Laplace transforms.

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*; E. G. Phillips, *Functions of a Complex Variable*.

- 951. Design of Experiments.** Mr. Quenouille. Six lectures, Summer Term.

Syllabus.—Principles of experimental design. Randomised blocks, Latin squares, Factorial designs.

Recommended reading.—D. R. Cox, *Planning of Experiments*; R. A. Fisher, *The Design of Experiments*; M. H. Quenouille, *The Design and Analysis of Experiment*.

FOR GRADUATE STUDENTS

- 952. Calculus of Probability.** This course will not be given in the session 1960-61.

For graduate students.

Syllabus.—Basic Rules. Algebra of Probability. Problems of Repartition. Probability in a continuum. Limit Theorems. History of the Calculus of Probabilities. Axiomatisation.

Recommended reading.—J. V. Uspensky, *Introduction to Mathematical Probability*; W. Feller, *An Introduction to Probability Theory and its Applications*; I. Todhunter, *A History of the Mathematical Theory of Probability*; R. Deltheil, *Probabilités Géométriques*.

- 953. Geometry of n Dimensions.** Professor Kendall. Ten lectures, Michaelmas Term.

For graduate students.

Syllabus.—Notion of dimension. Coordinates in n dimensions. Varieties. Linear subspaces and angles. Distances and Volumes. Hyperspheres, hyperquadrics and polytopes. Applications to statistical distributions and multivariate analysis.

Recommended reading.—D. M. Y. Sommerville, *An Introduction to the Geometry of n Dimensions*.

- 954. Stochastic Processes.** Dr. Foster, Dr. Morton and Mr. Finch. Fifteen lectures, Lent and Summer Terms.

For graduate students. Optional for B.Sc. (Econ.) Part II—Special subjects of Statistics (i) and Options (f) and (h) and Computational Methods (ii), and Options (a) and (b).

Syllabus.—Discrete and continuous processes. Stationary and evolutionary processes. Ergodic theory. Markov processes. Applications.

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*.

- 955. Advanced Theory of Testing Hypotheses.** This course will not be given in the session 1960-61.

For graduate students and optional for B.Sc. (Econ.) Part II students—Special subject of Statistics (ii).

Syllabus.—Composite hypotheses: the structure of similar regions. Completeness and sufficiency. Similar and unbiased regions. Uniformly most powerful unbiased tests for the exponential family of distributions.

Recommended reading.—E. L. Lehmann, *Testing Statistical Hypotheses*.

Note.—The course will presuppose knowledge of the material of Course No. 944: Estimation and Tests of Hypotheses.

- 956. Distribution-free Methods.** Mr. Stuart. Ten lectures, Summer Term.

For graduate students and optional for B.Sc. (Econ.) Part II students—Special subject of Statistics (ii).

Syllabus.—Non-parametric problems with distribution-free solutions. Tests of independence, randomness and homogeneity. Tests and intervals for location parameters. Consistency and efficiency properties.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. 2; E. L. Lehmann, *Testing Statistical Hypotheses*.

Note.—The course will presuppose knowledge of the material of Course No. 944.

- 957. Theory of Statistical Transformations.** Mr. Quenouille. Six lectures, Summer Term.

For graduate students. Optional for B.Sc. (Econ.) Part II—Special subject of Statistics (ii).

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*.

958. Survey of Operational Research. Dr. Foster, Dr. Morton, Dr. Land. Ten lectures, Lent Term.

For graduate students and others interested in the subject.

Syllabus.—The historical development of operational research. The main ideas: scientific approach to problems of planning and management; emphasis on formal analysis and quantitative methods; the need for inter-disciplinary study. Techniques most frequently used, including mathematical programming, queueing, stock control, simulation. Related disciplines.

Recommended reading.—M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; C. W. Churchman, R. L. Ackoff and E. L. Arnoff, *Introduction to Operations Research*; P. M. Morse and G. E. Kimball, *Methods of Operations Research*; J. F. McCloskey and F. N. Trefethen, *Operations Research for Management*.

959. Design and Analysis of Social Investigations. Mr. Moser, Miss Gales, Dr. Oppenheim and Mr. Westergaard. One hour per week, Sessional.

For graduate students in Sociology, Statistics, Psychology, etc. Attendance by arrangement with Mr. 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: M. Jahoda 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*.

Classes, Practicals and Seminars: General Note

For students taking the Special subject of Statistics and the Special subject of Computational Methods; and for graduate students (by permission of Professor Allen or Professor Kendall).

960. Theory of Statistics Class. Professor Kendall. Two hours per week, Sessional.

961. Computational Methods Class. Dr. Foster and others. Two hours per week, Sessional.

962. Economic and Social Statistics Class. Professor Allen. Two hours per week, Sessional.

963. Social Statistics and Survey Methodology Class. Mr. Moser. One hour per week, Sessional.

964. Statistics, Evening Classes. Mr. Booker, Mr. Durbin, Mr. Moser and Mr. T. M. Smith. Sessional.

965. Statistics, Practical Class. Mr. Quenouille and Mr. T. M. Smith. Two hours per week, Sessional.

966. Punched Card Equipment, Practical Class. Mr. Booker. Six hours in the Michaelmas Term.

For graduate students. Admission is limited and permission to attend the course must be obtained from the lecturer.

Syllabus.—An introduction to punched card equipment and machine methods of analysis. A practical course for three periods of two hours each.

967. Theory of Statistics (Graduate Class). Professor Kendall, Mr. Stuart and others. Two hours per week, Sessional.

968. Computational Methods (Graduate Class). Dr. Foster. Two hours per week, Sessional.

For graduate students. Admission by permission of Dr. Foster.

969. Statistics (Graduate Seminar). Professor Allen and Professor Kendall will hold a fortnightly seminar during the session. Admission will be by permission of Professor Allen or Professor Kendall.

970. Operational Research (Graduate Seminar). Professor Kendall and Dr. Foster will hold a fortnightly seminar during the session. Admission will be by permission of Professor Kendall.

Students attending this seminar should also refer to course No. 28—Linear Programming Seminar, held by Dr. Morton.

Reference should also be made to the following courses:—

No. 16.—**Economic Theory Treated Mathematically.**

No. 17.—**Introductory Mathematical Economics.**

No. 21.—**Dynamic Process Analysis.**

No. 680.—**Introduction to Demography.**

No. 681.—**Mathematics of Population Growth.**

No. 682.—**Elements of Demographic Analysis.**

No. 683.—**Population Trends and Policies.**

PUBLICATIONS OF THE SCHOOL

PUBLICATIONS OF THE SCHOOL

The School publishes a quarterly journal, *Economica*, and a series of reprints of scarce works. All editorial and business communications for these publications should be addressed to the Publications Department of the School.

The School also publishes books, monographs and pamphlets written by members of its staff and research students. Editorial communications for these publications should be addressed to the Publications Committee of the School, but copies of them should be ordered from the publishers named.

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 W. T. Baxter, Professor E. H. Phelps Brown, Professor E. Devons, Professor F. J. Fisher, Professor F. W. Paish, Professor A. W. Phillips, Professor Sir Arnold Plant, Professor Lord Robbins, Professor R. S. Sayers and Professor B. S. Yamey (Acting Editor), with Mr. M. H. Peston 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 to the Publications Department.

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 Mr. 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. 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.

French Banking Structure and Credit Policy. By J. S. G. WILSON. 1957; viii, 453 pp. Cloth, 45s. net.

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.

iv. 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*)

8. Elements of Statistics. By the late SIR ARTHUR LYON BOWLEY, C.B.E., Sc.D., Cobden and Adam Smith Prizeman, Cambridge; Guy Gold Medallist of the Royal Statistical Society; Newmarch Lecturer, 1897-98 and 1927-28; Emeritus Professor of Statistics in the University of London. Sixth edn. (3rd impression), 1948; vi, 503 pp., Demy 8vo, cloth. 35s. net. *Staples Press.*

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 the late 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. 12s. 6d. 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, 297 pp., Crown 8vo, cloth. 10s. 6d. net.

Routledge and Kegan Paul Ltd.

103. Economic Development of the British Overseas Empire, Vol. II. By the late LILIAN C. A. KNOWLES, M.A., LL.M. (Cantab.), Litt.D., and C. M. KNOWLES, LL.B. 1930; pp. xxiv, 616, Demy 8vo, cloth. 16s. 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 the late 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 Professor 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 1956), 548 pp., Demy 8vo, cloth. 24s. 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. SCHAPERLA. 1952; vi, 133 pp., with map. Paper bound, quarto, 15s. 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.

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, 13s. 6d. 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. 1955; 151 pp., with diagrams. Cloth, octavo, 25s. net.

Earlier numbers, listed below, are now out of print:

1. **The Work of the Gods in Tikopia. Vol. I.** By R. 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 R. 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. SCHAPERA. 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.

Series of Bibliographies

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-IX £4 each (except volume VI, which is out of print); volumes X and XI £5 each. A microcard edition of volume VI is obtainable from J. S. Canner and Co., 46, Millmont Street, Boston 19, Massachusetts, U.S.A., at \$12.50.

Monthly List of Additions. 25s. a year.

Orders should be sent to *The British Library of Political and Economic Science.*

**v. 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.)

1. Pure Theory of Foreign Trade and Pure Theory of Domestic Values. By ALFRED MARSHALL. (1879.) 1930, reissued 1935, 1949; 28, 37 pp. 5s. 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.

**Series of Reprints of Scarce Works on Political
Economy**

1. Industrial Combination. By D. H. MACGREGOR, M.A. (1906.) 1935; re-issued 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.

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.

10. The English Utilitarians. By LESLIE STEPHEN. (1900.) 1950; Vol. II. James Mill, vi, 382 pp.

11. The English Utilitarians. By LESLIE STEPHEN. (1900.) 1950; Vol. III. John Stuart Mill, vi, 525 pp. £2 2s. per set.

12. London Life in the Eighteenth Century. By M. DOROTHY GEORGE. (1925.) 1930, 1951; 468 pp. Full bound, 15s. od.

13. Economic Writings of Francis Horner in The Edinburgh Review, 1802-1806. Edited with an Introduction by Frank W. 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.

vi. 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. This decennial volume includes lectures 11-20 delivered from 1941 to 1950, as follows:—

11. The Three Laws of Politics. R. G. COLLINGWOOD, F.B.A., LL.D.

12. The Biological Basis of Human Nature. A. M. CARR-SAUNDERS, M.A.

13. Men and Moral Principles. L. SUSAN STEBBING, M.A., D.Lit.

14. Science and Administration in Modern Government. HERBERT S. MORRISON, P.C., M.P.

15. The Making of Social Policy. H. L. BEALES, M.A.

16. Religion and Science: A Diagnosis. CHARLES E. RAVEN, D.D.

17. The Life-Work of J. A. Hobson. H. N. BRAILSFORD, M.A., LL.D.

18. Principles and Ideals in Politics. G. C. FIELD, M.A., D.Litt., F.B.A.

19. **Social Worlds of Knowledge.** V. GORDON CHILDE, D.Litt., D.Sc., F.B.A.
20. **Human Law and the Laws of Nature in China and the West.** JOSEPH NEEDHAM, F.R.S.

Some of these lectures can still be obtained separately.

These lectures continue to be delivered annually under the Hobhouse Memorial Trust and will be published separately in the first instance, subsequently appearing in a third decennial volume. The following lectures in this third series have already been published:

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.

vii. Annual Survey of English Law 1928-1940

The Survey of English Law was prepared annually by the School from 1930 to 1940 inclusive. The annual bulletins give an account of the development of English legislation, case law, and legal literature over this period. They are intended for the use of English and foreign law teachers and students and also for legal practitioners.

The Survey is divided into the following parts: (1) Jurisprudence; (2) Legal History; (3) Constitutional Law; (4) Administrative Law; (5) Family Law and the Law of Persons; (6) Property and Conveyancing; (7) Contract; (8) The Law of Tort; (9) Mercantile Law; (10) Industrial Law; (11) Evidence; (12) Civil Procedure; (13) Criminal Law and Procedure; (14) Conflict of Laws; (15) International Law and Conventions.

Each part (except (1) and (2)) is sub-divided into three sections: (a) Legislation; (b) Case Law; (c) Bibliography.

The Survey is the collective work of the teachers of Law at the School.

Copies of the issues for 1932 to 1940, inclusive, can be obtained on application to the publishers, Sweet & Maxwell, Ltd.

Copies of the issues for 1928 and 1929 can be obtained from the School.

PART IV
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. In March 1950, *The British Journal of Sociology*, a new quarterly journal, was established and is published for the School by Routledge and Kegan Paul, Ltd. 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.

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 R. S. 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.

In addition to this series of studies a detailed enquiry 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 have also undertaken 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. 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. have provided a grant to cover the costs of this study. The first round of this follow-up has been completed and the second round is now being conducted.

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 advisor 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 and the Population Council and it will now be possible to continue the survey until the children reach the age of 15 years. Reports on the survey include 22 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 primary school period, is now in preparation. The Committee is also co-operating with the Scottish Council for Research in Education in their follow-up survey of Scottish school children. A study of changes in marriage and divorce in England and Wales over the past hundred years is being undertaken, and several reports have been prepared. 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, the fieldwork for which has been completed.

The **Research Techniques Division** has no precise terms of reference and ranges over a wide field; but broadly speaking it is concerned with the gathering and analysis of information and the testing of scientific hypotheses in economics, sociology, social psychology and related fields.

The Division was set up in 1949, under the directorship of Professor M. G. Kendall, with the aid of a grant from the Nuffield Foundation. In subsequent years additional funds have been made available by the School and by generous grants from a number of sources, principally the Ford Foundation and the Nuffield Foundation. Some of the staff

are full-time research officers, others are teaching members of the School staff who are associated with particular projects and others again are outside consultants. The Division has its own specialist Library which was founded with the aid of a grant from the Leverhulme Foundation.

The work of the Division falls mainly under the following headings: (1) survey methodology, (2) dynamic process analysis, (3) operational research, (4) statistical methodology and (5) bibliographical work.

Survey Methodology

The Survey Research Unit carries out studies of the nature and extent of errors in the conduct of social surveys in order to devise methods of reducing them and of validating the final results. It has, for example, published studies of the sampling problems involved, of the effect of using amateur interviewers, of coding errors and of the way in which response varies with the type of question asked.

The current projects of the Unit are concerned with the study of the psychological aspects of survey work and studies are being conducted on respondent memory, on characteristics of volunteers for panels and for participation in group work, and on the adequacy of mailed questionnaires. In these inquiries the Unit works in close contact with professional agencies and this useful liaison ensures that the research effort of the Division is directed into channels where it is likely to be most useful in practice.

Dynamic Economics

The aim of this project is to investigate the dynamic properties of economic systems and the problem of economic regulation. This involves bringing the postulated relationships of economic theory to an explicit form for quantitative study; investigating the properties of the models which can then be written down; in particular finding methods of estimating the actual values of relationships from real data; testing the models against actual data; and the use of models in the regulation of economic systems to meet desired objectives. Substantial progress has been made on these lines of investigation and results of some of the work have already been published.

The Dynamic Economics project is essentially of a long-term nature and although a great deal of work has been done, much more lies ahead. Some of the work is done in collaboration with the Statistical Institute of the Consolidated University of North Carolina and has been the means of setting up a very fruitful interchange with that Institute.

Operational Research

Operational Research may be briefly defined as the development of scientific methods in problems of industry, commercial and social

activity. The Division was naturally led into this domain by its interest in statistical and mathematical methods, and problems of congestion, queuing, storage and life-testing are being studied. Teaching in this subject has been developing during the year and special courses which have been arranged by the School have proved successful and will doubtless lead to the development of teaching in Operational Research over the next few years. A fortnightly seminar attended by operational research workers from outside the School has been held during term time.

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. Most of this work stems from problems of analysing complicated and imperfect data such as arise in multivariate systems.

Bibliographical Work

A number of independent bibliographies have been compiled by members of the Division, for example on queuing 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.

In 1949 the Elmgrant Trust granted £2,000 for the purpose of studying the social processes of electoral choice. Research was carried out at Greenwich and covered the period of three months prior to the General Election of 1950. Both quantitative and qualitative methods of research were employed. A supplementary grant from the Department of Sociological and Demographic Research was made towards the cost of analysing the findings of this Survey. An interim report on one aspect of the inquiry was published in the December, 1950, issue of the *British Journal of Sociology*. A fuller report has been published by Routledge and Kegan Paul under the title *How People Vote: A Study of Electoral Behaviour in Greenwich*.

Since 1950 the Passfield Trustees have made available a grant of £1,000 per annum. For the first three years this was used to finance: (1) A Study of Trade Union constitutions and organisation by Mr. B. C. Roberts. This has been published in the School series under the title *Trade Union Government and Administration in Great Britain*. (2) A report on the Passfield papers on 19th century local government. This has

been deposited in the library. (3) A study by Mr. Pear of the history and organisation of the Liberal party.

From 1953 onwards the grant has been used to finance the Webb Research Fellowship. The first holder of the fellowship, Mrs. Dorothy White, made an enquiry into the workings of the National Health Service with particular reference to pre-natal and maternity services. The second Webb Research Fellow, Mr. Conquest, carried out an investigation into the changes of leadership in the U.S.S.R. and the public explanation of the changes. This is to be published by MacMillan & Co. under the title *Power and Policy in the U.S.S.R.* The third Webb Research Fellow, Mr. R. J. S. Baker, has produced a study entitled, *Organisation and Capital Development: A Comparative Study of some British Industries*. This deals with the organisation, and processes of planning and controlling capital development, in a number of British nationalised industries and public services.

The Columbia University Research Programme (financed by the Ford Foundation) on the History of the Communist Party of the Soviet Union, made a grant of £1,500 in 1956 to enable Mr. L. B. Schapiro to write a one-volumed history of the Communist Party of the Soviet Union. This has been completed and will shortly be published. A further grant of £1,750 is enabling Mr. L. B. Schapiro and Dr. Utechin to prepare a two-volumed history on the Communist Party of the Soviet Union, from its origins to 1917.

The Nuffield Foundation made a grant of £2,500 in 1958, followed by a further grant of £3,500 in 1959, for research into the government of the Greater London area. This has been carried out by the Greater London Group consisting of: Professor W. A. Robson, Mr. R. H. Pear, Mr. S. K. Panter-Brick and Mr. P. J. O. Self of the Government Department; Professor M. J. Wise, Mr. R. C. Estall and Mr. J. E. Martin of the Geography Department; Professor J. A. G. Griffith and Miss O. M. Stone of the Law Department; Mr. A. C. L. Day and Mr. R. Turvey of the Economics Department; Mr. D. V. Donnison and Miss J. T. Henderson of the Social Science Department; and Mr. J. H. Woods of the Accounting Department. The Group presented evidence before the Royal Commission on Local Government in Greater London. In this it analysed the present structure and working of local government in the London area and made proposals for its reorganisation.

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 four research divisions—the Economic Research Division, the Social

Research Division, the Geographical and Anthropological Research Division and the Government 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 over 700 in the session 1959-60.

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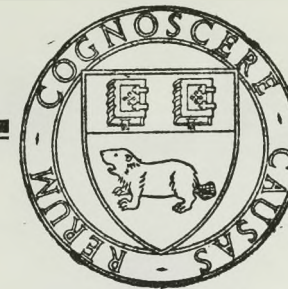
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