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Joan Richards

Room 110

The London School of Economics
and Political Science

A School of the University of London



CALENDAR

1961-62

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

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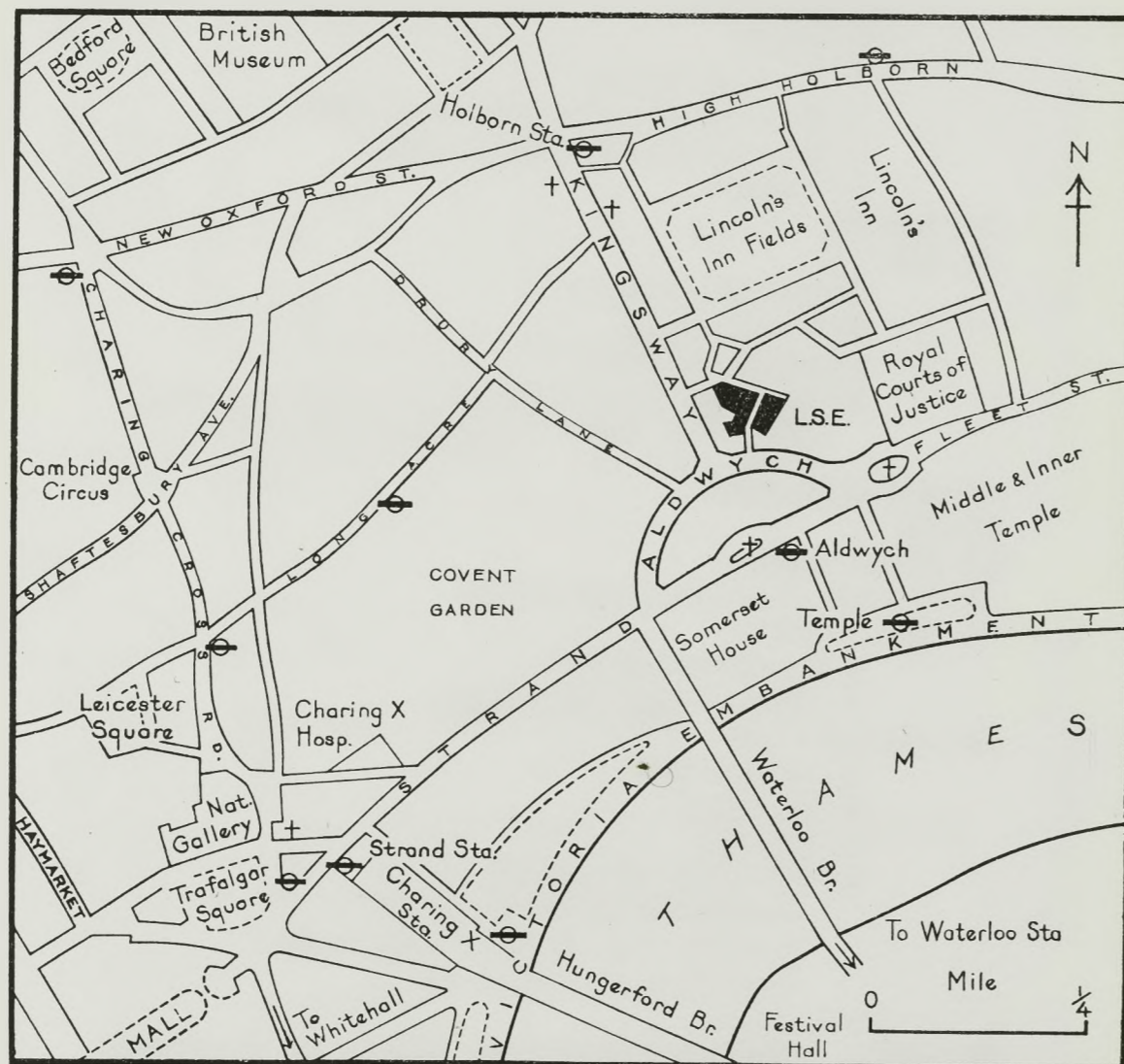
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LOCATION OF THE SCHOOL



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 [bound in boards, 15s. od. (16s. 3d. post free), paper-bound, 12s. 6d. (13s. 8d. post free), and 6s. 3d. to students of the School].

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.

Diploma in Operational Research.

Short Course in Operational Research.

Joint Postgraduate Studies in Technology, Economics and Administration.

The Universities and the Accountancy Profession.

Department of Social Administration.

Mental Health Course.

Diploma in Personnel Management.

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

1961-62

MICHAELMAS TERM: Monday, 2 October to Tuesday, 12 December 1961.

LENT TERM: Wednesday, 10 January to Tuesday, 20 March 1962.

SUMMER TERM: Wednesday, 25 April to Friday, 29 June 1962.

1962-63

MICHAELMAS TERM: Monday, 1 October to Tuesday, 11 December 1962.

CALENDAR 1961-62
(University functions in Italics.)

OCTOBER 1961

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

NOVEMBER 1961

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

DECEMBER 1961

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

JANUARY 1962

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

FEBRUARY 1962

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

MARCH 1962

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

APRIL 1962

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

MAY 1962

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

JUNE 1962

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

JULY 1962

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

PART I
GENERAL INFORMATION

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

- ⁴K. E. ROBINSON, M.A., F.R.Hist.S. (to 31 December 1961).
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HISTORY OF THE SCHOOL

EARLY YEARS

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

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

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

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

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

Under the Directorship of Sir Halford Mackinder (1903–1908) and of the Hon. W. Pember Reeves (1908–1919) the School developed steadily. The scope of teaching widened with the establishment of a lectureship in Sociology in 1904 and with the creation, eight years later, of a Department of Social Science and Administration. The growing reputation of the School as a centre of research attracted graduates not only from the United Kingdom, but from universities in all parts of the world.

1914–1939

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

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

In 1921, in addition to being recognised in the Faculty of Economics, the School became a recognised School of the University in the Faculty of Laws, in 1922 in the Faculty of Arts for Geography and Sociology, and in 1924 for History and Anthropology. This continued growth necessitated further expansion, and in 1925 the London County Council acquired a number of houses in Houghton Street for further extensions to the School. A new building along Houghton Street and two additional storeys upon

the roof of the 1920 building were begun in 1927 and were opened in the presence of the Prince of Wales in June 1928. In 1931-32 the first section of a new building on the east side of Houghton Street was erected, containing lecture-rooms and tutorial accommodation. During the same session a munificent gift from the Rockefeller Foundation enabled a complete reconstruction and expansion of the accommodation for the Library to be begun, including the reconstruction of the greater part of the Passmore Edwards Hall and the demolition and rebuilding of the large corner block purchased from the St. Clements Press in 1929. This work was completed in the session 1933-34. In 1935 the School acquired the former Smith Memorial Hall, which adjoins its oldest part. The second section of the new buildings on the east side of Houghton Street was erected on the site of the Holborn Estate Grammar School and of a number of shops and houses. This new section now contains, in addition to teaching rooms, a gymnasium and a squash court.

With this increase in size went a further widening of the scope both of the School's teaching and of its research. New chairs were created in English Law, International History, International Relations, International Law and Economic History. In 1929 a course for social workers in Mental Health was established and in 1930 a Department of Business Administration. Throughout these years there was a vigorous output of publications by the School's teachers and research students. Part of their work appeared in the journal *Economica*, established in 1921 and covering the field of economics, economic history and statistics, as well as in its sister journal *Politica*, which appeared in 1934 but ceased publication during the second world war. Within the sphere of law, between 1930 and 1940, the School prepared the *Annual Survey of English Law* and *The Annual Digest of Public International Law Cases*, covering the years from 1919.

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

POST-WAR DEVELOPMENTS

In September 1945, having completed its fiftieth session, the School returned to London from Cambridge where, through the generosity of the Master and Fellows of Peterhouse, it had been housed during the war. Most of its pre-war functions were resumed and there was great expansion in many new directions. Special courses were introduced in Trade Union Studies, Personnel Management, Child Care, and for Oversea

Service Officers. New and additional chairs were established in Accounting, Anthropology, Economics, Social Geography, Public Law, Public Administration, Social Administration and Sociology, together with a number of new readerships, lectureships and assistant lectureships in various subjects.

In the past year new diplomas in Economic and Social Administration, and in Operational Research, have been instituted.

Physical expansion of the School has been rendered imperative by the increasing numbers of students and staff. Pending the acquisition of additional properties some reduction of overcrowding has been achieved by leasing premises in the neighbourhood of the School, by building new rooms on the flat roofs of the buildings on each side of Houghton Street, and by filling in gaps in existing buildings. In January 1960 work was begun on adapting for School use the building in Clare Market formerly occupied by the St. Clements Press Ltd., to provide the first really substantial improvement in accommodation since 1938. In 1960 the School also acquired for future development the freehold of part of an island site to the north west of the St. Clements Building. In the mid 1960's the School hopes to acquire the premises of the Government Chemist adjoining the St. Clements Building. Future building plans will therefore cover re-development over the site now occupied by the old houses on the east side of Houghton Street and in Clement's Inn Passage, and the Government Laboratory; and, it is hoped, the eventual re-development of the island site referred to above. Between the completion of the St. Clements Building work and the time when the other sites can be re-developed, 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. In the St. Clements Building greatly improved facilities have been provided for the Geography Department, the Statistics Department and for the teaching of Psychology.

GENERAL

The Library is described on pages 232 to 237. 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. 247.)

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. 246.)

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 247.

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 1959-1960**

GENERAL

The session 1959-60 has seen no major developments or important changes within the School itself. Perhaps the most interesting topics of the year have been found in various discussions and decisions relating to United Kingdom universities as a whole. Within the School's own field three matters stand out for mention, although all of them are of greater interest for the future than for the past.

PHYSICAL GROWTH

The first is the definite commencement of the reconstruction of the St. Clements Building, which came into the possession of the School towards the end of 1959. Work on the demolition stage began before the end of the calendar year and by the end of the session the rather large amount of demolition of the existing building which is part of the plan of reconstruction had been completed and the more constructive stage had been reached. The contract calls for completion by July 1961 and we are hopeful that the building will be in effective use at the beginning of the session 1961-62.

We have also begun to think in practical terms about the next stage of physical expansion. We were fortunately able to secure a capital grant from the University Grants Committee, through the University of London, for the acquisition of three sets of office chambers forming part of the small block of land immediately opposite the end of Clare Market, on the north side of Portugal Street. We hope that opportunities may occur to acquire the remaining parts of that block of property with a view to eventual rebuilding on the site. Before that happens, however, we hope that we may obtain possession of the site now occupied by the Government Laboratory, immediately to the south of the St. Clements Building and to the east of Clement's Inn Passage. We have been promised the reversion of this site when the Government Chemist moves elsewhere and now understand that there is a real prospect of that move taking place within the next four years. Consideration has, therefore, been commenced of a comprehensive rebuilding both on that site and on the site of the old houses between Clement's Inn Passage and the East building all of which, except the house known as The Anchorage, are already the property of the School.

POLICY REGARDING EXPANSION

A second decision of future importance was taken in the course of the discussions with the University of London and the University Grants Committee leading to the acquisition of the additional property mentioned above. Inevitably, careful thought had to be given to the extent of further expansion of numbers which the School might contemplate in future years and, after full consultation with the academic members of the staff of the School, the decision was taken and approved by the University Grants Committee that the School would not contemplate any significant further expansion in the numbers of its undergraduate students, but would expect to continue to expand in the graduate field and in the provision of the special courses for which we are particularly well equipped. This means that regular undergraduate students will remain at about their present number of some 1,500, but the postgraduate and special course students may be expected to increase gradually above their present level of about 1,000. No formal limitation is proposed in the number of occasional and intercollegiate students, whose numbers are determined more by the policies of other Schools and Colleges in London than by our own policies. If recent trends continue it is likely that the number of intercollegiate students, including the Engineering and Science students from Imperial College and Queen Mary College who come to the School for instruction in the relevant branches of Economics and associate studies, will continue to increase above the present level of about 1,200.

REFORM OF THE B.Sc.(ECON.) DEGREE

A third decision of future importance relates to the revision of the regulations for the B.Sc.(Econ.) degree. This is, of course, a University not a School decision but the decision finally reached towards the end of the session was the result of prolonged discussion on the Board of Studies in Economics, the great majority of whose members are members of the academic staff of the School, and the problems of the revision in fact occupied the attention of a good many members of the School's staff for much of the year. Further comment is made in a later paragraph on the nature of the revision which has taken place, but the settlement of this particular issue for the time being is of general significance for the work of the School since it enables us to consider much more realistically various possibilities of improvement of our teaching procedures.

GENERAL UNIVERSITY PROBLEMS

I mentioned in the opening sentences of this report that a number of matters of general interest to United Kingdom universities as a whole had been under public discussion during the session. These include the indication of revised targets for the expansion of the universities in the next decade; the Crowther Report on Education at the ages of 16-18; the further examination by university representatives of admissions procedure; the Anderson Report on procedure and other questions relating to awards to students; recommendations and decisions regarding university superannuation; and Government decisions regarding the

level of university salaries. In addition there has been a great deal of public attention, including a very interesting debate in the House of Lords, to the general problems of university policy, expansion and management. I have no intention of discussing all of these various matters in detail. So far as the first is concerned, i.e. the expansion of the university population, and more particularly the undergraduate population, the decision of the School already referred to regarding its own undergraduate numbers has meant that we have little direct interest or part to play in the general expansion. The Crowther Report is of real interest to us, but principally because it deals with what may be called the borderland of university education. The further examination of admissions procedure and the recommendations of the Anderson Committee are, of course, of more direct interest and I think it can be said that the proposals emerging have been in the main entirely in accordance with the general views expressed on behalf of the School.

The decisions already mentioned as regards superannuation arrangements and salary levels have been welcome in that they should make it easier to recruit staff of the highest quality. The prompt acceptance by the Government of a recommendation that the previous discretionary arrangement for the supplementation of superannuation benefits accruing under the F.S.S.U. scheme should be made both automatic and more generous was particularly welcome. This improvement goes a long way to removing the disadvantage under which men and women superannuable under the F.S.S.U. scheme stood as compared with, say, civil servants, since they will in future be guaranteed a superannuation allowance calculated by reference to their final salaries and their years of service, and will have substantially the same protection against the "erosion" of their superannuation by serious monetary inflation during their working life-time as civil servants and others pensionable on a retiring salary have previously enjoyed. It still remains, however, for consideration by the universities as a whole whether it would be better to change over to a scheme based wholly on terminal salaries instead of the F.S.S.U. as now modified.

The discussion of these various matters and especially the discussions and decisions on matters of general university principles provoke certain reflections. There exists a certain machinery of consultation between the universities and between their spokesmen and Government authorities working primarily through the Committee of Vice-Chancellors and Principals. That machinery serves a very useful function and those individuals who devote to it a great deal of time and energy deserve the gratitude of the university community as a whole. At the same time it should not be thought any derogation from that gratitude if speculation sometimes takes place as to whether it is still the most effective machinery which could be devised for the purpose. Among a number of considerations which might lead to some misgivings I would mention only the following:—

(1) University salaries and superannuation arrangements are today determined by decisions of Her Majesty's Treasury acting on the advice of the University Grants Committee, that advice in turn being given after consultation with the Committee of Vice-Chancellors and Principals. The governing bodies of universities and of constituent institutions, whose discretion is thus limited, have little opportunity of putting forward any views before the decisions are finally made.

(2) There seems to be a lack of continuity in thinking about and planning the higher levels of education. It is perhaps typical that the great amount of thought which went into the Crowther Report stopped short of considering just where the boundary line between what we conventionally regard as school education and what we regard as university education ought to be drawn. There seems to be a tendency to think of the two as in different worlds and to take as eternal and fixed the conventional boundary between them as it now exists. Similarly, British universities recognise as within the university field only certain kinds of post-school education, excluding other kinds of education at the same age levels which in various other countries in the world are assumed to lie within the university sphere. Because, however, the boundary line is drawn just where it is there is a difficulty in getting the whole field examined together. This difficulty may well be increased by the administrative arrangement that university education in the conventional sense is the responsibility at Government level of the Chancellor of the Exchequer while virtually all other forms of education are the responsibility of the Ministry of Education. It cannot but add to the difficulties of taking a broad enough view that there is a well-defined channel of consultation between and with those responsible for university education as commonly accepted but no similar channel of consultation between those responsible for higher or post-school education as a whole.

Both the needs and the resources of modern society make it sensible to consider full-time education for young people beyond the normal school-leaving standard for a much larger percentage of the population than that traditional in this country; but it by no means follows that such further education ought to be given either in university courses of the traditional honours-dominated form or in mainly technical colleges. Open-minded consideration of newer and intermediate forms, with their repercussions both on universities and the Sixth Form work of schools, is rendered a good deal harder by the rather rigid compartmentalisation of the existing forms of education. To some extent, furthermore, that reacts on possible development within the universities, whose thinking about, for instance, the relationship between first degree and higher degree work is limited by the firmly established conventions about the right basis and age of entry to first degree work and the normal standard of graduation.

(3) It may be doubted whether the existing machinery is perfectly fitted to secure the best examination of the relative weighting of different subjects of study in the general expansion of the universities. We who are particularly concerned with social studies may be forgiven for feeling this especially strongly because of the common tendency to divide the subjects of study into the two groups of Science and Arts. We feel strongly that the social studies do not fall properly into either group but form a third category. It is a difficulty of the present organisation, which canalises discussions on, say, the expansion of the universities largely through the Committee of Vice-Chancellors and Principals, that there is no guarantee that that body will contain any adequate representation of all fields of study. It is simply a matter of accident whether the assembled Vice-Chancellors and Principals between them contain representatives of any particular field of study. Inevitably, moreover, a Vice-Chancellor tends to a very general and synoptic view of university studies as a whole and there is no convenient place

at which the relative needs of different fields of study can be discussed with those responsible for Government policies by academic representatives with a direct day-to-day interest in the particular fields of study.

This question of the relative weighting of different subjects of study in the general expansion has been particularly prominently in our minds because of the fact that, as previously stated, the School has taken the decision to undertake no expansion of its own undergraduate numbers just at a moment when a large general expansion of university numbers is intended. The London School of Economics and Political Science occupies a very special position in its own field of studies. It contains by a considerable margin more undergraduate students of the social studies than any other university institution in the country and provides indeed a quite significant proportion of the total facilities for such studies. If the total number of university students is to increase by not far short of 100 per cent in the next decade it is reasonable to suppose that the numbers taking social studies will also increase substantially. Since the School will not be making any contribution towards such expansion at the undergraduate level we should have been happier in taking the decision if we could have been sure that there would be a more than proportionate expansion in other universities providing instruction in these fields; but at present no effective machinery exists for the discussion of problems of that kind.

(4) Finally, this problem of the general organisation for representation of university views and their discussion with Government representatives is greatly complicated for the university community in London by the special features of the constitution of London University. London is, of course, by far the largest of the universities in the country and, it is probably safe to say, the most varied and comprehensive both in its fields of study and teaching, and in the kind of students for whom it caters. The representation of all the varied interests of the many institutions which together constitute the University of London in the councils of universities as a whole rests entirely on the shoulders of the Vice-Chancellor and the Principal, who have to speak at the Committee of Vice-Chancellors and Principals for several individual institutions as large as the great majority of separate universities as well as for London's exceptional variety of specialist institutions. Every new university or university college is represented on that Committee, whatever its size—indeed before it has come into existence—but the big London colleges, including the London School of Economics, have no chance to make their views known independently.

VISIT OF HER MAJESTY THE QUEEN MOTHER

The School was honoured by a visit from the Chancellor of the University, Her Majesty Queen Elizabeth The Queen Mother, on 23 February 1960. Her Majesty spent the afternoon visiting various parts of the building, especially the Library and Common Rooms, and had opportunities of listening to parts of a lecture and seminar and of seeing an exhibition of the School's publications. She took every chance of talking to students on her way, besides having tea with a small group and having presented to her a number of the officers of student societies. Her Majesty's graciousness and catholicity of interest in the varied

backgrounds and work of the many students she met made a deep impression on all. We were assured afterwards that she had enjoyed her visit and she undoubtedly gave much pleasure to us.

VISIT OF THE UNIVERSITY GRANTS COMMITTEE

An equally welcome but more business-like visit was that of the representatives of the University Grants Committee, led by their chairman Sir Keith Murray, which took place on 1 March 1960 as part of the Committee's usual quinquennial series of visits to London University. In a succession of interviews during the day, and over lunch and tea, the Committee met representatives of the Court, the professoriate, the rest of the academic staff, the Admissions and Research Committees and the student bodies. As mentioned above, agreement had been reached with the Committee on the broad lines of policy the School ought to pursue over the next decade or more, but a number of important matters remained for discussion. The School representatives emphasised the general need for increased staff to provide adequately for current teaching needs, especially bearing in mind how very unfavourably our ratio of staff to students compares with that of other university institutions in this country. Emphasis was also put on the need for more adequate provision for research from the School's general funds, for the growth of the Library and for student amenities. Among the latter very strong stress was again laid on the need for student residential accommodation, in which the London School of Economics unfortunately compares so badly with other universities, especially the new institutions.

For their part the University Grants Committee representatives themselves referred to the desirability of greater co-ordinated planning of research, which they agreed depended on being less reliant on outside grants related to specific projects. They were reluctant to accept the case for adding to the School's own student residences, mainly because of a dislike of "single-faculty" halls of residence. The Chairman of the Governors in reply urged that the breadth of the School's studies and the variety of its student population made it quite inappropriate to apply that objection to the School; and I remain hopeful that we shall in due course persuade the University Grants Committee to help us to acquire further residential accommodation for students within reasonable distance of the School.

The University Grants Committee also suggested that the School might consider improving its staff-student ratio by giving up evening teaching. It was pointed out that this would be a major breach with a tradition going back to the School's foundation and that there was no obvious alternative way in sight of meeting the very genuine continuing needs of students who for one reason or another cannot attend full-time. A very careful review of the whole issue is now in progress and no decision will be taken on this very fundamental question without reference to the Court of Governors.

We also received a visit on 22 October 1959 from Sir Arthur Rucker acting on behalf of the University Grants Committee in a survey of the way in which universities are applying the Gater report on the control of development expenditure. Sir Arthur met the Chairman of the Building Committee, Mr. F. E. Harmer, and members of the Committee, as well as the officers of the administration

concerned, and was by chance able to be present at the opening of the tenders for the St. Clements Press conversion work.

STAFF

Professor R. S. Edwards resigned with effect from 1 January 1960 on appointment to a full-time post as Deputy Chairman of the Electricity Council. He continued to discharge his essential duties until the end of the session and has agreed also to continue to give very valuable help (especially in the maintenance of his very well-known and widely attended postgraduate seminar) on an honorary basis in the future. He was accordingly appointed formally to an honorary Lectureship and the Senate of the University have conferred upon him the title of Professor in respect of that post. The Chair of Economics (with special reference to Industrial Organisation) vacated by Professor Edwards has not yet been filled.

Another, and more tragic, loss was suffered by the death of Mr. F. Brown, Reader in Commerce, on 17 June 1960. Mr. Brown was a student at the School from 1919 to 1922, an exact contemporary of my own. He had been on the staff of the School for 35 years and is widely missed on both personal and academic grounds.

At the request of the School the Senate of the University conferred the title of Professor Emeritus of Sociology on Mr. T. H. Marshall, who held a Chair at the School from 1 October 1944 to 30 April 1956 and retired from the post of Director of the Social Sciences Department of UNESCO on 31 March last.

A list of resignations, retirements and new appointments is attached. The most important of these are the appointment of P. T. Bauer to the new Chair of Economics (with special reference to Underdeveloped Countries and Economic Development); of D. H. N. Johnson to the Chair of International and Air Law; of Dr. Edith Penrose to a Readership in Economics (with special reference to the Near and Middle East); of Mr. R. P. Dore to a Readership in Sociology (with special reference to the Far East) to take effect about April 1961; and of Dr. I. Lapenna to a Research Fellowship in Soviet and East European Law. All of these new posts fall into the pattern of the School's growing activity in the broad field of international studies. The first and the last have been made possible by special benefactions, Professor Bauer's Chair by donations from the Institute of Economic Affairs and Dr. Lapenna's Fellowship by a grant from the Nuffield Foundation.

ACADEMIC DEVELOPMENTS

Planning for the new Diploma course in Social and Economic Administration, financed from the Ford Foundation Grant, was completed during the year and the three Tutors appointed. About twenty students were selected to attend the first course and assembled at the end of the vacation for a preliminary orientation week.

Another new course which was organised for commencement in the session 1960-61 was a two-year Diploma course in Operational Research. This has been built on the experience gained from the shorter experimental courses conducted in the last two sessions and will include a period of practical work. It is expected to have a wide appeal to the growing numbers interested in this field in industry.

I have already referred to the most important change in academic courses which was agreed during last session, the reform of the B.Sc.(Econ.). Hitherto that degree has consisted of a Part I which covers non-specialist studies in the social sciences (including for all students some study of economics, government and history) and which is examined at the end of the second year; and a Part II devoted entirely to a special subject and examined at the end of the third year. Under new regulations which take effect in October 1961, Part I, while remaining non-specialist in character, will cover much less ground and will be examined at the end of the first year; and Part II, studies for which will occupy the second and third years, will consist mainly of specialist studies but with a continuation of non-specialist study of economics, government and history for all candidates. In effect the old Part I has been divided into two, half of it becoming the new Part I taken at the end of the first year, the other half being added to Part II at the end of the third year. Apart from providing a formal examination at the end of the first year, which will help in detecting unsuitable students, what has been achieved by this revision is an opportunity for improved teaching. Under the old system a student's specialist teaching had to be carried out in two terms (his seventh and eighth); it will now be spread over five (from his fourth to his eighth). It is not intended that there should be any increase in the ground to be covered or in the total number of teaching hours, but the greatest importance is attached to the fact that the longer period over which special studies will be spread will allow more time for reflection and the development of a maturer outlook in those studies. The continuance into the third year of the compulsory background subjects should also improve the student's ability to relate them to his specialism, and remove the temptation to regard them as something to be written off at the end of the first stage of the degree course; and at this level also a more reflective study and a maturer outlook at the time of graduation may be expected. A further important gain lies in the fact that students will from the beginning of their second year instead of the beginning of their third be attached to and under the care of specialist departments, which will enable much more effective arrangements to be made for their tutorial care and teaching. The revision of the curriculum has been accompanied and is being followed by a re-examination of the School's teaching methods; outstanding amongst the improvements that we desire to make are a reduction in the size of tutorial classes and an increase in the amount of written work by students. These changes would impose a substantial additional teaching burden, especially on the junior staff, and cannot therefore come into full operation until the staff has been strengthened to the necessary extent.

RESEARCH

No major developments have taken place, but the continued high activity of the staff is evidenced by the list of publications appended. The largest of our co-operative research enterprises, the Research Techniques Unit, has continued its activity and arranged on 16 December 1959 an "Open Day" when the nature of its work was explained to and discussed with a number of visitors at a series of talks and demonstrations.

Mention has been made in previous reports of the research into problems relevant to the government of Greater London which has been undertaken by a group under the Chairmanship of Professor W. A. Robson, with assistance from the Nuffield Foundation. The Memorandum resulting from these researches which was submitted to the Royal Committee was mentioned in the Commission's Report as particularly helpful and the specific recommendations made by a majority of the group have clearly influenced the recommendations of the Royal Commission itself. There remains room for a good deal of further research and the group is therefore continuing its activities with the help of further assistance from the Nuffield Foundation.

During the year agreement was reached on the details of the new Research Fellowship in the Economics and Administration of Transport which has been made available by the generosity of the Trustees of the Rees Jeffreys Road Fund (as mentioned in last year's report). Applications were invited by advertisement and just at the end of the year the Fellowship was offered to, and has now been accepted by Dr. M. E. Beesley, who is expected to take it up in December 1960.

DONATIONS

A list of donations received or promised during the year is appended. Mention has already been made in other paragraphs of several items of special interest. It is, however, appropriate here to report a very pleasing result of one group of donations already reported. As announced two years ago we instituted, with help from a number of business firms, a series of undergraduate scholarships for mathematicians. These have not only attracted to us some very promising young men who received awards but have been very successful in making known our interest in mathematicians, so that the number of students taking that subject for Part I has increased from ten in 1958-59 to 52 in 1960-61.

COURT OF GOVERNORS

Sir Ian Jacob has resigned from the Court of Governors and the following new members have been appointed:—

Sir Frank Lee
 Professor T. H. Marshall
 Professor J. E. Meade
 Professor Sir David Hughes Parry
 Dame Mary Smieton
 The Rt. Hon. Kenneth Younger

The Hon. C. M. Woodhouse has resigned from the Standing Committee and Lady Albemarle and Mr. Victor Feather have been appointed members.

HONORARY FELLOWS

The Court of Governors elected on 10 December 1959 five more Honorary Fellows:—

Dr. A. M. El-Kaissouni
 Dr. W. T. C. King
 Dr. Louis Rasminski
 Mr. George Schwartz
 The Hon. Josiah Wedgwood

It was with deep regret that we learnt during the year of the death of two of the original Fellows, Mrs. Honor Croome and Sir Hersch Lauterpacht. Mrs. Croome, one of the most brilliant students of her generation, afterwards taught at the School just before and just after the war but made her great mark as a writer in *The Economist* and elsewhere; her rich personality made her early death a particularly severe loss. Sir Hersch Lauterpacht had been a student at the School, then a teacher from 1927 to 1938, holding the Readership in Public International Law from 1935; after his appointment to the Whewell Professorship of International Law at Cambridge and later to the International Court of Justice he had continued to show a warm interest in the School so that his death is equally felt as a personal loss.

STUDENT ACTIVITIES

Relations between the School administration and the student body have remained harmonious. I was obliged to tell the Students' Union that they could no longer have the use of the Old Theatre for the "hustings" for student elections because these occasions were grossly abused by a small minority, but the decision was received without protest and has I believe resulted in more orderly proceedings since.

The activity of student societies of all kinds has been well maintained. Noteworthy have been the continued efforts of the Students' Union to develop interest in debates and serious discussion meetings, the general success of the athletic clubs and the increase in international activity. The last has taken many forms, including very keen attention to certain international political problems, the raising of money, and further development of international student contacts.

Wide and continuing interest was taken in the issue of apartheid in South Africa, especially as applied to students. Many individual students joined in protests after the incident at Sharpeville; one or two came in conflict with the police but no intervention by the School authorities was necessary. Less dramatically, interest in international affairs was shown by the Students' Union's decision to join a newly founded European Community of Economic Students. The implications of this are still not entirely clear but if its main purpose remains to promote student contacts it should be useful. As a first step of this kind the Union arranged, with some financial assistance from the School, a Summer School or conference attended by representatives from various European countries just after the end of the Summer Term.

A large number of students succeed in making personal contacts overseas during the vacations and the work of AIESEC is valuable here in placing students with foreign business firms. More personal overseas enterprises were the usual overseas tour of the Drama Society, this time to Scandinavia, and a journey by car to India by last year's Union President, Mr. John Moore, with three other students,

in an attempt to follow the route of Alexander the Great which traversed various very unfamiliar regions.

The Athletic Union has also increased its international contacts by extending the range of sports covered by the established annual exchanges with the Haute Ecole de Commerce in Paris and the Wirtschaftshochschule in Mannheim. Moreover, another successful Open Day at Malden on 18 June included a display of Japanese Judo by a team including a German student.

The Athletic Union, however, is suffering from its growth in activity and our general lack of resources by finding increasing shortage of football pitches to cater for all the teams wanting to play. Extra pitches are hired as opportunity offers but the only permanent solution is an extension of the Malden ground.

The students of the School find large scope for their activities in purely School societies, but they also find time to play a considerable part in the sporting and other activities of London University societies, notably the University of London Union itself, the officers of which almost always include one or two from the London School of Economics.

WORKS IN PROGRESS

Mention has already been made of the commencement of the major operation of conversion of the St. Clements Building by Messrs. Holland & Hannen and Cubitts. The supervision of this has entailed regular meetings of the Building Committee and its sub-committees on the detailed operations and the furnishing plans for the building. The Building Committee has also been giving thought to future building possibilities especially on the Clement's Inn Passage sites and, without prejudging either the desirability or practicability of such a solution, a new sub-committee has been set up to examine in all its aspects the possibility of erecting there an enlarged and specially designed building to house the Library.

The almost continuous process of adding to and adapting our main building still goes on: foundations have been laid for the construction of new rooms up to roof level over the Periodicals Room, i.e. in the angle between the Staff Dining Room and the Senior Common Room; and alterations have been made to improve the service in the snack bar on the third floor. No further structural alterations have been made in the Refectory but the Steward has, following a report by a consultant on the Refectory organisation which we hope will bear further fruit in later replanning, reorganised the self-service arrangements. This appears to have achieved great success, judging by the results in the first weeks of the 1960-61 session, when the number of meals served has sharply increased and the queue—so much complained of—has vanished.

The School has been put further in the debt of the Friends of the London School of Economics by a further gift of furniture for the roof-garden, which has continued to be one of the most attractive and popular institutions in the School on every plausibly fine day.

OBITUARY

We have learned with deep regret of the death during the year of a number of people connected with the School. A list is attached which includes three names already mentioned, those of Mr. F. Brown, Mrs. Honor Croome and Sir Hersch Lauterpacht.

OBITUARY

The School records with deep regret the deaths of:—

MARTHA IVY AKEHURST, a member of the staff from 1945 to 1960.

RICHARD BARKELEY, a part-time member of the staff from 1947 to 1950.

HONORIA RENEE MINTURN CROOME, a student of the School from 1927 to 1931, a member of the staff from 1936 to 1940 and from 1947 to 1948, and an Honorary Fellow of the School.

JOHN RUPERT FIRTH, a part-time member of the staff from 1929 to 1932.

SIR OSCAR HOBSON, a Governor of the School since 1939.

SIR CHARLES HILARY JENKINSON, an occasional lecturer at the School from 1910 to 1916.

CHARLOTTE LEUBUSCHER, a research worker at the School from 1942 to 1944.

THE RIGHT HONOURABLE LORD SIMON OF WYTHENSHAW, a Governor of the School from 1937 to 1947.

HERBERT ARTHUR SMITH, Professor of International Law from 1928 to 1946.

MARIAN WESLEY SMITH, a part-time member of the staff since 1952.

DOROTHY ELLEN WATTS, a member of the Library staff from 1916 to 1949.

PETER HENRY BUSH, a student of the School from 1951 to 1954.

SARAH ELIZABETH CODRINGTON, a student of the School since October 1960.

GEORGE DALLAS, a student of the School from 1912 to 1913.

FRANCOIS JACQUES DU TOIT, a student of the School from 1926 to 1929.

GEORGE NOEL EDE, a student of the School from 1905 to 1909 and from 1925 to 1926.

HARRIET WINEFRID JEVONS, a student of the School from 1900 to 1902.

ELSIE VALE JONES, a student of the School from 1934 to 1935.

GIRDHARI GAURISHANKER KEJRIWAL, a student of the School since 1958.

LEO THOMAS FRANK LITTLE, a student of the School from 1928 to 1933 and a research student from 1934 to 1938.

SIDNEY JOSEPH MADGE, a student of the School from 1918 to 1921.

KELVIN CLAYTON POLLOCK, a student of the School from 1906 to 1912; President of the L.S.E. Society 1956 to 1957.

- BRIAN DAVID RAMSDEN, a student of the School since October 1960.
 ELIZABETH ISDALE MORGAN SMAIL, a student of the School from 1925 to 1926.
 IRIPPUWEBADALGE DON SAMARADASA WEERAWARDANA, a graduate student of the School from 1949 to 1951.
 MONICA WHATELEY, an occasional student of the School from 1927 to 1928.
 HARRY WILLIAM WOOLSEY, a student of the School from 1920 to 1923.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES AWARDED IN 1960

(a) Awarded by the School

Entrance Scholarships and Bursaries

Leverhulme Scholarships

URSULA MARIAN BURTON (North London Collegiate School).
 JAMES SENIOR HANDLEY (Chesterfield Boys Grammar School).
 HOWARD FREDERICK MALTBY (Rhyl Grammar School).
 SUSAN MILLOTT (Purley Grammar School).

Entrance Scholarships

BRIAN EDWARD ARTHUR (The Lewis School, Mon.).
 JOHN GORDON ATKIN (Lincoln School).
 DAVID GORDON KIRBY (City School, Lincoln).

Whittuck Scholarship in Laws

Not Awarded.

Ackworth Scholarship

PATRICK MICHAEL O'SULLIVAN (Willesden County Grammar School).

Scholarships in Statistics and Computational Methods

MARTIN KNOTT (King Edward VI School, Worcs.).
 JOHN KEITH ORD (Barnard Castle School).
 MALCOLM PATRICK ROBERTSON (Pinner County Grammar School).

Christie Exhibition

MURIEL BROWN.

Leverhulme Adult Scholarship

NICHOLAS PETER DERRINGHAM HOWARD.
 PETER GORDON MACARTHY.
 KEITH JOHN PULHAM.

Undergraduate Awards

Scholarship in Laws

ABDUL KADER ASMAL.

Leverhulme Undergraduate Scholarship

RHODA ISABEL ATKIN.
 ROYSTON AUBREY BRUTON.
 LESLIE THOMAS COBBLEDICK.
 MARGARET ALEXANDRA FINEMAN.
 RICHARD WILLIAM GRAY.
 WIJESINGHE ARATCHIGE PERERA.

Harold J. Laski Scholarship

ROBIN KEITH ALDERMAN.

Lilian Knowles Memorial Scholarship

Not Awarded.

Scholarship in International Law

DARRIL HUDSON.

S. H. Bailey Scholarship in International Law

LAUREL BRENTON FRANCIS.

Graduate Awards

Leverhulme Research Studentships

GEORGE ARTHUR FEAVER.
WILLIAM DONALD HAMILTON.
GEORGE ELIAS KRIMPAS.
BAL VASANT WAGLE.

Graduate Studentships

EDWARD ARTHUR KUSKA.
DAVID ANTHONY PRESTON.

Rees Jeffreys Studentship

FITZROY DERRICK CHRISTOPHER WIJESINGHE.

Hutchins Studentship for Women

HILDA ELIZABETH FITTER.

Montague Burton Studentship in International Relations

MAURICE KEENS-SOPER.
RAFIUDDIN AHMED KHAN.
ALAN JOSEPH WARD.

Leverhulme Studentship for Special Courses

JENNIFER ANNE NEWALL.
BARBARA RUTH POWELL.

Leverhulme Graduate Entrance Studentship for Oversea Students

JOSEPH GROSS.
RICHARD HAL SNAPE.

Research Studentship for Oversea Students

RADHE SHYAM RUNGTA.

Graduate Bursaries

CHRISTOPHER DAVID BEEBY.
MOHAMMED DALVI.
DONALD WESTLAKE GREIG.
DIANA FRANKLIN PLATT.
ROLAND ROBERTSON.
BRIAN SANDERS.
SYLVIA MARY TIMPSON.
TEOW GOK SIM.

Medals and Prizes

Farr Medal and Prize

Not Awarded.

Gonner Prize

SAMUEL HOLLANDER (1959-60).
SHIV KUMAR NATH.

Hobhouse Memorial Prize

Not Awarded.

Premchand Prize

Not Awarded.

Mostyn Lloyd Memorial Prize

Not Awarded.

Raynes Undergraduate Prize

PETER CHRISTOPHER AYRE.
JAMES MATTHEW ARROWSMITH.

Bowley Prize

GOVIND CHAND BERL.

Allyn Young Prize

ALEXANDER ROBERT HAMMOND.

Director's Essay Prize

JOHN RICHARD WELLESLEY-MILLER } jointly
PETER WILLIAM GEORGE WRIGHT }

Gladstone Memorial Prize

Not Awarded.

Kaplan Prize

ALMA ZAHAVA CRAFT.
LINDSAY WHITLOCK.

Jessy Mair Cup for Music

LEONARD MAXWELL BIRD.
ANTHONY SALVATORE PELLEGRINI.

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

MICHAEL KARL MAUGHAM.
EVELYN ISOBEL PAGE.

Graham Wallas Memorial Scholarship

JAYANTKUMAR CHAUHAN.

Metcalf Scholarship for Women

Not Awarded.

Metcalf Studentship for Women

SYLVIA MARY TIMPSON.

Sir Edward Stern Scholarship

JOHN RAYMOND HOBSON.
DOUGLAS NEEDHAM.

Rotary Golden Anniversary Prize

MANFRED MICHEL.

University Postgraduate Studentships

JOHN DAVID FROGGATT.
FREDERICK EDWIN IAN HAMILTON.
DAVID JOHN HARRIS.
DAVID ALFRED MARTIN.
BENJAMIN OBI NWABUEZE.

University Studentships in Economics

JOHN GRAEME FRYER.
SHIV KUMAR NATH.
PETER ROBINSON.

University Studentship in History

RICHARD EDWARD MORPHET.

Gerstenberg Studentship in Economics

ALAN EDWARD ANGELL.

Madge Waley Joseph Memorial Scholarship

EILEEN CONSTANCE GABBITAS.

(c) Awarded by Outside Bodies

British Association for the Advancement of Science

RALPH HOWELL.
MICHAEL ANTHONY KEENOY.

Goldsmiths' Company Travel Grant

DAVID COLIN DALLIMORE.
BRIAN MILLS.
JOAN PEGGY ISOBEL PORTER.

Graduate Assistantship at Pittsburgh University

JOHN LESLIE FRYER.

French Government Scholarship

RIGAS SOTIRIS DOGANIS.

Harkness Commonwealth Fellowship

ROGER BALLARD UPSON.

Athletic Awards**Steel-Maitland Cup**

BRIAN FREDERICK SHAW.

Steel-Maitland Cup for Women

JULIE ELIZABETH CHARLES.

Wilson Potter Cup for Athletics

JOHN BRUCE MADOC EVANS.

Ernest Cornwall Cup

SQUASH CLUB.

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

NOT AWARDED.

Badminton: Men's Doubles

NOT AWARDED.

Badminton: Women's Singles

NOT AWARDED.

S.H. Beaver Cricket Captain's Cup

ANTHONY NORMAN COOK.

Cross-Country Club Cup

MICHAEL HECK.

Golf: Captain's Cup

DAVID HARRY JAMES SHEASBY.

Golf: President's Putter

NOT AWARDED.

Golf: President's Brassie

COLIN SYDNEY GEORGE.

Lawn Tennis: Men's Singles.

MALCOLM EDWARD FALKUS.

Lawn Tennis: Women's Singles

JULIE ELIZABETH CHARLES.

Squash: Men's Singles

HAMILTON KENT ALLEN.

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

PETER JOHN DENNIS THORNE.

440 Yards Challenge Race (Men)

NOT AWARDED.

Invitation One Mile Race (Men)

NOT AWARDED.

Inter-Collegiate Mile Medley Relay Race

NOT AWARDED.

Gutteridge Tug-of-War Cup

RUGBY CLUB.

DEGREES

B.Sc.(Economics) Final Examination

HONOURS

FIRST CLASS

1960

ALAN EDWARD ANGELL.
JOHN GRAEME FRYER.
SHIV KUMAR NATH.
GEOFFREY KEITH ROBERTS.
PETER ROBINSON.
JOHN JAMES THOMAS.

SECOND CLASS

(Upper Division)

MICHAEL OJO ADELUSI.
PAUL GODFREY ALLEN.
DUDLEY ELLIS BAINES.
MICHAEL BATCHELER.
ALAN LESLIE BROMLEY.
HUGH RANDALL BURROUGHS.
DOUGLAS JOHN CADMAN.
MICHAEL ALEXANDER NINIAN CAMPBELL-JOHNSTON.
ANTHONY NORMAN COOK.
ROBIN ARTHUR COOPE.
JACQUELINE DANIELS.
BRIAN CLIFFORD DAVIS.
PETER DELANEY.
HAZEL ZOË DRAKE.
PETER EARLE.
ALBERT DONALD EGGINTON.
AHMED ATABANI FAREED.
JOHN LLOYD FARTHING.
JULIUS GEORGE STEPHEN FEIN.
RODNEY JOHN FIELDING.
MARILYN RUTH FISHER.
MARTIN FORMAN.
MICHEL HENRY NUCHEZE GEOGHEGAN.
COLIN SYDNEY GEORGE.
HOWARD GRIFFITHS.
SAMUEL GEORGE BRIAN HENRY.
MARY CATHERINE HOLLAND.
ARTHUR WILLIAM HOOPER.
JEAN MAVIS HUGHES.
CHRISTOPHER JOHN HURN.
ROBINSON WHISKY IMISHUE.
ELIZABETH ANNE JONES.
JOHN HUW JONES.
GORDON LEEMAN KIRKWOOD.
FREDERICK NORMAN LeCHEMINANT.
STANLEY GORDON LEDDRA.
SERGE ALEX LEWITIN.
MALCOLM JOHN LONDON.
DAVID JOHN MANNING.
ANDREW GORDON MANZIE.
LAURENCE MARTINDALE.

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

1960

UGOLINO MENINI.
MANFRED MICHEL.
WILLIAM JOHN MONEY.
GEOFFREY CHARLES MOORE.
GERALD MOULT.
ANN NORTH.
DEREK JOHN ODDY.
GEOFFREY KNIGHT OGDEN.
NORMAN PANTLING.
DAVID PEARLMAN.
ANDREAS JOANNOU PHILIPPOU.
DAVID LEONARD PILCHER.
ASPY PHIROZE RANA.
COLIN READ.
DAVID LLEWELLYN EVANS RICHARDS.
MICHAEL SCHEINER.
GRAHAM KEITH SHAW.
ADRIAN EWART SMITH.
MURRAY LIVINGSTONE SMITH.
PETER ROWLAND SMITH.
CARMEL SPITERI.
JOHN KENT STEPHENSON.
DEREK MAURICE STEVENS.
MICHAEL COLIN STROUD.
MICHAEL FRANCIS TANNER.
COLIN EDWARD TAYLOR.
ALFRED CLIVE THOMAS.
WILLIAM HAYDN THOMAS.
DAVID ANTHONY THOMPSON.
ROGER BALLARD UPSON.
ANDREAS MARCOU VARLAAM.
JOHN MICHAEL WADSWORTH.
JOHN MICHAEL HENRY WALKER.
RONALD WALKER.
PETER ASTLEY GROSVENOR WAYMARK.
JOHN GEOFFREY BUCKLAND WEAIT.
RANDOLPH LAMBERT WILLIAMS.
NEIL ARNOLD WILLIAMSON.
SAM WOLF.
DAVID WILMOT WRIGHTSON.

SECOND CLASS

(Lower Division)

PAUL ADEBISI AGBOOLA.
KEMAL AHAMED.
MUHAMMAD VAJHUDDIN ALEBML.
JOHN ALLISON.
ROBERT GEORGE AMRAM.
IVOR DESMOND ASTLEY.
LAURENCE LEONARD AYRES.
DAVID JOHN BADGER.
PAUL NIGEL BALCHIN.
RICHARD GODFREY BARBER.
RONALD ERIC BAXTER.
PHILIP DAMIAN BINDING.

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

1960

COLIN CHRISTOPHER BIRD.
 RICHARD JOHN BLOW.
 BRIAN GEORGE BONNER.
 KEITH FRANCIS BOSZORMENYI.
 MICHAEL PHILIP DAVID BROWN.
 RICHARD OLIVER AMES BROWN.
 GEORGE LEWIS BROWNLEE.
 ANTHONY GILBERT BRYAN.
 REX ANTHONY JOHN CALVERT.
 JOHN WINSTON CARNALL.
 DESMOND FIELDING CHILDS.
 SIDNEY JOHN CLARK.
 GORDON CLEAVER.
 DENIS WALTER COE.
 CHARALAMBOS CONSTANTINOU.
 RODERICK MARTIN DOUGLAS COOKE.
 CHRISTOPHER JOHN COOPER.
 ANTHONY CHARLES COWDY.
 ALAN JAMES CHARLES CURD.
 DANG-DUC-TU.
 WINIFRED MARGARET DAVIS.
 ERIK CLAUDE JACQUES DECREUS.
 GEORGE JOHN JAMES DENNIS.
 ROGER ERIC DEW.
 RIGAS SOTIRIS DOGANIS.
 COLIN EDWARD DUNMORE.
 ALFRED GWYN EVANS.
 KENNETH LOUIS FARSKY.
 OLUFEMI OLORUNDAISI FATODU.
 RONALD FREDERICK FEATHERSTONE.
 PETER ISTVAN FODOR.
 TERRY FRANCIS FOSTER.
 KENNETH LAMBERT FOX.
 DAVID NESTOR GARRETT.
 MICHAEL BRIAN GIFFORD.
 SUJIT GUPTA.
 FREDERICK WALTER HANKINS.
 ARNOLD HARPIN.
 KEITH DONALD HARRIES.
 ALEC JOHN HESKETT.
 CLIVE LEONARD HEWITT.
 KENNETH SIDNEY HILDITCH.
 JAMES HILL.
 VERONICA BEATRICE HOLDEN.
 JAMBUKUMARSINGH RAJKUMARSINGHI KASLIWAL.
 PETER HERMAN KATZ.
 GRAHAM STANSWOOD LEAMY.
 JOHN CHARLES RIDLEY LENTON.
 MADELEINE LEWIS.
 MICHAEL GEORGE LILLYWHITE.
 DAVID NEALE LINDLEY.
 ALAN MICHAEL LINDSEY.
 GREGORY DUNCAN MCCOLL.
 JOHN DAVID MALLINSON.
 PETER JOHN GABRIEL MALZER.
 AMRITA MANI.
 JOHN HENRY MANN.

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

1960

KATHLEEN ELIZABETH MANN.
 ROBERT JAMES MARSHALL.
 ALAN JOSEPH MASSEY.
 JANE MEENAKSHI MATHER.
 JEFFREY ARNOLD MELLOWS.
 PETER WILLIAM MITCHELL.
 HAMID MOHAMMED.
 JEAN MARGARET MURDOCH.
 HARILAL JIVRAJ NATHWANI.
 JOSEPH ADEBAYO OKUNLOLA.
 STANLEY MALCOLM OLIVER.
 GIRISHBHAI PATEL.
 JOHN CHARLES PATRICK.
 PHILIP MICHAEL PEABODY.
 BEVERLY ANN PEARCE.
 LESLIE MICHAEL PICKLES.
 JOHN THOMAS POPPLETON.
 PETER STEDMAN RADDON.
 GEORGE SIERAM RAMPERSAD.
 KENNETH JAMES RAVENSCROFT.
 ROY THOMAS RICH.
 JEREMY JAMES RICHARDSON.
 DEREK MASON RILEY.
 ANDREW MACRAE RONALDSON.
 IAN ROYLE.
 PAUL JOHANNES RUTTEMAN.
 NIGEL SAVAGE.
 JAMES GAVIN SCOTT.
 CHARLES SEBESTYEN.
 BRIAN FREDERICK SHAW.
 REGINALD WILLIAM SHEPPARD.
 NARAYAN KUMAR SINHA.
 PAUL CHUA SITHI AMNUAI.
 ALLAN GODFREY SLEEMAN.
 LAZAROS DEMETRI SPARSIS.
 GEORGE ALLAN RAMSAY STARK.
 PETER SYSON.
 PANAYOTIS ARISTIDIS THOMOPOULOS.
 SUSAN PAMELA THOMPSON.
 PHILIP GUY THORN.
 BENSON OWA TONWE.
 PATRICIA TURNER.
 ALAN HARRY TURNEY.
 JOHN ROBERT VAUGHAN.
 GEORGE VAYANOS.
 ARTHUR PATRICK VICKERY.
 DAVID ANTHONY WAILLEN.
 ANTHONY JOHN WAIN.
 PAUL MICHAEL WALLS.
 ROBERT WARDLE.
 BRIAN RALPH WEAKLEY.
 MICHAEL ERNEST WHITEHEAD.
 PETER TREVOR WILLIAMS.
 VINCENT WRIGHT.

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

PASS

1960

LESLIE PAYNE ALDERSON.
 TAHSIN MOHAMMAD AMIN.
 CHERN BAMROONGWONGSE.
 GERALD GRAHAM STAPLES COBB.
 GODFREY BLAIR COOMBS.
 CHARLES HENRY DIXON.
 ANTHONY RICHARD FIELD.
 WALLACE WOLFE FIELDS.
 PHILIP GEORGE FRANCIS.
 JOHN LESLIE FRYER.
 ARTHUR FULLER.
 DAPHNE MAUREEN PHYLLIS GARNETT.
 RANJIT SINGH GHURA.
 CYNTHIA GOODALL.
 JOHN ATHANASE GREGORIADES.
 ALAIN GUIHARD.
 STEPHEN ELLIS HARPER.
 DAVID GARETH HOWE.
 ELISABETH TERESIA IGLICH.
 MUDA ABISOYE ALAMU KAFFO.
 FUAD TEWFIQ KATTAN.
 JUDITH KLEIN.
 DANIEL ADETOLA LADEGA.
 BRIAN MICHAEL LEVY.
 MOHI EL DIN MAHGOUN.
 HAROLD HARRIS MARKS.
 MICHAEL JOHN MARSH.
 HARSUKH SHANTILAL MEHTA.
 DAVID MILLER.
 LIONEL ALFRED MORDANT.
 AKINWUNMI AKANNI MUMUNEY.
 JOHN PHILIP NIELSEN.
 EDWARD O'GORMAN.
 KAYODE GBADEBO OKUWA.
 MARY BRIGID O'RIORDAN.
 GILLIAN OTTREY.
 WILLIAM THOMAS PARKER.
 RONALD STEWART PATERSON.
 CYRIL JOHN FREDERICK PAVEY.
 KENT POLLARD.
 ANDREW BURAIMOH OLOKOBA SALAMI.
 CLAIRE ANN SCHOENFELD.
 SOON CHEH SIONG.
 PETER MICHAEL SPENCER.
 ROBERT PAUL VICTOR STRINATI.
 SHEIKH TASLIM ULLAH.
 PANAGIS VOURLIUMIS.
 DAVID ANTHONY WALKER.
 JOHN LAWRENCE WILKINSON.
 COLIN GRAHAM WINCHESTER.
 GRAHAM WOOLDRIDGE.
 NORMAN GEORGE WORLEY.

B.Sc. (Sociology) Examination

HONOURS

SECOND CLASS.

(Upper Division)

1960

ALMA ZAHAVA CRAFT.
 WILLIAM ALFRED HUGH GRAY.
 ERIC ROBERT KRYSSTALL.
 GERALD EUGENE LEVENS.
 LINDSAY ANN WHITLOCK.

SECOND CLASS

(Lower Division)

ELIZABETH ELEANOR COVENEY.
 IEUAN DAVIES.
 SALLY PATRICIA GREEN.
 LEONARD CHARLES HUGHES.
 MADELEINE KAY JONES.
 JOHN ODLIN MACHIN.
 SUSAN PENNY.
 MARGARET ROSETTA PHILLIPS.
 VICTORIA CHRISTINE SCOTT SARGANT.

THIRD CLASS

ENID MADGE CAREY.
 EDWARD NIGEL MATTHEWS.
 GILLIAN MARY PREST.
 RAY CHRISTINE WHITING.
 JOHN CHATFIELD WITT.

B.A. Honours in Sociology

SECOND CLASS

(Upper Division)

1960

RACHEL ANNE AVIS.
 TERESA MARY BLAZQUEZ.
 NORMA VICTORIA RAYNES.
 GINA VIETTI.

SECOND CLASS

(Lower Division)

MARGARET ELIZABETH ALEXANDER.
 BRIDGET MARY DALISON.
 SALLY ELIZABETH DAVIS.
 ANN LESLIE DAW.
 ROGER KELSON FORD.
 MAY SAVITRI FRIEDMAN.
 ANN JOAN GREEN.
 GILLIAN HARRINGTON.
 DIANA HUGHES JACKSON-POWNALL.
 BERYL MARY JESSUP.
 MONICA RUTH JOHNSON.
 PETER HAILSTONE SMITH.
 HAZEL STERN.

B.A. Honours in Sociology—continued

1960

BRIAN MALCOLM STEWART.
 JANET STUTTARD.
 MARGARET ANN SYMONS.
 JAMES ALAN THOMAS.
 MALCOLM GEORGE WALTON.
 LAURA EDITH WEBSTER.
 SHIRLEY CECILIA WRIGHT.

THIRD CLASS

MARY ELIZABETH WILKIE.
 GEORGE AN-SHIH WONG.

B.A. Honours in Anthropology

SECOND CLASS

(Lower Division)

1960

HELGA EILEEN JACOBSON.
 MAURICE CAMERON RUSSELL.

B.A. Honours in Geography

SECOND CLASS

(Upper Division)

1960

SHIRLEY ANNE BOILEAU.
 JACK DAVIS.
 CHARLES GERALD HENDERSON.
 DENA PERRY.
 PETER JAMES WASHINGTON.

SECOND CLASS

(Lower Division)

ELAINE ASHTON.
 ROBERT WILLIAM BARBER.
 RALPH HOWELL.
 JOEL PALEY.
 JAMES ANTHONY PERITON.
 MERVYN GRAHAM POWELL.
 JEAN MARGARET WHITAKER.

B.A. Honours in History

FIRST CLASS

1960

RICHARD EDWARD MORPHET.

SECOND CLASS

(Upper Division)

ANNIE BUTLER.
 DAVID CARLTON.
 CHRISTOPHER JOHN DAVEY.
 RENE GERSON.
 JOHN ANDERS HASSELGREN.
 ANTHONY JOHN HAYTER.
 CHARLES IAN SHAW.
 FRANKLIN CHARLES UMLAUFT.

B.A. Honours in History—continued

SECOND CLASS

(Lower Division)

1960

JEAN MARGARET BISHOP.
 ANN CHAMBERLIN DEYES.
 JOHN HULBERT EDSER.
 OLWEN AILEEN EDWARDS.
 BRIGID MARY GREEN.
 DIDWICH SKEEL HARRIES JONES.
 ELIZABETH ANNE KNOX.
 SHEILA MARGARET MURKETT.
 RAYMOND HARRY OVERTON.
 NANCY TAYLOR.

THIRD CLASS

RHIAN EYNON DAVIES.
 DORIS KER.

LL.B. Final Examination

HONOURS

SECOND CLASS

(Upper Division)

1960

ROLAND KUN CHEE CHOW.
 JUDITH ANNE MATHEWS.
 SHIRLEY ISABELLE MEIKLE.
 IRVING SPELLMAN.
 COLIN TROTTER.
 WILLIAM HENRY WALKER.

SECOND CLASS

(Lower Division)

*ROBERT BOLAJI ADEWUNMI.
 TAHER ABULA BARMA.
 MICHAEL JOHN BRODIE.
 FRANCIS LENTON DALY.
 BRIAN KEVIN GERAGHTY.
 JOHN ARTHUR HEAD.
 JACOB OGBONNAYA IBIK.
 COLIN PHILIP JOSEPH.
 MAURICE KUSMIRAK.
 EMMANUEL KWASI MENSAH.
 JOSEPH MESSRI.
 RICHARD JOHN NICHOLLS.
 PATRICK FARREL PHILLIPS HIGGINS.
 BRIAN GRAHAM ROBINSON.
 SIM TEOW GOK.
 TERENCE HUGH WILLIAMS.

PASS

BARRY CECIL ABRAHAMS.
 JOHN CHIKE AGUSIOBO.

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

LL.B. Final Examination—*continued*

1960

SIKIRULAI OGUNYOMI ASHIMI.
 NIGEL ROBIN ARTHUR BAKER.
 ANTHONY GARSIDE BILLING.
 EDWARD GORDON ALEXANDER BRUCK.
 LAWRENCE BLAIR COOMBS.
 JAMES NATHANIEL COPELAND.
 HOWARD DAVID-WEST.
 FRED EGBE.
 ADRIAN GAYNOR-SMITH.
 ROBERT HESLOP.
 BRIAN HAYWARD JARVIS.
 NICHOLAS MAVROLEON.
 FRANCIS PETHERAM.
 GEORGE MICHAEL PIKIS.
 BRAITHWAITE GABRIEL WHYTE.

Higher Degrees

M.Sc.(Econ.)

1959-60

GURDIP SINGH AURORA.
 WINSTON GLADSTONE CHAMBERS.
 THOMAS MALCOLM CRAWFORD.
 HENRY JULES CHARLES DAUBRESSE.
 WILLIAM GORDON FLEMING.
 JOSEPHINE HARMSWORTH.
 SARJIT SINGH HEYER.
 MUHAMMAD ABUL HOSSAIN.
 DARRIL HUDSON.
 GORDON MILROY HUTTON.
 GORDON GRAHAM WILLIAM KALTON.
 WAI HUNG KWOK.
 STANLEY GEORGE McCLURE.
 GEORGE ALEXANDER MacKENZIE.
 RADWAN ADEL MAWLAWI.
 MAHESH PRASAD MODI.
 MIAN MOHAMMAD NAZEER.
 HEAN WENG NG.
 LEONARD ERNEST POETSCHKE.
 ZDZISLAW RADOWICZ.
 CHOUDHARI JAGDISH NARAYAN SAXENA.
 RALPH BENEDEK SCHOENMAN.
 KHALED ABDO SHAIR.
 LASZLO SONKODI.
 THOZHUR MADABUSI SRINIVASAN.
 RICARDO MIRASOL TAN.
 LeROY OSWALD TAYLOR.
 SUPPRAMANIAM THAYANITHY.
 JUBRAN WILLIAM JOSEPH TOAK.
 ALEXANDER YANNIOTIS.
 DAVID YISRAELI.

M.A.

1959-60

NICHOLAS CRANFORD EDSALL.
 SAMUEL KAMAKIRU KARIMI.
 DANIEL RICHARD SCHEINFELD.

Higher Degrees—*continued*

LL.M.

1959-60

TIMOTHY AKINOLA AGUDA.
 GAIL-MARYSE GHISLEIN EIRLYS COCKRAM.
 MARK KOHN.
 PETER ALFRED KRAUS.
 OLUWOLE IDOWU ODUMOSU.
 GANAPATLAL APPASAHEB SHAH.

Ph.D.

1959-60

OMAR MOHAMED OSMAN ABDOU.
 GOVIND CHAND BERI.
 BIBHUTIBHUSHAN BHATTACHARYYA.
 MUZAFFER AHMED CHAUDHURI.
 CHINMOY CHOWDHURY.
 THOMAS HANLEY CLANCY.
 ALFRED BERNARD CRAMP.
 JOHN STUART DUNCAN.
 DENIS JOHN DWYER.
 FOUAD MOHAMED MOHAMED EL-SAKKAR.
 SUSAN ELIZABETH FAIRLIE.
 CYRIL EDWIN FISCIAN.
 MARIANNE GITHENS.
 PRABHASCHANDRA GOSWAMI.
 DENIS KINGSFORD GREENSTREET.
 JOSEPH RAYMOND GRODIN.
 LAXMI NARAIN GUPTA.
 RUTH RYAN HAWKINS.
 JACK GERALD HELFENSTEIN.
 MALCOLM ROBERT HILL.
 HERBERT HENRI EDUARD HYMANS.
 DHARMASOKA LAKSIRI JAYASURIYA.
 CHANDRA JAYAWARDENA.
 KANAGARATNAM JEYARATNAM.
 CONSTANTINE KEVORK.
 MICHAEL LEIFER.
 JACK GREVILLE BARLOW LYLE.
 THOMAS BRUCE MILLAR.
 MOHAMMAD ABDUL MUTTALIB.
 KHIN MAUNG NYUNT.
 GERAINT BURTON PARRY.
 STEVE GABRIEL PEITCHINIS.
 HIS ROYAL HIGHNESS PRINCE PETER OF GREECE AND DENMARK.
 TURAYUR ANANTHAN RAMASUBBAN.
 ARUNAGIRI RAMASWAMI.
 SUNIL RAYCHAUDHURI.
 NEIL RUNCIE.
 THEODORE ROBERT SANSOM.
 ADYA SHARAN.
 AKHTAR HUSAIN SIDDIQI.
 HAROLD PATRICK SLATER.
 FREDERICK GEORGE STAMBROOK.
 ROBERT LESTER WEINBERG.
 DAVID EDWARD WILLIAMS.
 JOHN GRAHAM WOOTTON.

D.Sc.(Econ.)

1959-60

RONALD STANLEY EDWARDS.

DIPLOMAS

Academic Postgraduate Diploma in Anthropology

1960 MARY TERESA SPENS.

Academic Postgraduate Diploma in Law

1959 ROBERT THEODORE COLE.
PARVIZ OWSIA.
TOMASZ STANISLAW SROKA.

CERTIFICATES

Certificate in Social Science and Administration

PASS

1960 MARGARET ANN ADAMSON.
ROBERT ANDERSON.
GEORGE JOHN ANSELL.
MARIA ANTONINA WALENTYNA BADOWICZ.
PENELOPE JANE BALCHIN.
BERYL ANNETTE BENJAMIN.
HELEN MARGARET BRAVERMAN.
MARGARET ELIZABETH BROWN.
CAROLINE ANN CADBURY.
SHONA ELIZABETH CAMPBELL.
SIP-MENT CHUA (Overseas Option).
MARGARET JUNE CONEY.
TERENCE ROBERT ALFRED COOPER.
THELMA JEANETTE CORBY.
OLIVE COTTERILL.
DIANA DANIELL.
ROSALIE JEAN DATHORNE (Overseas Option).
PETER EDWARD SIDNEY DAVIE.
ROSE ALBINIA DONALDSON.
ELIZABETH JOY DUNSTER.
ROSEMARY FIRTH.
JACQUELINE HAZEL FRITH.
VERONICA MARY GASCOIGNE.
SUSAN MARY GILL.
MARY GREENWAY.
DOROTHY CHARLTON GRIEVES.
JULIA LESLEY WAKEFIELD HALE.
BRIAN EDWARD HANKINS.
SHEILAH MAUREEN HARRISON.
MARTHA ANN HEES.
CHARLES WILLIAM HOCKING.
DAVID GEOFFREY HUXTABLE.
JANET JOHNSON.
JUDITH ADRIENNE KING.
PATRICIA MARGARET LAMBERT.
MARGARET LATIMER.
JEAN ELIZABETH MALIPHANT.
ROSALIND MALSEED MATHERS.
JANE BERYL MATTHEWS.
GILLIAN WINIFRED MILES.
MICHAEL MOSLEY.
SHIRLEY MARGARET ELIZABETH NASH.

Certificate in Social Science and Administration—*continued*

1960 DOROTHY RITSON NEW.
JENNIFER POOLE.
SIMON ARTHUR JOHN PRATT.
ANN RACE.
ANNIE LAUDER RITCHIE.
CAROLINE MARY RUSSELL.
JUDY PAULINE SMITH.
MARION WINIFRED SMITH.
JUSTINA SPENCER-KNOTT.
HILARY JANE STRAUSS.
MARY RENATE JANE TAUSSIG.
ORIWELL TERANG (Overseas Option).
PATRICIA OLIVIA THOMAS.
ASTRID OLIVE THWAITES.
MARIGOLD TRENDELL.
MARIANNE JOAN WADE.
STANLEY WALINETS.
SUSAN MARY WATES.
PETER JOSEPH WEDGE.
*JANET WOODD.

Certificate in Mental Health

DISTINCTION

1960 WENDY PANNELL FLINTOFF.
DAPHNE EILEEN PARKER.

PASS

PAULINA AGGREY-FYNN.
JENNIFER ANDERSON.
SONIA MARGARET INGRAM CARLISH.
DEREK THOMAS CARTER.
PAUL CHARLES CROUCHMAN.
VICTORIA AUDREY DOBBS.
BARBARA ANNE LAMONT DUGON.
HELEN EAVIS.
MARY ELIZABETH EDWARDS.
DIETER GUSTAV GARTNER.
CYNTHIA RHODA GETZ.
LOIS ANNE HARVEY.
SONJA MIRIAM HASLER.
MARIAN HOLT.
ALICE MARY KERNICK.
CHRISTINA PORTER KERR.
ESTHER JANE LAMBOURN.
ALISON KATHLEEN MURPHY.
KATHLEEN MARY OSMOND.
PATRICIA ANN PEARMAIN.
MARGARET ELIZABETH PRESS.
ELIZABETH ARMSTRONG PRYKE.
EDITH MARY RENDLE.
MARGARET ROSSALL.
MARGARET WARBURG.
JEAN WILLIAMS.

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

Certificate in Personnel Administration

DISTINCTION

1960

CHRISTOPHER FRANCIS BRUTON.
MONICA VIDA NUTTON.

PASS

WILLIAM MARTIN DYAS.
PHILIP OWEN EVANS.
KAPAL DEV GUPTA.
JENNIFER MARGARET HOARE-SCOTT.
ROBERT LESLIE HORWOOD.
ALICE EMILY NELSON HOULTON.
MARY ANNE JARDIM.
JAGDISH CHANDRA JOSHI.
ANNE ELIZABETH KING.
MICHAEL THOMAS LING.
RONALD JAMES RICHARD McDOUGALL.
VIVIEN LOUISA MEE.
REGINALD HUGH PRINCE.
SYED ANWAR RASHID.
AJIT KUMAR SARKAR.
GOBIND PARKASH SEHGAL.
RUCHI RANJAN SEN.
RONALD SMETHURST.
JOHN ALFRED STANLEY.
GERALD EDWIN YATES.

Certificate in Applied Social Studies

DISTINCTION

1960

JUNE ELIZABETH BURGESS.

PASS

STANLEY EDWARD ABLEWHITE.
CAROLE DORA ABRAHAMS.
MARGARET FRANCES ADCOCK.
YVONNE MURIEL AUGER.
HELENA MARGIT BOLDERSON.
BRIDGET PATIENCE PENTON BROWN.
ANGELA MARY BURDETT CAMPBELL.
MARY ELAINE CONNOLLY.
ANN MARGARET DAVISON.
PEGGY ANNE DICK.
JOAN MARGARET EDMONDS.
COLIN JAMES EDWARDS.
JEAN PATRICIA ELLIOTT.
SUSAN ENSOR.
RICHARD CHARLES OVERTON GASTER.
JOHN COURTNEY HAINES.
MARGARET RUTH HARRUP.
THOMAS HILL.
MARY HUTTON.
RICHARD ANDREW JEFFRIES.
ANGELA SYBIL JOAN MACLENNAN.
ELIZABETH ANN MOORE.

Certificate in Applied Social Studies—continued

1960

ANGELA MARY NOLAN.
DOROTHY CAROLE NYE.
KAREN JANE ELIZABETH OXBY PARKER.
JANET PETTINGER.
JAMES BRIAN HOPE SCOTT.
COLIN SHIPLEY.
HELOISE DE MOUILPIED TINDAL.
MARGARET ANN CHRISTINE WALTON.
RENEE MARIE WEBER.
CAROLE ANN WHITBY.
DOREEN WILSON.
PRISCILLA JANET WINTERS.

Certificate in International Studies

1960

TAHSIN MOHAMMAD AMIN.
LAUREL BRENTON FRANCIS.
CHARLES RAYMOND GRADER.
JOSEPH OSCAR RICHARD MCKINNON.
BERNARD GEORGE MULLINS.
HANS GEORG RUDOFSKY.
ROBERT KENT TOOMBS.

Special Certificate in International Studies

1960

WILLIAM GEORGE O'BRIEN.

Publications

BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1959 TO
30 SEPTEMBER 1960

Anthropology

DR. B. BENEDICT:

"A Note on Marriage" (*Population Census of the Seychelles Colony*, 1960).

PROFESSOR R. W. FIRTH:

Social Change in Tikopia: Re-Study of a Polynesian Community after a Generation (George Allen and Unwin, Ltd., 1959).

"Problem and Assumption in an Anthropological Study of Religion" (The Huxley Memorial Lecture, 1959, *Journal of the Royal Anthropological Institute*, Vol. 89, Pt. 2, July-December 1959).

"Ritual Adzes in Tikopia" in J. D. Freeman and W. R. Geddes (Eds.), *Anthropology in the South Seas: Essays presented to H. D. Skinner* (Thomas Avery and Sons Ltd., New Plymouth, New Zealand, 1959).

"A Polynesian Aristocrat (Tikopia)" in J. B. Casagrande (Ed.), *In The Company of Man: Twenty Portraits by Anthropologists* (Harper and Brothers, 1960).

"Tikopia Woodworking Ornament" (*Man*, Vol. LX, February 1960).

"The Plasticity of Myth: Cases from Tikopia" (*Ethnologica, n.f.2—Völkerkundliche Forschungen: Martin Heydrich zum 70. Geburtstag*, E. J. Brill, 1960).

"Succession to Chieftainship in Tikopia" (*Oceania*, Vol. XXX, 1960).

DR. M. FREEDMAN:

(With M. G. Swift) "Rural Sociology in Malaya" (*Current Sociology*, Vol. VIII, No. 1, 1959).

"Die jüdische Gemeinde in der Diaspora" in D. Goldschmidt et al (Eds.), *Soziologie der Kirchengemeinde*, Ferdinand Enke Verlag, Stuttgart, 1960.

"The Relations of Race: A Review of New Writing" (*British Journal of Sociology*, Vol. XI, No. 1, March, 1960).

"The Growth of a Plural Society in Malaya" (*Pacific Affairs*, June 1960).

"A Note on the Social Organisation of a Rural Area of Greater Djakarta" (*Man*, June 1960).

MR. E. A. GELLNER:

"The Concept of Kinship" (*Philosophy of Science*, Vol. 27, No. 2, April 1960).

DR. L. P. MAIR:

"Mise en Valeur de Terres pour Africains au Kenya" (*Journal de Sociologie*, No. 1 1960).

DR. A. P. STIRLING:

"A Death and a Youth Club: Feuding in a Turkish Village" (*Anthropological Quarterly*, Vol. 33, No. 1, January 1960).

All entries on Social Anthropology in *The Caxton Encyclopaedia* (The Caxton Publishing Co., January 1960).

Criminology

MR. A. N. LITTLE:

"The Indeterminate Sentence" (*British Journal of Delinquency*, Vol. X, No. 3, January 1960).

PUBLICATIONS

77

DR. H. MANNHEIM:

Editor, and Introduction, *Pioneers in Criminology* (Northwestern University, Chicago; Stevens and Sons Ltd., London, 1960).

Deutsche Strafrechtsreform in englischer Sicht (Verlag C. H. Beck, München und Berlin, 1960).

"Crime. A Post-War Survey" (*Encyclopaedia Britannica Book of the Year*, 1960).

"The Criminological Significance of the Family" (*Bulletin de la Société internationale de Criminologie*, 1er. Semestre, 1960).

"Suicide" (*The Oxford Lawyer*, Vol. 3, No. 1, Trinity 1960).

(Review Article) "Crime and Society" (*The Jewish Journal of Sociology*, Vol. II, No. 1, June 1960).

Notes in *The British Journal of Delinquency*, Vol. X.

DR. T. P. MORRIS:

"The Treatment of Young Offenders: Notes and Criticisms" (*British Journal of Delinquency*, Vol. X, No. 3, January 1960).

"Report of the Commissioners of Prisons, 1958: Notes and Criticisms" (*British Journal of Delinquency*, Vol. X, No. 3, January 1960).

"The Prison as a Small Society" (Chapter in *Penal Practice in a Changing Society: A Critical Examination of the Government White Paper*, Institute for the Study and Treatment of Delinquency, 1960).

"Some Comments on Crime and Corrections in America" (*Howard Journal*, Vol. X, No. 3, 1960).

MR. J. E. HALL WILLIAMS:

"The Sentencing Policy of the Court of Criminal Appeal" (*Howard Journal*, Vol. X, No. 3, 1960).

"Sex Offences: The British Experience" (*Law and Contemporary Problems*, Vol. XXV, No. 2, Spring 1960).

"Time Spent Awaiting Trial" (Critical Notice, *The British Journal of Criminology*, Vol. 1, No. 1, July 1960).

Demography

MR. N. H. CARRIER:

(With P. J. Koblenzer) "The Fertility, Mortality and Nuptiality of the Rungus Dusun" (*Population Studies*, March 1960).

"The Birth Rate", "The Death Rate", "Infant Mortality" and "Population" (*The New Universal Encyclopaedia*, Autumn 1960).

MR. J. HAJNAL:

"Artificial insemination and the frequency of incestuous marriages" (*Journal of the Royal Statistical Society*, Series A, June 1960).

Economics

DR. J. AGASSI:

(With K. Klappholz) "Methodological Prescriptions in Economics: A Rejoinder" (*Economica*, May 1960).

MR. R. F. G. ALFORD:

(With H. B. Rose) "The Radcliffe Report and Domestic Monetary Policy" (*London and Cambridge Economic Service Bulletin*, December 1959).

(With H. B. Rose) "Home Finance" (*London and Cambridge Economic Service Bulletin*, March 1960).

"A Taxonomic Note on the Multiplier and Income Velocity" (*Economica*, February 1960).

MR. G. C. ARCHIBALD:

- "Utility, Risk, and Linearity" (*Journal of Political Economy*, October 1959).
 "Welfare Economics, Ethics, and Essentialism" (*Economica*, November 1959).
 "Testing Marginal Productivity Theory" (*Review of Economic Studies*, Summer 1960).

MR. R. P. BROOKER:

- "Some Limitations on the Security Afforded by a Floating Charge" (*The Solicitor*, February 1960).
 "Some Aspects of Unsecured Creditor Protection" (*The Solicitor*, May 1960).
 Memorandum of Evidence for the Committee for Company Law Amendment.

PROFESSOR E. H. PHELPS BROWN:

- "The Importance of Works Agreements" (*Personnel Management*, 42, 351, March 1960).
 "Les négociations collectives en Grande-Bretagne" (*Sociologie du Travail*, April-June 1960).

DR. B. A. CORRY:

- "Malthus and Keynes—A Reconsideration" (*Economic Journal*, December 1959).

DR. A. B. CRAMP:

- "Horsley Palmer on Bank Rate" (*Economica*, November 1959).

MR. A. C. L. DAY:

- "The World Liquidity Problem and the British Monetary System" (Evidence to the Radcliffe Committee, H.M.S.O.).
 "The Case for British Entry into the European Economic Community" in G. D. N. Worswick, *The Free Trade Proposals* (Basil Blackwell, Oxford).
 "The European Free Trade Association" (*London and Cambridge Economic Service Bulletin*, December 1959).
 "The Economics of Defence" (*Political Quarterly*, December 1959).
 (With S. T. Beza) *Money and Income* (Oxford University Press, New York, 1960) (American version of *Outline of Monetary Economics*).
 "The Radcliffe Report—an Appraisal" (*Journal of the Indian Institute of Bankers*, June 1960).
 "The Radcliffe Report—and now for the Critics" (*The Banker*, June 1960).
 "Britain and the Common Market" (*The Listener*, 7 July 1960).
 "The Economic Background to Labour Party Policy" (*Political Quarterly*, July 1960).

PROFESSOR E. DEVONS:

- (Review Article) "A Study in Central Planning" (*The Guardian*, 2 October 1959).
 "The End of the Dollar Problem?" (*Irish Bank Review*, June 1960).
 "Our Place in the Shifting Pattern of World Trade" (*Financial Times Review* 1960, July 1960).

MR. H. C. EDEY:

- "The Radcliffe Analysis of Credit Policy" (*The Times Review of Industry*, October 1959).
 "The Finance of Industry" (*Accountancy*, October 1959).

MR. J. R. GOULD:

- "The Firm's Demand for Intermediate Products" (*Economica*, February 1960).
 "The Pricing of Transactions between Members of a Group of Companies" (*Accountancy*, June 1960).

MR. K. KLAPPHOLZ:

- (With J. Agassi) "Methodological Prescriptions in Economics: A Rejoinder" (*Economica*, May 1960).

MR. A. D. KNOX:

- "Trade and Customs Union in the West Indies" in G. E. Cumper (Ed.), *The Economy of the West Indies* (University College of the West Indies, 1960).
 "Economic Aid to Underdeveloped Countries" (*The Annual Register of World Events*, 1959, Longmans Green & Co. Ltd., 1960).

DR. K. J. LANCASTER:

- "Welfare and Expanded Choice—Proof of the General Case" (*Economic Journal*, December 1959).
 "Mrs. Robinson's Dynamics" (*Economica*, February 1960).

DR. 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*, February 1960).

DR. H. MAKOWER:

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Statistics of Students

Analysis of Regular, Intercollegiate and Occasional Students, 1953-61

	Session 1953-54	Session 1954-55	Session 1955-56	Session 1956-57	Session 1957-58	Session 1958-59	Session 1959-60	Session 1960-61
REGULAR STUDENTS—								
First Degree	1345	1397	1516	1524	1519	1506	1497	1466
Higher "	420	421	424	461	522	567	593	633
Other Regular (including Research Fee)	486	475	490	463	488	458	509	576
TOTAL OF REGULAR STUDENTS	2251	2293	2430	2448	2529	2531	2599	2675
INTERCOLLEGIATE STUDENTS	853	839	879	1039	1000	1078	1160	1076
OCCASIONAL STUDENTS—								
Terminal Composition Fee	47	45	44	53	43	30	42	52
Other Occasional	265	292	323	290	292	266	229	305
Colonial Officers' Course	8	—	—	—	—	—	—	—
Oversea Services Course	—	1	—	—	—	—	—	—
TOTAL OF OCCASIONAL STUDENTS	320	338	367	343	335	296	271	357
GRAND TOTAL	3424	3470	3676	3830	3864	3905	4030	4108

Analysis of Overseas Students, 1953-61

	Session 1953-54	Session 1954-55	Session 1955-56	Session 1956-57	Session 1957-58	Session 1958-59	Session 1959-60	Session 1960-61
REGULAR	625	684	687	739	818	881	923	989
OCCASIONAL	166	126	214	171	124	139	160	178
TOTAL	791	810	901	910	942	1020	1083	1167

Analysis of Regular, Intercollegiate and Occasional Students, 1959-61

REGULAR STUDENTS.	SESSION 1960-61					SESSION 1959-60					Grand Total.				
	DAY STUDENTS.		EVENING STUDENTS.		Grand Total.	DAY STUDENTS.		EVENING STUDENTS.		Grand Total.					
	Men	Women	Total.	Men		Women	Total.	Men	Women			Total.			
B.Sc.(Economics) .. Part I Final	512	59	571	849	107	21	128	531	15	546	1040	142	15	157	1056
B.Sc.(Economics) .. Part II Final	253	25	278	849	59	4	63	234	7	241	1040	50	7	57	1056
B.A.(Sociology) .. 1st year Final	6	13	19	60	107	21	128	6	15	21	151	142	15	157	157
B.A.(Sociology) .. 2nd and subsequent years	10	31	41	151	59	4	63	9	37	46	151	10	37	47	157
B.Sc.(Sociology) .. 1st year Final	18	13	31	91	107	21	128	9	10	19	151	142	15	157	157
B.Sc.(Sociology) .. 2nd and subsequent years	26	34	60	151	59	4	63	6	37	43	151	10	37	47	157
LL.B. .. Inter.	34	8	42	135	9	3	12	32	36	68	157	8	36	44	165
LL.B. .. Part I Final	41	2	43	135	6	1	7	42	4	46	163	8	10	18	165
LL.B. .. Part II Final	47	3	50	135	9	9	18	53	3	56	163	10	6	16	165
B.A. Honours Anthropology: 1st year Final	1	1	2	10	1	1	2	2	3	5	112	2	3	5	119
B.A. Honours Anthropology: 2nd and subsequent years	4	4	8	10	4	4	8	3	3	6	112	3	3	6	119
B.A. Honours Geography: 1st year Final	8	3	11	33	8	3	11	7	2	9	112	7	2	9	119
B.A. Honours Geography: 2nd and subsequent years	17	5	22	33	17	5	22	19	8	27	112	19	8	27	119
B.A. Honours History: 1st year Final	11	3	14	46	11	3	14	12	5	17	112	12	5	17	119
B.A. Honours History: 2nd and subsequent years	26	6	32	46	26	6	32	26	15	41	112	26	15	41	119
B.A. Honours Philosophy and Economics .. 1st year Final	8	2	10	23	8	2	10	6	2	8	112	6	2	8	119
B.A. Honours Philosophy and Economics .. 2nd and subsequent years	11	2	13	23	11	2	13	5	2	7	112	5	2	7	119
M.Sc.(Economics) .. 1st year	70	19	89	165	37	8	45	76	13	89	633	32	7	39	642
M.Sc.(Economics) .. 2nd and subsequent years	64	12	76	165	61	8	69	64	10	74	633	61	10	71	704
M.Sc. .. 1st year	5	1	6	7	1	1	2	3	3	6	633	3	3	6	639
M.Sc. .. 2nd and subsequent years	19	1	20	7	11	3	14	21	1	22	633	21	1	22	654
Ph.D. .. 1st year	102	7	109	378	68	7	75	94	12	106	633	67	9	76	712
Ph.D. .. 2nd and subsequent years	25	1	26	40	8	7	15	16	12	28	633	8	12	20	653
LL.M. .. 1st year	13	1	14	40	6	3	9	11	2	13	633	11	2	13	644
LL.M. .. 2nd and subsequent years	22	5	27	37	11	4	15	16	9	25	633	11	9	20	653
M.A. .. 1st year	6	4	10	37	15	6	21	10	3	13	633	13	3	16	649
M.A. .. 2nd and subsequent years	6	4	10	37	15	6	21	10	3	13	633	13	3	16	649
Academic Postgraduate Diploma in Anthropology	—	—	—	—	—	—	—	1	2	3	—	—	—	—	3
Academic Postgraduate Diploma in Social Studies in Tropical Territories	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Academic Postgraduate Diploma in Law ..	8	1	9	9	3	—	3	4	—	—	12	4	—	—	16
Academic Postgraduate Diploma in Psychology ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Academic Postgraduate Diploma in Public Administration	4	1	5	5	—	—	—	—	—	—	5	—	—	—	5
Certificate in International Studies ..	11	3	14	14	—	—	—	13	2	15	14	—	—	—	15
Certificate in Social Science: one year course: 1st year	17	42	59	—	—	—	—	5	42	47	—	—	—	—	—
Certificate in Social Science: one year course: 2nd year	12	21	33	—	—	—	—	13	33	46	—	—	—	—	—
Certificate in Social Science: two year course: 1st year	13	34	47	—	—	—	—	18	46	64	—	—	—	—	—
Certificate in Social Science: two year course: 2nd year	17	7	24	—	—	—	—	18	27	45	—	—	—	—	—
Certificate Personnel Administration	5	30	35	227	—	—	—	8	28	36	227	—	—	—	227
Certificate in Mental Health	4	25	29	—	—	—	—	5	28	33	—	—	—	—	—
Diploma in Economic and Social Administration ..	16	3	19	19	—	—	—	—	—	—	19	—	—	—	—
Diploma in Operational Research ..	4	1	5	5	—	—	—	—	—	—	5	—	—	—	—
Course in Business Administration ..	20	—	—	20	—	—	—	24	—	—	20	—	—	—	24
Course in Trade Union Studies ..	16	1	17	17	—	—	—	7	1	8	17	—	—	—	17
Course in Industrial Financing ..	15	—	—	15	—	—	—	16	—	—	15	—	—	—	17
Overseas Services Course B ..	13	1	14	14	—	—	—	10	—	—	14	—	—	—	14
Other Regular Students ..	55	19	74	74	1	—	—	44	24	68	74	1	—	—	69
Research Fee .. 1st year	99	20	119	134	12	1	13	87	14	101	152	16	3	19	142
Research Fee .. 2nd year	13	2	15	134	5	—	5	16	2	18	152	4	—	4	142
TOTAL OF REGULAR STUDENTS ..	1703	476	2179	2179	430	66	496	1625	478	2103	2675	439	57	496	2599
INTERCOLLEGIATE STUDENTS	37	74	111	111	—	—	—	36	68	104	111	—	—	—	104
Arts ..	205	11	216	216	—	—	—	229	36	265	216	—	—	—	265
Economics ..	0	—	—	—	—	—	—	1	—	1	0	—	—	—	1
General ..	75	8	83	83	—	—	—	44	4	48	83	—	—	—	48
Higher degree ..	285	62	347	347	63	13	76	349	72	421	423	54	7	61	482
Laws ..	222	12	234	234	—	—	—	242	18	260	234	—	—	—	260
Science ..	833	167	1000	1000	63	13	76	901	198	1099	1076	54	7	61	1160
Total of Intercollegiate Students ..	1703	476	2179	2179	430	66	496	1625	478	2103	2675	439	57	496	2599
OCCASIONAL STUDENTS	40	11	51	51	1	—	1	30	11	41	52	1	—	—	42
Terminal Composition Course ..	123	49	172	172	118	15	133	91	41	132	305	89	8	97	229
Other Occasional Students ..	163	60	223	223	119	15	134	121	52	173	357	90	8	98	271
Total of Occasional Students ..	833	167	1000	1000	63	13	76	901	198	1099	1076	54	7	61	1160
Total of Intercollegiate Students ..	1703	476	2179	2179	430	66	496	1625	478	2103	2675	439	57	496	2599
GRAND TOTAL ..	2699	703	3402	3402	612	94	706	2647	728	3375	4108	583	72	655	4930

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

	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61
Balkan States ..	31 (25)	41 (32)	53 (51)	55 (49)	62 (55)	53 (49)
France	10 (6)	15 (7)	7 (5)	16 (9)	7 (3)	10 (4)
Germany	22 (9)	24 (7)	29 (19)	21 (10)	28 (12)	36 (11)
Holland	4 (3)	6 (4)	3 (3)	7 (3)	4 (3)	4 (2)
Italy	12 (4)	9 (4)	11 (10)	13 (10)	11 (9)	15 (8)
Poland	—	—	5 (5)	12 (11)	7 (7)	4 (3)
Russia	—	1 (—)	4 (3)	2 (1)	1 (1)	1 (1)
Scandinavia ..	18 (11)	10 (5)	14 (11)	8 (5)	15 (8)	18 (16)
Switzerland ..	19 (1)	12 (6)	17 (10)	12 (5)	13 (8)	16 (6)
Others	26 (19)	31 (18)	37 (29)	47 (38)	55 (41)	42 (36)
<i>Total Europe</i> ..	<i>142 (78)</i>	<i>149 (83)</i>	<i>180 (146)</i>	<i>193 (141)</i>	<i>203 (147)</i>	<i>199 (136)</i>
Burma	9 (9)	7 (7)	6 (5)	—	7 (6)	9 (9)
Ceylon	21 (19)	18 (15)	20 (18)	19 (17)	14 (14)	18 (17)
China	—	2 (1)	2 (1)	—	2 (2)	—
India	123 (99)	116 (105)	121 (116)	136 (130)	134 (126)	143 (139)
Pakistan	38 (34)	34 (33)	34 (31)	41 (36)	29 (29)	30 (28)
Israel	32 (24)	27 (24)	24 (21)	20 (16)	19 (13)	28 (24)
Japan	13 (7)	14 (9)	11 (9)	15 (10)	13 (9)	17 (12)
Others	84 (68)	91 (68)	96 (78)	85 (77)	91 (80)	92 (84)
<i>Total Asia</i> ..	<i>320 (260)</i>	<i>309 (262)</i>	<i>314 (279)</i>	<i>316 (286)</i>	<i>309 (279)</i>	<i>337 (313)</i>
Ghana (included in Others up to 1955-56) ..	—	28 (25)	29 (28)	30 (27)	28 (26)	23 (20)
Nigeria (included in Others up to 1959-60) ..	—	—	—	—	—	87 (79)
Egypt	19 (15)	13 (12)	7 (7)	14 (10)	19 (16)	21 (20)
South Africa ..	19 (14)	22 (19)	20 (16)	24 (20)	26 (22)	28 (25)
Others (including Ghana up to 1955-56) ..	106 (102)	103 (96)	115 (112)	113 (109)	125 (123)	48 (46)
<i>Total Africa</i> ..	<i>144 (131)</i>	<i>166 (152)</i>	<i>171 (163)</i>	<i>181 (166)</i>	<i>198 (187)</i>	<i>207 (190)</i>
Canada	53 (36)	45 (40)	45 (37)	56 (52)	81 (73)	78 (69)
United States ..	137 (98)	145 (115)	142 (115)	181 (154)	193 (158)	209 (168)
<i>Total North America</i>	<i>190 (134)</i>	<i>190 (155)</i>	<i>187 (152)</i>	<i>237 (206)</i>	<i>274 (231)</i>	<i>287 (237)</i>
W. Indies (incl. Cent. Amer. up to 1958-59) ..	—	—	—	—	30 (3)	39 (38)
Central America (incl. W. Indies up to 1958-59)	39 (37)	39 (36)	39 (35)	42 (38)	7 (4)	11 (7)
South America ..	34 (22)	29 (24)	19 (14)	19 (16)	39 (23)	57 (41)
Australia	26 (20)	23 (22)	26 (23)	25 (22)	19 (19)	24 (21)
New Zealand ..	6 (5)	4 (4)	6 (6)	6 (5)	3 (2)	6 (6)
Fiji	—	1 (1)	—	1 (1)	1 (1)	—
<i>Oceania</i>	<i>32 (25)</i>	<i>28 (27)</i>	<i>32 (29)</i>	<i>32 (28)</i>	<i>23 (22)</i>	<i>30 (27)</i>
Total	901 (687)	910 (739)	942 (818)	1020 (881)	1083 (923)	1167 (989)

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.

First Degrees

(1) 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. 147 to 170 below. Full details may be found in the University of London Entrance Regulations and the regulations for degrees and diplomas. The former may be obtained from the Secretary, University Entrance Requirements Department and the latter from the Academic Registrar, Senate House, W.C.1.

(2) Persons seeking admission to courses for first degrees 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 sought. Applications received after this date may be considered only if vacancies remain.

(3) No person under the age of 18 years will be admitted as a student without the Director's special permission. Any candidate who wishes to enter the School before his eighteenth birthday should state his reasons in his application.

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

(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 usually expects candidates to have reached a standard well above the pass mark in their qualifying examinations. It 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.¹

(6) Applicants from overseas seeking admission to first degree courses and who do not hold the relevant British qualifications, will be required to have obtained a degree from an approved 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) Applicants from overseas, whether resident abroad or in the United Kingdom at the time of their application, are required before they are accepted to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £450 to £500 a year. They may also be asked to provide a medical certificate.

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

(10) 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

¹ The examination will be held in March or April and will consist of one three-hour paper containing questions of a general nature. A fee of £1 is payable to the School and candidates are expected to be responsible for any local expenses that may arise if special arrangements are made on their behalf.

state this fact when applying for admission to the School. Students failing to disclose this fact are liable to have their registration cancelled.

Further information about the courses offered by the School may be found in the following pages:—

First Degree Courses: pp. 149–170.

Courses for Academic Diplomas of the University of London: pp. 174–182.

Courses for Diplomas and Certificates awarded by the School: pp. 183–199.

Special Courses: pp. 224–229.

The Graduate School and Regulations for Higher Degrees: pp. 200–221.

I. GENERAL COURSE STUDENTS

(1) A student who wishes to attend lectures for a single year and to receive some tuition may apply for admission in this category. The fee is £75 per session.

(2) This course is suitable for graduates and suitably qualified undergraduates who have spent at least two years at a foreign university. Only a strictly limited number is admitted each year, and ordinarily only students who are prepared to spend three terms at the School will be considered.

(3) A person seeking admission as a General Course student should obtain a form of application from the Registrar of the School and return it before 1 May before the opening of the session in which he wishes to attend.

(4) Each student will be interviewed on arrival by the supervisor to General Course students and will be expected to attend an introductory lecture about the system of teaching in this School.

(5) He will be allocated to a tutor who will act as a general supervisor of his work.

(6) He may use the library without payment of an additional fee.

(7) Towards the end of a year of study, he may apply to write not more than two examination papers in subjects of his own choosing.

(8) At the end of his course he will, on request, be given a typed certificate of registration.

(9) Students who wish to collect credits for foreign universities, especially Americans spending their Junior year abroad, should apply for this type of registration. It must be understood, however, that the School does not grade students or award credits on the American model.

Students who wish to attend for this purpose should, therefore, consult their supervisor at their home universities to find out whether this type of course is acceptable before committing themselves to attendance here.

2. COMPOSITION FEE STUDENTS

(1) A student who wishes to attend lectures without supervision may apply for admission in this category. The fee is £50 per session.

(2) Normally only graduates and other mature students may be accepted for this course.

(3) A person seeking admission as a composition fee student should obtain a form of application from the Registrar of the School and return it before 1 June before the opening of the session in which he wishes to attend.

(4) Registration in this category permits a student to attend lecture courses but does not entitle him to attend tutorial, seminar or discussion classes. Teaching facilities are strictly limited to attendance at lectures.

(5) On arrival, a student may attend an introductory talk given by a member of the academic staff who will explain to him the system of teaching in this School.

(6) He will also be given a preliminary interview with a member of the academic staff who will assist him in drawing up a programme of study, but no further supervision will be available.

(7) He may use the library without payment of an additional fee.

(8) At the end of his course a student will, on request, be given a typed certificate listing the lectures for which he was registered, but this certificate does not include a detailed record of attendance.

3. OCCASIONAL STUDENTS

(1) Occasional students are entitled to attend up to five lecture courses, i.e. five hours a week, throughout the session. They are normally required to enrol for a complete course or for one term; registration for single lectures is not possible. The fee for most courses is 7s. 6d. per hour.

(2) A person seeking admission as an occasional student should obtain a form of application from the Registrar of the School and return it at least six days before the opening of the term in which he wishes to attend.

(3) Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of occasional students may be accepted. The claims of graduate students proceeding to further studies will receive special consideration.

Candidates for external degrees of this University may not normally be registered as occasional students.

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

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

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

(7) At the end of his attendance a student will, on request, be given a typed certificate listing the lectures for which he was registered, but this certificate will not include a detailed record of attendance.

UNIVERSITY REGISTRATION

(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 1961-62. They will be increased with effect from the beginning of the session 1962-63. Details will be announced later.)

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.¹

(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 214)".

(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

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

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

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All first degrees ¹ Academic Diplomas in Anthropology Psychology Public Administration Statistics Diplomas in Economic and Social Administration Personnel Management Social Administration Certificate in International Studies One-year Graduate Course in Business Administration Trade Union Studies Course Composition Fee	£50	£18	£17
Academic Diploma in Law	£40	£14	£14
Certificates in Mental Health Applied Social Studies General Course	£75	£27	£25
Diploma in Operational Research	£200 for course (1 or 2 years)		
Industrial Financing	£250 for course (1 year)		

¹ 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.

Note:—

Students taking degrees and Academic Postgraduate 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.

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	£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	£50	£18	£17
Research fee ²	£26	£10	£9
Continuation fee	£9	£4	£3

¹ See footnote on previous page.

² Graduate students undertaking research not leading to a degree, or undertaking studies leading to a higher degree of a university other than London, will be classified as research students and be required to pay the research fee.

Fees for Part-time Graduate Courses¹

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
LL.M.	£50	£18	£17
All higher degrees (except LL.M.) ²	£13	£5	£5
Research Fee	£13	£5	£5
Continuation fee	£5	£3	£2

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 106)

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. Thus, for example, the fee for a course of ten lectures of one hour each is £3 15s.

¹ 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.

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.

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 (Old Regulations)	10	0	0
B.Sc. (Econ.) Part II Final (Old Regulations)	10	0	0
B.Sc. (Econ.) Part I Final (Revised Regulations)	8	0	0
B.Sc. (Econ.) Part II Final (Revised Regulations)	12	0	0
B.Sc. (Sociology)	20	0	0 ¹
LL.B. Part I Final	7	0	0
LL.B. Part II Final	7	0	0
B.A. Final	20	0	0 ¹

Higher Degrees:

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

Academic Postgraduate Diplomas:

Anthropology, Law, Psychology, Public Administration or Statistics	15	0	0
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SCHOOL FEES

Diplomas:

Diploma in Economic and Social Administration	6	0	0
Diploma in Personnel Management	6	0	0
Diploma in Social Administration	6	0	0

Certificate:

International Studies	6	0	0
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¹ Main subject £18 os. od., Subsidiary subject £2 os. od.

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 133.
- (2) The S. H. Bailey Scholarship in International Studies, page 126.
- (3) The Scholarship in International Law, page 127.

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.

The Minister of Education has announced that State Scholarships will be awarded in 1961 and 1962, but not thereafter. In consequence of this decision, the regulations for the award of

scholarships marked with an asterisk are being revised. An announcement will be made in due course.

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.¹

(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 ²
		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 the Secretary of the London Intercollegiate Scholarships Board, University of London, Senate House, W.C.1.

¹ Candidates will be given the choice between writing an essay and writing on questions of general interest.

² 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.

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.
- (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 1962.
- (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 104) or to submit an essay on an approved topic. Selected candidates will be interviewed and in consequence overseas applicants cannot be considered unless they can be available for interview in London in the summer.
- (5) Candidates must be in a position to comply with the University of London requirements for admission to a first degree course or must enter for an examination to enable them to comply with such requirements before 1 October in the year of award.
- (6) Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.
- (7) The 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 diploma or 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 diploma or 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

Major County Awards

The Council offers scholarships to students undertaking degree and diploma courses at universities and university colleges throughout the British Isles, as well as at other approved colleges of further education. Candidates taking degree courses must have passed two subjects at

“ A ” level in the General Certificate of Education (or the equivalent) in order to be considered for an award and they must normally secure exemption from any necessary preliminary, intermediate or first examination.

Awards to Teachers

Teachers in the permanent full-time employment of the Council may be assisted with the fees for courses of evening study leading to degrees, diplomas and certificates.

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 about these awards and exhibitions can be obtained from the Education Officer, The County Hall, Westminster Bridge, S.E.1 (reference WA.13/14).

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, Congress House, Great Russell Street, London, W.C.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, has been awarded by the School biennially. A further announcement about this scholarship will be made in due course.

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 paper on British Government: an Introduction to Politics 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 120.)

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

BRYCE MEMORIAL SCHOLARSHIP*

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

The regulations for this scholarship are:—

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

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

CLOTHWORKERS' COMPANY'S EXHIBITIONS*

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

The regulations for these exhibitions are:—

- (1) The exhibitions are restricted to internal students (men), who must be prepared to take an honours degree and/or to take Holy Orders in the Church of England. Preference will be given to applicants intending to take Holy Orders, but the exhibitions are open to any candidate who is proceeding to an honours degree. (Candidates for the LL.B. degree must have passed the Intermediate examination in Laws.)
- (2) The exhibitions will be tenable for two years.
- (3) They will be available during the second and third years of the degree course.
- (4) Applicants must be British subjects by birth whose income from all other sources, including the emoluments of the exhibition, will not exceed the amount payable to a State Scholar at the University of London.
- (5) Candidates must apply through the Director and applications must reach the Registrar by 15 September in the year of award.

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

METCALFE SCHOLARSHIP*

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

The regulations for this scholarship are:—

- (1) Candidates must be women students who have passed the examination for Part I of the B.Sc. (Econ.) degree.
- (2) The successful candidate will be required to work either as a full-time or as a part-time student of the School for the B.Sc. (Econ.) degree.
- (3) The scholarship will be tenable for one year.
- (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 Monetary 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.

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

The regulations for these studentships are:—

- (1) The studentships will be open equally to men and women graduates of any university.
- (2) Candidates applying for the award are invited to submit any of their original work, whether published or in typescript, which may be regarded as evidence of their capacity for independent research or advanced study.
- (3) Candidates should also submit a detailed scheme of their proposed research.
- (4) Successful candidates will be required to register as students of the School, paying the appropriate tuition fees, and to follow a course approved by the Director.
- (5) A full-time student receiving the maintenance grant may

undertake no work outside his studies without special permission from the Director.

- (6) Transfer during the tenure of the studentship from full-time to part-time studies will entail a proportionate loss of maintenance grant and will be permitted only in exceptional circumstances.
- (7) The studentships will be tenable for one year with a possible extension to two years.

Application should be made on a form which can be obtained from the 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. The value of the maintenance grant will be £300 when held by a student for the academic year immediately following the year in which he graduated, but in all other cases will be £325.

The regulations for these studentships are:—

- (1) The studentships will be open equally to men and women.
- (2) The successful candidates will be required to register as students of the School paying the appropriate tuition fees, and to follow an approved course of research and/or to read for a higher degree of the University of London.
- (3) The subject of research must be approved by the Director.
- (4) A full-time student receiving the maintenance grant may undertake no work other than his research without special permission from the Director. Transfer during the tenure of the studentships from the full-time to the part-time basis consequent on undertaking any considerable outside work will entail a proportionate loss of maintenance grant and will be permitted only in exceptional circumstances.
- (5) The studentships will be tenable at the School for one year only.

Applications should be made on the prescribed form which can be obtained from the 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, plus tuition fees, will be offered annually.

The regulations for these studentships are:—

- (1) The studentships will be open to men and women who are graduates of an oversea university, or expect before October of the year of award to become graduates of such a university.
- (2) No person who is or has been a student of the London School of Economics is eligible.
- (3) Each student will be required to read at the School as a full-time student for a higher degree of the University of London or to follow at the School some other graduate course approved by the Director, and to pay the appropriate fee.
- (4) The awards will be tenable for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.
- (5) Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should state why he wishes to obtain an award and what benefit he hopes to derive from it, and he should supply details of his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two persons whom he should ask to write direct to the 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 £375, in addition to tuition fees, to enable a student from overseas to continue with full-time research at the School leading to a higher degree of the University of London. The award will be made only if there is a candidate of sufficient merit. It will be made in the

Summer Term and announcements concerning it will appear on the appropriate notice-boards in the School at the beginning of that term.

The regulations for this studentship are:—

- (1) The award will be restricted to students who are not graduates of the University of London and who have been registered at the School as graduate students throughout the session previous to that in which they wish to hold the award.
- (2) The value of the studentship will be determined according to the needs of the holder.
- (3) The award will be tenable for one year only.

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 126.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 127.)

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).
Diploma in Operational Research.
Diploma in Personnel Management.
Graduate Course in Theoretical Statistics.

Attention is also drawn to the statement on page 228 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 1963. The studentship is of the value of £500, and is tenable with other emoluments.

The regulations for this studentship are:—

- (1) The student will be elected by a selection committee appointed by the Trustees.
- (2) The studentship will be open equally to men and women.
- (3) Preference will be given, other things being equal, to a candidate offering to study the economic or social history of some country other than the country of his or her usual residence.
- (4) The studentship will be tenable from October of the year of award for one year, with the possibility of renewal for a second year.
- (5) Candidates for the studentship must submit with their applications full particulars of their qualifications, the names of three referees and a scheme of study of some subject in social or economic history.

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

METCALFE STUDENTSHIP

A studentship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University, provided a candidate of sufficient

merit presents herself. Until further notice the value of the studentship will be not less than £120 in the case of a full-time student, and not less than £60 in the case of a part-time student. Candidates who do not know the result of their degree examination may make provisional application.

The regulations for this studentship are:—

- (1) The studentship is tenable at the School and is open to any woman who has graduated in any university of the United Kingdom.
- (2) The successful candidate will be required to register as a student of the School and undertake research in some social, economic or industrial problem to be approved by the University. Preference will be given to a student who proposes to study a problem bearing on the welfare of women.
- (3) The scholarship is tenable for one year in the first instance, but may be renewed for a second year.

Applications must be received not later than 24 May in the year of award, by the Academic Registrar, University of London, W.C.1, from whom further particulars and application forms can be obtained.

LEON FELLOWSHIP

A fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of graduate or advanced research work in any subject, but preferably in the field of Economics or Education. The value of the fellowship will be not less than £800 a year. The fellowship will be offered for award from time to time as funds permit (normally biennially), provided that there is a candidate of sufficient merit.

The regulations for this fellowship are:—

- (1) Candidates need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake advanced research work.
- (2) A scheme of work must be submitted for the consideration of the selection committee.
- (3) Candidates who are graduates must obtain nomination from the head of the institution with which they are connected.
- (4) The fellowship is tenable for one year in the first instance, but may be renewed for a second year.

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

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

UNIVERSITY STUDENTSHIPS

The University proposes to offer one studentship in each of the following subjects: 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 £500, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £500 a year.

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

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

4. Applications must be made on the prescribed form which should reach the Director of the Institute of Historical Research not later than 1 April.

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

JOSEPH SCHOLARSHIP

The Madge Waley Joseph Memorial Scholarship for women, founded in memory of the late Mrs. Madge Waley Joseph, will be

awarded annually and will be of the value of about £40. The scholarship will be awarded alternately to a student of Bedford College and of the London School of Economics. It should be awarded to a student of the School in 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 123-4.)

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 124.)

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 subjects of Statistics or Computational Methods¹ at Part II of the Final B.Sc. (Econ.) examination, the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London.

¹ Students who are reading for the Special subject Computational Methods will be eligible for the award if, in the examinations to be held in 1962 and 1963, they offer one of the papers "Probability and Distribution Theory" and "Theory of Statistical Methods" and, in examinations held under the revised regulations in and after 1964, the paper "Probability, Distribution and Sampling Theory".

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 Monetary Economics, at Part II of the Final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School, whose course of study has been pursued as internal students of the University. It will only be awarded if there is a suitable candidate.

MOSTYN LLOYD MEMORIAL PRIZE

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of £10 in memory of the late Mr. Mostyn Lloyd, who was head of the Department of Social Science from 1922 until 1944. Through the generosity of Mrs. Lloyd the prize in the first years of award amounted to £20. It is awarded by the Director, on the recommendation of the head of the Social Science department, to the best all-round student or students obtaining the Diploma in Social Administration 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 Elementary Statistical Theory by a student at Part I of the Final B.Sc. (Econ.) examination. The prize, which will be given in books, will only be awarded if an adequate standard of excellence has been attained.

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, and essays of not more than 3,000 words in length should be submitted to the Registrar by 31 May.

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

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

1. General Information

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

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

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

Bachelor of Arts with Honours in the following subjects:—

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

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

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

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

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

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

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

2. Degree of Bachelor of Science in Economics

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

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

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

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

In 1961, revised regulations for the B.Sc. (Econ.) degree will come into force and candidates entering the School in October of that year will be required to register under them. No further registrations under the old regulations will be permitted but courses will be provided for students completing their degree courses under those regulations.

On the following pages are set out details of the B.Sc. (Econ.) degree: Revised Regulations. Details of the Old Regulations appear on pp. 155 to 164.

Revised Regulations

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

A student is eligible to present himself for the Part I examination after having satisfactorily attended approved courses extending over one academic year. Part II is normally taken at the end of the third year. The examinations for Part I and Part II will normally be held annually in June and May respectively.

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

PART I

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

	Reference Nos. of Courses.
1. Economics.	10, 32, 40
2. British Government: an Introduction to Politics	575
3. History, <i>either</i> (a) Economic History, <i>or</i> (b) Political History,	260 289, 301

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

(1) Mathematics, <i>either</i> (a) Basic Mathematics <i>or</i> (b) Intermediate Mathematics	926, 927 928, 929
(2) Elementary Statistical Theory	930, 931
(3) Introduction to Logic	485, 485(A), 485(B)
(4) Introduction to Scientific Method	486, 486(A), 486(B)
(5) English Legal Institutions	360, 408
(6) Elements of Social Structure I ¹	836, 837
(7) Structure of International Society I	501, 501(A)
(8) Methods of Social Investigation	930, 939
(9) Principles and Methods of Social Anthropology	640, 641, 660
(10) Psychology	702, 703, 708
(11) An Approved Modern Foreign Language	456-8, 466-8
(12) Geography	185, 186
(13) Economic History of England from the Norman Conquest to 1485	269, 271
(14) Ethics as applied to Problems of Social Organisation	855
(15) Elements of International Law ²	369, 401

Candidates are required to select two alternative subjects according to the following scheme:—

SPECIAL SUBJECT IN PART II	ALTERNATIVE SUBJECTS IN PART I
I. Economics, Analytical and Descriptive.	Any two of the alternative subjects.
II. Monetary Economics.	Any two of the alternative subjects.
III. Industry and Trade ³	(5) English Legal Institutions and <i>either</i> 3(b) Political History <i>or</i> (1) Mathematics (a) <i>or</i> (b) <i>or</i> (3) Introduction to Logic.

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

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

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

SPECIAL SUBJECT IN PART II	ALTERNATIVE SUBJECTS IN PART I
IV. Accounting.	(5) English Legal Institutions and <i>either</i> (1) Mathematics (a) or (b) or (2) Elementary Statistical Theory.
V. Economic History, Modern.	Any two of the alternative subjects.
VI. Economic History, Medieval.	Any two of the alternative subjects.
VII. Government.	Any two of the alternative subjects.
VIII. Sociology.	(6) Elements of Social Structure I and <i>either</i> (8) Methods of Social Investigation or (9) Principles and Methods of Social Anthropology.
IX. Statistics.	(1) (b) Intermediate Mathematics and <i>either</i> (2) Elementary Statistical Theory or (3) Introduction to Logic.
X. Computational Methods.	(1) (b) Intermediate Mathematics and <i>either</i> (2) Elementary Statistical Theory or (3) Introduction to Logic.
XI. International Relations.	Any two of the alternative subjects.
XII. Social Anthropology.	<i>Either</i> (9) Principles and Methods of Social Anthropology or (6) Elements of Social Structure I and any one of the other alternative subjects.
XIII. International History.	Any two of the alternative subjects.
XIV. Geography.	(12) Geography and any one of the other alternative subjects.

Unless he intends to offer Special Subjects V Economic History, Modern, VI Economic History, Medieval or XIII International History at Part II, a student who offers 3 (a) Economic History at Part I will be required to offer Political History at Part II under 2 or 3, where History is taken; and similarly, a student who offers 3 (b) Political History at Part I will be required to offer Economic History if taking History at Part II.

PART II Special Subjects

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

I. Economics, Analytical and Descriptive:—

1. Political Thought
2. *Either* History
or Mathematics
3. *One of the following:—*
Scientific Method
Accounting—Management and Economic Aspects ..
Theory of Statistical Methods
Economic Geography
An approved Modern Foreign Language
Constitutional and Administrative Law
Elements of Commercial Law
Banking Law
International Law¹
Elements of Social Structure II
Mathematics, if not taken under 2 above
Structure of International Society II²
Mathematical Logic

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

² This may be taken only by those who take International Economics under 7 and 8.

4. Economic Principles
5. Problems of Applied Economics
6. *Either* Economic Statistics and Business Accounts
or Statistical Methods in Economics
7. and 8. *Two of the following of which one must be:—*
either History of Economic Thought
or Economics treated Mathematically
Public Finance
Economics of Transport
International Economics¹
Industry and Trade
Agricultural Economics
Economics of Labour
Principles of Monetary Economics
Business Finance

II. Monetary Economics:—

1. Political Thought
2. History
3. *One of the following:—*
Scientific Method
Accounting—Management and Economic Aspects
Economic Geography
An Approved Modern Foreign Language
Constitutional and Administrative Law
Elements of Commercial Law
Banking Law
International Law
Elements of Social Structure II
4. Economic Principles
5. Problems of Applied Economics
6. Principles of Monetary Economics
7. Monetary Institutions
8. *One of the following:—*
History of Economic Thought
International Economics
Economic Statistics and Business Accounts
Public Finance

III. Industry and Trade:—

1. Economic Principles
2. Political Thought
3. Economic Statistics and Business Accounts
4. Business Administration
5. Industry and Trade
6. *Either* Labour, including Law of Labour and Social In-
surance
or Economics of Labour
7. Elements of Commercial Law
8. *One of the following:—*
Accounting—Management and Economic Aspects
Applied Statistics
Business Finance
Economics treated Mathematically
History of Economic Thought

¹ Save that students taking International Economics may take Economics of Transport instead of either History of Economic Thought or Economics treated Mathematically.

IV. Accounting:—

1. Political Thought
2. *Either* History
or Business Administration
or Mathematics
3. Economic Statistics and Business Accounts
4. Economic Principles
5. Problems of Applied Economics
6. Elements of Commercial Law
- 7 and 8. Accounting

V. Economic History, Modern:—

1. Economics
2. Political Thought
3. English Economic History, 1485-1760
4. English Economic History from 1760
- 5 and 6. Economic and Political History of England in *one* of the following periods: *ca.* 1575-1642 or 1830-1886
- 6 and 7. Economic History of the United States of America from 1783
8. *One* of the following:—
Economics of Transport
English Constitutional History since 1660
International History, 1860-1945
International Economic History, 1850-1945
An approved Modern Foreign Language
Scientific Method
Social Philosophy
Elements of Social Structure II
Historical Geography
Political History, 16th-20th Centuries
Social Aspects of Political and Economic Development

VI. Economic History, Medieval:—

1. Economics
2. Political Thought
- 3 and 4. Economic History of England and Western Europe in the Middle Ages.
- 5 and 6. English Economic History, 1377-1485
- 7 and 8. *Two* of the following:—
English Constitutional History to 1485
English Constitutional History since 1660
Economic History of England, 1485-1760
Economic History of England from 1760
International History, 1860-1945
International Economic History, 1850-1945
Economic History of the United States of America from 1783
Medieval Political Ideas
An approved Modern Foreign Language
Scientific Method
Historical Geography
Social Philosophy

VII. Government:—

1. Economics
2. History

3. *One* of the following:—

- English Constitutional History since 1660
 - Constitutional and Administrative Law
 - Elements of Social Structure II
 - International Institutions
 - History of Economic Thought
 - Scientific Method
 - An approved Modern Foreign Language
 - Local Government of England and Wales
4. Political Thought
 5. Political Thought (Set Texts)
 6. The Politics and Government of the United Kingdom
 7. Comparative Political Institutions
 8. *One* of the following:—
Political Philosophy
Contemporary Political Thought
The Politics and Government of a Foreign or Commonwealth Country

VIII. Sociology:—

1. Economics
2. Political Thought
3. History
4. Theory and Methods of Sociology
5. Social Philosophy
6. Social Structure of Modern Britain
7. Essay on a Sociological Subject
8. *One* of the following:—
Demography I
Psychology
Criminology
Comparative Morals and Religion
Political Sociology

IX. Statistics:—

1. *Either* Economic Principles
or Economics treated Mathematically
2. Political Thought
3. Mathematics
4. Probability, Distribution and Sampling Theory
5. Theory of Statistical Methods
- 6 and 7. *Two* of the following:—
Actuarial Statistics
Demography II
Econometrics
Management Mathematics
Social Statistics and Survey Methodology
8. General Statistics
and a practical examination on Papers 4-8.

X. Computational Methods:—

1. *Either* Economic Principles
or Economics treated Mathematically
2. Political Thought
3. Mathematics
4. Management Mathematics
5. Data Processing including Elements of Accounting

- 6 and 7. *Two* of the following:—
 Accounting—Management and Economic Aspects ..
 Computer Programming and Numerical Analysis ..
 Probability, Distribution and Sampling Theory ..
 Social Statistics and Survey Methodology ..
 Statistical Methods in Economics¹ ..
 8. General Statistics
and a practical examination on Papers 4-8.
- XI. International Relations:—
 1. Economics
 2. Political Thought
 3. *Either* History
 or International Law
 4. International History, 1815-1945
 5. International Relations
 6. International Institutions
 7 and 8. *Two* of the following:—
 International Law (if not taken under 3)
 International History (Special Period)
 The Problems of International Peace and Security
 Philosophical and Psychological Aspects of International
 Affairs
 The Geographical and Strategic Aspects of International
 Affairs
 The Interplay between Politics at the Domestic and Inter-
 national Levels
 Sociology of International Law
Either Political and Social Theory
 or An approved Modern Foreign Language
 The Politics of International Economic Relations
- XII. Social Anthropology:—
 1. Economics
 2. *Either* Political Thought
 or Social Aspects of Political and Economic Develop-
 ment
 3. History
 4. General Principles of Cultural and Social Anthropology
 5. Economic and Political Systems
 6. Moral and Ritual Systems
 7. Ethnography of a Special Area
 8. Development of Social Anthropology
- XIII. International History:—
 1. Economics
 2. Political Thought
 3. *One* of the following:—
 Economic History
 Structure of International Society II
 International Law
 An approved Modern Foreign Language
 Historical Geography
 Economic Geography
 4. International History, 1494-1815
 5. Diplomatic Relations of the Great Powers, 1815-1914
 6. International History, 1914-1945

¹ This paper may be selected only by students who take Introduction to Logic, and *not* Elementary Statistical Theory, as an alternative subject at Part I.

7. *One* of the following:—
 The Old Foreign Office, 1815-1861
 The Great Powers and Egypt, 1882-1888
 The Manchurian Crisis, 1931-1933
 Anglo-German Naval Diplomacy, 1933-1939
 8. *One* of the following:—
 International Institutions
 International Economic History, 1850-1945¹
 British-American-Russian Relations, 1815-1914
- XIV. Geography:—
 1. Economics
 2. Political Thought²
 3. History
 4. Physical Geography
 5. Economic Geography
 6. The British Isles
 7. Europe
 8. *One* of the following:—
 Political Geography
 Historical Geography
 Social Geography
 The Geography of an approved Region:—
 either (i) North America
 or (ii) Monsoon Asia
 or (iii) Africa
 Economics of Transport

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

There will be no reference in either Part of the Examination.

A candidate who has satisfied the Examiners at Part I of the Examination and who desires to proceed to Part II of the Examination with a special subject for which his Part I alternative subjects do not qualify him, may apply for permission to proceed to Part II of the Examination without being required to satisfy the Examiners in one or more additional Part I alternative subjects. Each application will be considered on its merits. If the application is refused and such a candidate is required to take one or more additional Part I alternative subjects, he must do so before entering for Part II.

Old Regulations

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.

A student is eligible to present himself for the Part I Examination after having satisfactorily attended approved courses extending over two

¹ This paper may only be taken by students who do not offer Economic History under 3.

² In approved cases students may offer as an alternative to Political Thought an Approved Modern Foreign Language or Economic Statistics and Business Accounts.

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, 33
Applied Economics	40-43
Political History	290, 302
Economic History	259
Elements of Government	574
History of Political Thought	—

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	933
or (b) Elementary Statistical Theory	933-5
(2) Mathematics	940
(3) Logic and Scientific Method	486, 486(A), 486(B)
(4) Accounting	133
(5) Elements of English Law ¹	361-2, 407
(6) Elements of Social Structure	837, 839
(7) The Structure of International Society	502-3
(8) Psychology	—
(9) Principles of Economic and Social Geography	187, 189, 190
(10) International Law	401
(11) An approved Modern Foreign Language	456-8, 466-8
(12) Economic History of England from the Norman Conquest to 1485	271
(13) Physical and Biological Background of Human Geography	188, 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.
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.

¹ 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 IIALTERNATIVE PAPERS IN
PART I

VII. Economic History (Mediæval).	(9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Mediæval Economic History.
VIII. Government.	Identical with Economic History (Modern). Any two of the Alternative Subjects may be selected.
IX. Sociology. ¹	(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. ²	(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.
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. Accounting

¹ 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.

² 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.

are 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		11, 37
(ii) Economic Theory		12-15, 39
(iii) Applied Economics		38, 44-5, 52

Subject	No. of Papers.	Reference Nos. of Courses.
(iv) One of the following:—		
(a) Public Finance		50-1, 54
(b) Economic and Social Problems, treated statistically		680, 939, 941-4
(c) Economic Statistics		23-5, 935-7, 943, 967
(v) Either (a) An Essay on a subject within the field covered by (i), (ii), (iii) and (iv) (a) above,		
or (b) Mathematical Economics		17, 20, 23, 24, 25
II. Money and Banking	5	
(i) Monetary Theory		12, 22, 70, 73, 75, 76, 81, 83, 85
(ii) English Monetary and Banking History		71, 74, 81, 83, 86
(iii) International Monetary Economics		72, 78-80, 82, 101
(iv) Comparative Banking Institutions		76, 77
(v) One of the following:—		
(a) Public Finance		50-1, 54
(b) Business Finance		44, 48-9, 55
(c) Law of Banking ¹		374
III. International Economics	5	
(i) International Trade, Migration and Capital Movements		100, 101, 103
(ii) International Monetary Economics		75, 79-80, 82, 101
(iii) An essay on the field covered by (i) and (ii).		
(iv) One of the following:—		
(a) Monetary Theory		12, 75, 81, 85
(b) Business Administration		125-7, 128, 129
(c) Principles of Economic and Social Geography ²		185, 187, 190
(d) International Law ²		369, 401
(e) Economic and Social Problems, treated statistically		680, 939, 941-4, 967
(f) Economic Statistics		943
(v) One of the following:—		
(a) Public Finance		50-1, 54
(b) Commercial Law ¹		373, 409
(c) The Economics and History of Transport		170-3, 370, 378
(d) An Approved Modern Foreign Language		456-8, 466-8
(e) Mathematical Economics		17, 20, 23, 24, 25
IV. Industry and Trade	5	
(i) Business Administration		125-9
(ii) Industry and Trade		45, 46, 56, 170
(iii) Labour		47, 379, 410, 621
(iv) One of the following:—		
(a) Business Finance and Cost Control		44, 48-50, 55, 135
(b) Applied Statistics		130, 936
(c) Business Administration (Essay Paper)		
(v) Commercial Law		373, 409

¹ Without special permission this cannot be taken by students who have not taken Elements of English Law (Parts A and C) at Part I.

² If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
V. Accounting	5	
(i) Accounting		134-7, 139-41, 945
(ii) Accounting		
(iii) Business Administration		125-9
(iv) Commercial Law		373, 409
(v) One of the following:—		
(a) Business Finance		44, 48-9, 55
(b) Industry and Trade		45
(c) Applied Statistics		130, 936
(d) Public Finance		50-1, 54
(e) The Economics and History of Transport		170-3, 370, 378
(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		201
(b) Constitutional History since 1660		250
(c) International History		291-4, 303
(d) Social Philosophy		855
(e) Economic and Social Problems, treated statistically		680, 939, 941-4, 967
(f) The Economics and History of Transport		170-3, 370, 378
(g) Logic and Scientific Method ¹		485-6
(h) An Approved Modern Foreign Language		456-8, 466-8
VII. Economic History (Mediæval)	5	
(i) & (ii) Economic History of England and Western Europe in the Middle Ages		270, 272
(iii) English Economic History, 1377-1485		270
(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, 303
(f) Economic History of the United States of America from 1783		266-8
(g) Social Philosophy		855
(h) Economic and Social Problems, treated statistically		680, 939, 941-4, 967
(i) An Approved Modern Foreign Language		456-8, 466-8

¹ If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
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
(g) European Political Thought, c. 1850 to c. 1939		551
(h) American Political Thought, c. 1776 to c. 1949		552
(ii) The Government of Great Britain (advanced)		576, 586, 605-9
(iii) Comparative Government		267, 577-9, 585
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		583
(b) The Governments of Canada, New Zealand, Australia and South Africa		584
(c) Selected European Governments		578, 580
(d) The Government of Soviet Russia		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		582
(iv) Political and Social Theory		490, 541-3
(v) One of the following:—		
(a) Constitutional History since 1660		250
(b) Administrative Law ¹		377, 400
(c) Public Finance		50-1, 54
IX. Sociology	5	
(i) General Sociology, i.e., Theories and Methods of Sociology		830-2, 843
(ii) The Social Structure of Modern Britain		753, 840, 844, 846
(iii) Social Philosophy		855, 856
(iv) One of the following:—		
(a) Demography		682, 683
(b) Psychology		705, 710
(c) Criminology		848, 849 (b)
(d) A comparative study of either Marriage and the Family or Morals and Religion		— 833

¹ 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.
(v) An Essay on a subject within the field covered by (i), (ii) and (iii) above.		
X. Geography ¹	5	
(i) Advanced Economic Geography with special reference to Industry		192
(ii) Advanced Economic Geography with special reference to Agriculture		193-4
(iii) Advanced Regional Geography }		191, 195-9
(iv) Advanced Regional Geography }		
(v) One of the following:—		
(a) Historical Geography		201
(b) Political Geography		202
(c) Applied Geography		203
(d) Geomorphology		204
(e) Surveying and Cartography		205
(f) The Economics and History of Transport		170-3, 370, 378
(g) Social Geography		206
XI. Statistics	5	
(i) Probability and Distribution Theory		947-52,
(ii) Theory of Statistical Methods		959-60, 963, 970
(iii) Economic and Social Problems treated statistically		680, 939, 941-4, 967
(iv) and (v) Two of the following:—		
(a) Demography		680-1, 683-4
(b) Actuarial Statistics		945-6
(c) Economic Statistics		23, 24, 25, 941-4, 967
(d) Social Statistics		938, 939, 944, 968
(e) Numerical Analysis		953, 954, 966
(f) Computational Methods in Statistics, Economics and Accounting		954-5, 959, 964
(g) Mathematical Economics		20
(h) Advanced Mathematics with Applications to Probability, Statistics and Economics		956, 959
Candidates are also required to take a practical examination.		
XII. International Relations	5	
(i) International History, 1860-1945		291-5, 303
(ii) International Relations		500, 504, 505, 507, 509-12, 514-16, 518
(iii) International Institutions		506, 507, 525
(iv) and (v) Two of the following:—		
(a) International Law ²		369, 401
(b) International History (special subject)		298
(c) The Problem of International Peace and Security		507, 513, 519
(d) The Philosophical and Psychological Aspects of International Relations		504, 508, 509, 520, 521
(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

¹ Candidates offering Geography as a special subject must undertake at least two weeks' field-work.

² If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(h) <i>Either</i> Political and Social Theory or An Approved Modern Foreign Language ..	5	541 or 456-8, 466-8
XIII. Social Anthropology	5	640-4, 649-50, 653
(i) General Principles of Social Anthropology ..	}	640-9
(ii) Economic and Political Systems of Simpler Societies ..		655-9
(iii) Moral and Ritual Systems of Simpler Societies ..		—
(iv) Ethnography of Special Areas		855, 856
(v) <i>One</i> of the following:—		705, 710
(a) General Sociology		185, 187, 190
(b) Social Philosophy		485-6
(c) Social Psychology		682, 683
(d) Principles of Economic and Social Geography ¹		938, 939
(e) Logic and Scientific Method ¹		456-8, 466-8
(f) Demography		
(g) Social Statistics		
(h) An Approved Modern Foreign Language ..		
XIV. International History	5	
(i) The Diplomatic Relations of the Great Powers, 1815-1914		291, 293-5, 303
(ii) International History, 1914-1945		292, 294, 299, 303
(iii) <i>One</i> 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
(d) Anglo-German Naval Diplomacy, 1933-1939		299
(iv) <i>One</i> of the following:—		
(a) International Institutions		506, 525
(b) International Economic History, 1850-1945		300
(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, 953-5, 959,
(ii) Computational Methods in Statistics, Economics and Accounting		964, 966, 970
(iii), (iv) and (v) <i>Three</i> of the following:—		
(a) Advanced Mathematics with Applications to Probability, Statistics and Economics	}	956, 959
(b) Probability and Distribution Theory		947-52, 959,
(c) Theory of Statistical Methods		963
(d) Actuarial Statistics		945-6
(e) Economic Statistics		941-4
(f) Mathematical Economics		17, 20, 23-5
(g) Accounting II		129, 135
(h) Logic and Scientific Method		485-6

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.

¹ If not taken as an alternative subject at Part I.

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.

3. Degree of Bachelor of Laws

The School co-operates with King's College and University College in providing a complete course for the degree of LL.B. and students registered at the School have access to all the necessary lectures wherever given. The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 148).

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	1	363, 394 or 422
II. Law of Tort	1	395, 417
III. Law of Trusts	1	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	1	377, 400, 609
(d) Muhammadan Law		421
(e) Hindu Law		420
PART II		
I. Jurisprudence and Legal Theory	1	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)		377, 400, 608, 609
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	371
Public International Law		369, 401
Conflict of Laws		367, 402, 426
Conveyancing		423
Succession, Testate and Intestate		368, 403
Mercantile Law		372, 404
Industrial Law		375, 405
Law of Domestic Relations		376, 406

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 171-173).

4. Degree of Bachelor of Arts

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

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

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

B.A. HONOURS IN ANTHROPOLOGY

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

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,
 - Applied Anthropology (including Race Relations),
 - Development of Social Anthropology (with special reference to Selected Texts),

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. 640-9, 651-60, 702, 830, 833, 855, and intercollegiate arrangements are also made.

B.A. HONOURS IN GEOGRAPHY

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

Subject.	No. of Papers.	Reference Nos. of Courses.
1. Physical Basis of Geography	1	207-9, 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	195-7, 217, 230
6. One optional subject chosen from the following:—		
(i) Mathematical Geography and Surveying		220, 231
(ii) Geomorphology		221, 232, 233
(iii) Meteorology and Climatology		222, 234
(iv) Plant Geography		223, 235
(v) Economic Geography	2	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

Subject.	No. of Papers.	Reference Nos. of Courses.
7. One optional subject chosen from the following:—		
(i) Mathematical Geography and Surveying (Paper I)	I	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)		202 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, held in the Easter vacation, in each year of the course.

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

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
1. English History down to the middle of the 15th century ..	I	269, 326, 841
2. English History from the middle of the 15th century to 1760	I	327-8, 337, 338
3. English History from 1760 to the present day	I	261, 329, 338
4 and 5. Any two of the following periods of European History:—		
(a) Mediæval European History, 400 to 1200	I	By intercollegiate arrangements, and 331, 337, 341
(b) Mediæval European History, 1200 to 1500		
(c) Modern European History, 1500 to the middle of the 18th century		
(d) Modern European History, from the middle of the 18th century to the present day		
6. Either (a) History of Political Ideas	I	325, 342, 344, 541
or (b) Principles of Public International Law considered in its historical setting		
7. An Optional Subject	I	251-2, 262, 263, 291-5, 303, 330-1, 333, 336, and others by intercollegiate arrangements.
8. } A Special Subject	2	332, 334, 335, and others by intercollegiate arrangements.
and 9. }		
10. Passages for translation into English	I	

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 ..	489, 495
2. Recent Philosophy	487-8, 493
3. Logic and Methodology	485-6, 491
4. Political and Moral Philosophy	490, 497
5. Economic Theory	9, 10, 15, 36
6. Applied Economics	40, 41, 53
7. History of Economic Thought	11
8. Modern Economic History	260
9. The Philosophy of the Social Sciences with special reference to Economics	496, 499

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, 836, 843, 859
2. Statistical Methods in Social Investigation	937-9
3. Comparative Social Institutions	640, 641, 834, 835, 836, 839
4. Ethics and Social Philosophy	852-5, 857
5. Social Psychology	702-5, 709, 711
6. } Either (a) Social Structure of Modern Britain (2 papers) ..	753, 840, 845-7
and } or (b) Græco-Roman Civilisation (2 papers) ¹	
7. } or (c) European Civilisation in the Middle Ages (2 papers) ² ..	
	841, 842, 842 (A)

¹ No instruction in this subject is at present available at the School.

² 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.
8.)	
and } Any two of the following:—	
9.) (a) Social Structure and Social Change	838
(b) Social Policy and Social Administration	720-2, 724
(c) Comparative Morals and Religion	833
(d) Criminology	848-51
(e) Demography	682, 683

OPTION II

1. Theories and Methods of Sociology	830, 832, 835, 836, 843, 859
2. Comparative Social Institutions	640, 641, 834, 835, 836, 839
3. Ethics and Social Philosophy	852-5, 857
4. General Principles of Cultural and Social Anthropology	
5. Economic and Political Systems	640-54, 833
6. Moral and Ritual Systems	
7. Ethnography of a Special Area	655-9
8. Development of Social Anthropology (with special reference to selected texts)	642, 652
9. One of the following:—	
(a) Social Psychology	702-5, 709, 711
(b) Demography	682, 683
(c) Statistical Methods in Social Investigation	937-9

(NOTE.—Internal candidates who failed to pass the B.A. Honours Examination in Sociology under the Regulations in force in 1961 will be permitted to enter again in 1962 under those same 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.

5. 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 148)

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 above).

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.

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

ACCOUNTING

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

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

The course in the University of London which students wishing to train for Accountancy would take is the day course for the B.Sc. (Econ.), with the special subject of Accounting, which is a three-year course of study. Students who have obtained this degree as full-time students, at their first attempt, may obtain exemption from the intermediate examination of the professional associations. Further information as to the structure of the degree may be found on pages 149-164.

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, may be able to apply for exemption from certain subjects in the examinations of the Institute of Cost and Works Accountants. These concessions are being examined in view of the introduction of new regulations for the B.Sc. (Econ.) degree and an announcement will be made as soon as possible.

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 the Law of Contract and Tort on obtaining at least Second Class Honours standard in the Elements of Contract in the Intermediate examination and in Tort in Part I of the LL.B. Final examination;
- (d) from the Law of Real Property on obtaining at least Second Class Honours standard in this subject in Part I;
- (e) from Criminal Law on obtaining at least Second Class Honours standard in this subject in Part I.

Alternatively, graduates with Second Class Honours in the LL.B. degree examination may apply for exemption from the papers at (c) to (e) above.

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 a degree at an approved University the period is reduced to three years.

Candidates must pass the examinations of the Law Society. Graduates in Laws are exempted from the legal portion of the Intermediate examination and from law school attendance.

A new scheme of education and training is proposed with effect from January 1963 under which graduates will have to be articulated only for two-and-a-half years. Under the new scheme it is also proposed to replace the present Intermediate and Final Examinations by a two-part qualifying examination, and Law graduates may expect to be exempt from the Part I qualifying examination to the extent that their law degree covers the subjects for the examination.

Details may be obtained from the Law Society's Hall, Chancery Lane, W.C.2.

BANKING

The Banking Diploma and the Trustee Diploma of the Institute of Bankers

Certain exemptions from Part I of both diplomas may be granted on a subject for subject basis. No exemptions from Part II will be granted.

THE ACTUARIAL PROFESSION

Students who have obtained the B.Sc. (Econ.) degree with Mathematics (I (b)) in Part I and Statistics in Part II with Demography II 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:—

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

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

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

All students should read the pamphlet *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, W.C.I.

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 (e.g. working under engagements or agreements with

- the Governments of the Dominions, Government of India, Crown Colonies, Protectorates, or Mandated Territories) or Civil Servants of equivalent standing of other countries;
- (ii) at the discretion of the University on report by the Board of Studies in Anthropology, persons who have spent at least two years overseas holding positions which afforded them facilities for anthropological studies in the field;

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

Candidates are required to take the following:—

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

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

Candidates will be required to select questions from at least four of these sections. Those offering alternative 2 A (Social Anthropology) will be required to select from sections (a), (b), (c) or (e); those offering alternative 2 B (Physical Anthropology) will be required to select from sections (a), (c), (d) or (e). Candidates who can show evidence of having received adequate previous academic training in various branches of Anthropology, may in exceptional cases be exempted from the General Paper. Such exemption may be granted by the University but not until the student has been registered for the Diploma for at least three terms.

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

A. Social Anthropology (4 papers):—

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

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

- B. Physical Anthropology (4 papers):—
- (i) Comparative survey of the primates, human palæontology;
 - (ii) Anatomical, physiological and genetic variations in man;
 - (iii) Racial classification of modern man, anthropometric methods;
 - (iv) One of the following:—
 - (a) Primitive Psychology (including mental measurements, intelligence and aptitude tests);
 - (b) Pre-historic Archæology;
 - (c) Racial theories and problems.

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

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

A student may either enter for the whole examination at the end of his two 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: 640-54, 655-9, 830, 833, 855.

2. 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 examination 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.

3. The Academic Postgraduate Diploma in Psychology

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

SECTION A, SOCIAL PSYCHOLOGY

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

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

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

The subjects of the course are:—

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

2. The Psychology of Social Behaviour.
3. Concepts and methods of Sociology and Social Anthropology.

Candidates are required to take four papers of three hours each, three on Sections (1) and (2), and one on Section (3). Candidates must also present a dissertation on an approved subject and must carry out practical work during the course. Reports of this practical work must be submitted to the Academic Registrar on 15 June.

The examination for the diploma will take place once in each year, in June. Every student entering for this examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with a Certificate of Course of Study not later than 15 April.

The fee is £15 for each entry.

4. The Academic Postgraduate Diploma in Public Administration

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

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

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

The subjects of the course are:—

	Reference Nos. of Courses.
Public Administration (two papers)	576, 577, 605-9, 613
and <i>three</i> of the following (one paper each):—	
Economics, with special reference to Public Finance	8, 9, 10, 41
Social and Political Theory	541
Statistics	925, 926-33, 938, 939
Social Structure	836, 839
Constitutional and Administrative Law	361, 377

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.

The examination for the Academic Postgraduate Diploma in Public Administration will take place once each year in June. Every student entering for the whole or part of this examination must submit his entry form not later than 15 April.

5. The Academic Postgraduate Diploma in Statistics

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

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

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

- (a) Graduates of this University who possess one or more of the following qualifications:—

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

The subjects of the courses are as follows:—

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

The examination will consist of:—

Part I

- (i) Two papers on Statistical Theory and Probability. Each paper will be of three hours' duration.
- (ii) A practical examination of not more than seven hours' duration in the application of Statistical Theory to Observational Data.

These papers will be taken by all candidates and in the case of part-time students may, if desired, be taken at the end of one session's study.

Part II

- Either (iii) One paper of three hours' duration consisting of questions on each of two subjects selected for approval from the following list of specialised topics:—
- (i) Analysis of time series;
 - (ii) Multivariate analysis;
 - (iii) Stochastic processes;
 - (iv) Special problems in the design of experiments;
 - (v) Some statistical topics connected with Operational Research. Other subjects may be submitted for approval.
- or (iv) An essay on one subject selected for approval from the foregoing list of specialised topics.

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

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

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

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

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

REGULATIONS FOR DIPLOMAS AND CERTIFICATES AWARDED BY THE SCHOOL

The School awards the following diplomas and certificates which are recognised by the University as certificates of proficiency:—

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

Candidates for any of these diplomas and 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. Diploma in Economic and Social Administration

With the aid of funds provided by the Ford Foundation, a new course in Economic and Social Administration, with special reference to the needs of the "underdeveloped" countries, has been introduced.

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.

Members of the course 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 and normally runs from late September until the beginning of July. There are three main branches of teaching, namely economics, government and social administration, with opportunities for specialisation within each. The course 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, by 30 April.

REGULATIONS

1. There shall be a Diploma in Economic and Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma.

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

- (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;
and (b) either (i) he shall be a graduate of a university
or (ii) he shall, in the opinion of the Tutors to the course, have practical experience or other qualifications of special relevance to the course.

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

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

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

- (1) Economic Analysis and Policy.
- (2) Theory and Practice of Government.
- (3) Social Structure and Policy.
- (4) A special subject, related to one of the three other papers, and chosen by the candidate in consultation with his tutor.

Provided that:—

- (a) a candidate who, in the opinion of the tutors, is adequately qualified in Economic Analysis and Policy, Theory and Practice of Government or Social Structure and Policy may be allowed to substitute for the paper in that subject either a second paper on his special subject or a paper on a second special subject; and
- (b) a candidate may be allowed by the tutors to substitute for an examination paper on a special subject an essay on the special subject, the essay to be considered by the examiners.

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

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

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

8. A candidate may offer on one, but not more than one, subsequent occasion a paper in which he has been referred, and if then successful in attaining the prescribed standard in that paper shall be treated as having satisfied the examiners in the whole examination.

9. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

2. Diploma in Operational Research

The London School of Economics and Political Science offers to a limited number of selected students a two-year course of training in Operational Research and cognate techniques used in the conduct of business and public affairs. It will normally consist of a full-time course of instruction at the School extending over one academic year, together with a further year spent in practical work. In exceptional cases, a student who is considered on entry to the course to have suitable practical experience may be exempted from the year of practical work.

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

Students who complete the course satisfactorily and satisfy the examiners will be eligible for the award of the School's Diploma in Operational Research.

The course is open to men and women who hold a university degree in any subject, but a knowledge of Mathematics, Statistics and Economics to the level of the Part I examination of the B.Sc. (Econ.) degree will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

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

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

REGULATIONS

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

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

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

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

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year on dates to be determined by the Director. The examination shall comprise six papers as follows:—

One paper in *each* of

- (i) Statistics.
- (ii) Scientific Method; Industrial Psychology.
- (iii) Industrial Economics; Management Accounting; and Data Processing.
- (iv) Stochastic Processes.
- (v) Mathematical Programming.
- (vi) Planning and Control of Production and Inventories.

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

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

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

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

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

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

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

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

9. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application supported by a medical certificate to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

10. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not without the special permission of the examiners more than one, further occasion. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

3. Diplomas in Social Administration

The diplomas are 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 courses are designed to give a general education in the social sciences and are normally followed by further training leading to a professional qualification.

The teaching for the diploma 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 in Social Economics, Social and Industrial History, Social Policy and Social Administration, Psychology, and Sociology. Each student is assigned to a Tutor who is responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the

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

Diploma for Graduate Students

The full-time course of training for the diploma for graduate students occupies one session. Students are required to undertake a minimum of twelve weeks' full-time field work, six weeks of which should be done before the beginning of the Michaelmas Term and six weeks during the Easter vacation.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Social Policy and Administration	1	607, 720-3, 728
The Economic and Social Background to Social Policy and Administration	1	724, 729
The Contributions of Psychology, Anthropology and Sociology to the understanding of Individual and Group Behaviour	1	700-1, 706, 773, 836, 846

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

Applicants for admission to the Diploma in Social Administration for graduate students must be graduates of a British university. They are exempt from the entrance examination but they may be called for an interview. Application forms can be obtained from the Social Science Department and should be completed and returned by 31 January preceding the session in which admission is desired, but applications will be considered up to 1 March if vacancies are available. Interviews are given in the Christmas vacation, however, for candidates who apply by the middle of November, and these candidates are informed of the results of their applications during January¹.

REGULATIONS

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the diploma and have completed practical work as prescribed in these Regulations.

¹Special provision is made for overseas students. See separate pamphlet.

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

- (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;
and (b) he shall be a graduate of a university.

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

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

- (1) Social policy and administration.
- (2) The economic and social background to social policy and administration.
- (3) The contributions of psychology, anthropology and sociology to the understanding of individual and group behaviour.

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

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

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

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

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

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the

examiners, shown himself to be qualified for the award of the diploma. The recommendation of the examiners shall be considered by the Academic Board.

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

12. Each candidate for the diploma shall be required to submit to the head of the department before the date on which he satisfies the examiners in the examination, or not later than two calendar years (or such further period as the head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

Diploma for Non-Graduate Students

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

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Elements of Social Analysis	1	846, 855, 939
Social Policy and Administration	1	607, 608, 720-4, 727-9, 773, 848, 850
Psychology	1	700, 701, 706
Social Economics	1	8, 40-42

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

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October immediately preceding the opening of the session for which they seek admission, and they must have completed a period of employment of approximately one year between leaving school and

the date at which they wish to enter the Social Science Department. They must take an entrance examination for which there is a fee of £1, and those who reach the required standard in the examination may be called for an interview. If necessary arrangements can be made for the examination and the interview to take place overseas. Application forms can be obtained from the Social Science Department and should be completed and returned by 31 January preceding the session in which admission is desired.

STUDENTS FROM OVERSEAS

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

REGULATIONS

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the diploma and have completed practical work as prescribed in these Regulations.

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

- (a) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;
- and (b) he shall, since leaving school, have completed to the satisfaction of the head of the department of Social Science and Administration (hereinafter in these Regulations referred to as the head of the department) a period of employment or other suitable experience of approximately one year's duration.

3. The prescribed course of study shall be of two academic years' duration.

4. There shall be an examination for the diploma, to be held in the Summer Term of each year on dates determined by the head of the department. The examination shall comprise the following papers:—

- (1) Elements of Social Analysis.
- (2) Social Policy and Administration.
- (3) Psychology.
- (4) Social Economics.

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

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

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

8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.

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

10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the diploma. The recommendation of the examiners shall be considered by the Academic Board.

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

12. Each candidate for the diploma shall be required to submit to the head of the department before the date on which he satisfies the examiners in the examination, or not later than two calendar years (or such further period as the head of the department may in a particular case permit) after that date, evidence to the satisfaction of the head of the department of his having completed practical work of such nature and such duration as may be prescribed by the head of the department.

4. Diploma in Personnel Management

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

The course is designed to give students knowledge and understanding of the principles and problems of personnel management, both by theoretical study and by direct experience. For this purpose the School has been fortunate in the assistance received from companies and management organisations which makes it possible for students to obtain varied first hand experience, including practical training in a personnel department. An examination is held in the third term, and a 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.

REGULATIONS

1. There shall be a Diploma in Personnel Management which shall be awarded to persons who, having completed the course of study prescribed by these Regulations, have satisfied the examiners in the examination for the Diploma.

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

- (a) he is a graduate of a university
- or (b) he holds a Certificate or Diploma in Social Science

or (c) he has attained the age of 24 years, and, having had considerable industrial or commercial experience, satisfies the examiners in the entrance examination for the course.

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

4. There shall be an examination for the Diploma, to be held in the Summer Term of each year (on dates to be determined by the Head of the Department of Social Science and Administration). The examination shall comprise the following papers:—

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

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

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director together with one or more external examiners. For the oral examination, an external examiner shall be appointed who, in addition to the appropriate academic qualifications, holds or has held a responsible position in personnel management in industry or commerce. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years but for three calendar years thereafter shall not again be eligible for appointment.

6. A candidate shall be required to satisfy the examiners in each paper of Part I and in Part II of the Examination; provided that a candidate who has reached the prescribed standard in three papers in Part I and in Part II may, if the examiners think fit, be declared by them to be referred in the remaining paper of Part I.

7. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard he shall be treated as having satisfied the examiners in the whole examination.

8. The examiners may recommend for an aegrotat any candidate who, having completed not less than two of the written papers and the oral examination, has made application, supported by a medical certificate, to the Registrar, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

9. A candidate who completes the course of study for the Diploma but for reasons which, in the opinion of the head of the department, are sufficient, fails to present himself for examination, or who presents himself but fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 7 shall apply to him.

5. 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 wish to train in family casework but not necessarily to specialise in one of those branches already mentioned. Where necessary, grant-aid may be available from local education authorities for such candidates.

The subjects for written examination are:

Subject.	No. of Papers.	Reference Nos. of Courses.
Human Behaviour and Casework	1	800-11
Social Administration and Casework	1	

Field work reports are taken into consideration in the award of the Certificate.

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. Letters should be clearly marked "Applied Social Studies Course".

6. Certificate for Social Workers in Mental Health

This course is designed for trained and experienced social workers, who wish to gain further understanding of the causes and treatment of personal difficulties and problems of behaviour in children and adults. It is a recognised qualification for psychiatric social work in child guidance clinics, psychiatric and general hospitals and local authority public health departments. There are also increasing opportunities for those with this qualification in the teaching and supervision of social work students.

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

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

The subjects for written examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Psychiatry and Mental Deficiency	1	770-80
Psychology and Mental Health in Childhood and Adolescence	1	
Social Case Work and Administration	1	
Current Social and Psychological Problems	1	

Field work reports are taken into consideration in the award of the Certificate.

Students are admitted to the course only on the recommendation of a Selection Committee. This Committee takes into account personal suitability for the practice of psychiatric social work as well as educational qualifications, experience and age.

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

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.

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. Letters should be clearly marked "Mental Health Course".

7. Certificate in International Studies

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

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

Persons admitted to this course, besides attending lectures and participating in seminars, receive regular 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, 303
International Relations (General)	1	500, 508-9, 511, 516, 529
International Institutions	1	506

Subject.	No. of Papers.	Reference Nos. of Courses.
General Economics; and the Economic Factor in International Affairs	1	8, 101, 507
International Law	1	369, 526
II. Optional Subjects.		
<i>One subject from among the following:—</i>	1	
(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		577-84, 591
(viii) The Technique and Procedure of Diplomacy		505
(ix) Colonial Government and Administration		582
(x) The External Affairs of the Countries of the Commonwealth		—

THE GRADUATE SCHOOL AND REGULATIONS FOR HIGHER DEGREES

A major division of the School activities is constituted by the Graduate School. Unique facilities for graduate studies are provided by the close proximity of the London School of Economics to the centres of government, business and law, and by its ease of access to the British Museum and the Record Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Nearly 800 students were registered in the Graduate School in session 1960-61. 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. 233-237). The Research Students' Common Room and Research Students' Association arrangements are described on pp. 247-248.

A separate pamphlet, *The Graduate School*, issued each session, is obtainable by post on request. A copy should be obtained from the Office of the Graduate School by students applying personally for post-graduate registration. It contains a fuller description of graduate

facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School, notes on library and social facilities and the details (abstracted from this Calendar) of advanced lectures and seminars reserved, or regarded as specially appropriate, for graduate students.

Enquiries about admission to the Graduate School by post should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Office of the Graduate School. All applications are considered by the Graduate School Committee who assign those who can be accepted to the appropriate member of the teaching staff for personal supervision of their research and direction of their studies. Applications from abroad for October entrance must reach the School by 1 March on the prescribed form and fully documented. As preliminary correspondence is usually necessary, applicants are advised to make first enquiries well in advance.

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

Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. At the School acceptance is through the Graduate School Committee, which makes its recommendation to the University. When the candidate is finally accepted by the University, he receives a copy of the full University regulations of the relevant degree. *These alone are authoritative and should be carefully retained and consulted.* Till then he can consult a copy at the Office of the Graduate School, but the School is unable to distribute copies to students. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

THE HIGHER DOCTORATES

The School does not register candidates for higher doctorates. For the D.Sc. (Econ.) and D.Lit. published work alone can be considered by the examiners. Only London graduates are eligible. Applicants should communicate directly with the Academic or External Registrar of the University of London as to the conditions and regulations.

EXTERNAL HIGHER DEGREES

Only *graduates of London University* (whether internal or external) may proceed to *external* higher degrees of the University. It is unusual for candidates for external higher degrees to be registered at the School

but the Graduate School Committee may in special cases consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates for internal degrees.

Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Office of the Graduate School. Only the actual registration (see paragraph 2, below), the final submission of examination entry-forms and theses, and detailed arrangements for their examination are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

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

1. Applications for registration submitted to the University later than three months after the date on which the course was begun must be accompanied by a statement from the head of the college, school or institution in explanation of the delay. Retrospective registration will be allowed in appropriate circumstances. A whole-time student may be granted retrospective registration for not more than four terms and a part-time student for not more than seven terms.

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

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

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

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

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

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

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

6. It is essential that the student, whilst pursuing his course of study as an internal student, should be prepared to attend personally for study in a college, school or institution of the University during the ordinary terms at such time or times as his supervising teacher may require.

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

8. The greater portion of the work submitted as a thesis for a degree must have been done since the student was registered as an internal student of the University.

9. All theses must be written in English and every candidate will be required to forward to the University the required number of copies of his thesis and of a short abstract thereof comprising not more than 300 words. The abstract should be bound with each copy of the thesis submitted to the University.

10. A candidate will not be permitted to submit as his thesis a thesis for which a degree has been conferred on him in this or any other university, but a candidate shall not be precluded from incorporating work which he has already submitted for a degree in this or any other university in a thesis covering a wider field, provided that he shall indicate on his entry form and also in his thesis any work which has been so incorporated.

11. A student submitting a thesis in typescript will be required to supply, before the degree is conferred on him, two of the required copies of his thesis (*one* of which must be the typescript itself, *not* a carbon copy) bound in accordance with the following specification:—

Size of paper, quarto approximately 10 inches by 8 inches, except for drawings and maps on which no restriction is placed. A margin of 1½ inches to be left on the left-hand side. Bound in a standardised form as follows:—Art vellum or cloth; overcast; edges uncut; lettered boldly

up back in gold ($\frac{1}{4}$ 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 16s. 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 academic years of full-time training in research and research methods, or

(b) a part-time course of training in research and research methods of not less than two calendar years and not more than five academic years as may be prescribed in each individual case by the Academic Council.

*N.B.—*Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than two and not more than four calendar years. 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 to problems of regional planning).
- Geomorphology.
- Social Geography.

Economic History—

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

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.
- Government in New and Emergent States.

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.
 Financial Management (including 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.
 Mathematical and Statistical Methods in Economics.

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 ARTS (M.A.)

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

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

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

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

DETAILS OF EXAMINATION

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

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

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

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

The candidate must furnish, not later than 1 April for the May examination and not later than 15 October for the December examination, three type-written or printed copies of the thesis (*one* of which must be the typescript itself and *not* a carbon copy). Each candidate is required to bring an *additional* copy to the oral examination, adequately bound and paged in the same way as the three copies submitted to the University.

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

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

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

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

placed against the names of those candidates who show exceptional merit.

ANTHROPOLOGY

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.

PSYCHOLOGY

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

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

Candidates for the M.A. degree in Psychology will be required to present a thesis, which shall embody original work. There will be an oral examination mainly on the subject of the thesis. In addition there will be a written examination. This will ordinarily consist of two papers but, at the discretion of the University, three papers and a practical examination may be required. Where two papers are presented, a

practical examination may be added at the discretion of the Examiners. On registration, the candidate will be informed as to the methods by which he will be examined. Candidates who are required to take the examination by means of three written papers and a practical examination at the May examination, and who satisfy the Examiners in these parts of the examination, will be permitted to submit their theses at any time up to 30 September in the following year.

SOCIOLOGY

All candidates before proceeding to the M.A. examination in Sociology will be required to have passed the B.A. Honours examination in one of the following subjects unless in any special case the University, on the report of the Board of Studies, grants exemption from the general rule:—Sociology, Anthropology, History, Philosophy (with Sociology as the optional subject).

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

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

One paper connected still more closely with the thesis.

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

Except as provided below no candidate 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 as an internal student or the Academic Postgraduate Diploma in Law of this University. Candidates other than internal graduates in the Faculty of Laws of this University must pursue a course of study extending over not less than *two calendar years*.

Candidates who have obtained the LL.B. degree with First or Second Class (upper division) Honours as internal students may be admitted to the LL.M. examination after pursuing a full-time course of study extending over not less than *one calendar year*. They will be required to take the LL.M. examination by four written papers and, at the discretion of the examiners, an oral examination.

The LL.M. examination will take place once in each year, beginning on the 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 English¹ and be a record of original work or other contribution to knowledge in some branch of Law. The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing Examination.

(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.

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

- (i) An alphabetical table of cases;
- (ii) A chronological table of statutes;
- (iii) A bibliography, covering books and articles;

and each page should be numbered.

DATES OF EXAMINATIONS

(INTERNAL STUDENTS)

1961-1962

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 1962
Examination begins	..	..	..	..	..	23 May 1962

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

Entry closes	..	..	..	..	..	1 February 1962
Examination begins	..	..	..	..	..	6 June 1962

B.Sc. (Soc.).

Entry closes	..	..	..	..	..	1 February 1962
Examination begins	..	..	..	..	..	6 June 1962

M.Sc. (Econ.).

December Examination

Entry closes	..	..	..	..	..	15 September 1961
Examination begins	..	..	..	..	..	4 December 1961

May Examination

Entry closes	..	..	..	..	..	1 February 1962
Examination begins	..	..	..	..	..	28 May 1962

LL.B. Intermediate (Special).

Entry closes	..	..	..	..	..	25 March 1962
Examination begins	..	..	..	..	..	4 June 1962

LL.B. Intermediate (General).

Entry closes	..	..	..	..	..	29 August 1962
Examination begins	..	..	..	..	..	24 September 1962

LL.B. Final (Pass and Honours).

Entry closes	..	..	..	..	..	1 February 1962
Examination begins	..	..	..	..	..	12 June 1962

LL.M.

Entry closes	..	..	..	..	..	1 June 1962
Examination begins	..	..	..	..	..	17 September 1962

B.A. Final.

Entry closes	..	..	..	..	..	15 February 1962
Examination begins	..	..	..	..	..	29 May 1962

M.A.

December Examination

Entry closes	..	..	..	..	..	15 September 1961
Examination begins	..	..	..	..	..	4 December 1961

May Examination

Entry closes	..	..	..	..	..	1 February 1962
Examination begins	..	..	..	..	..	28 May 1962

Academic Postgraduate Diploma in Anthropology.

Entry closes	..	..	..	..	..	15 March 1962
Examination begins	..	..	..	..	..	12 June 1962

Academic Postgraduate Diploma in Law.

Entry closes	..	..	..	..	..	1 June 1962
Examination begins	..	..	..	..	..	17 September 1962

Academic Diploma in Public Administration.

Entry closes	..	..	..	..	..	15 April 1962
Examination begins	..	..	..	..	..	25 June 1962

Academic Postgraduate Diploma in Psychology.

Entry closes	..	..	..	..	..	15 April 1962
Examination begins	..	..	..	..	..	18 June 1962

Academic Postgraduate Diploma in Statistics

Entry closes	..	..	..	..	..	20 March, 1962
Examination begins	..	..	..	..	..	18 June, 1962

SPECIAL COURSES

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

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 200-221.

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 130-142. 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 112.

6. Candidates for admission must make application on official forms which should be filled in and returned as early as possible, and in any event not later than 5 September. These forms may be obtained from, and should be returned to, the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

Course of Economics for Engineers and Applied Scientists

The object of this course is to provide an introductory knowledge of economics in relation to industry and of business organisation and administration. It is intended primarily for university students of science

and engineering who have completed, or are completing, their first degree work.

The lectures are held each week of term on Tuesdays from 10 a.m. to 1 p.m. and from 2 p.m. to 3 p.m. during the Michaelmas and Lent Terms. (For scheme of study see page 284.)

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, including a large number in which financial and business executives will take part.

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.
 - (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.

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 Finance.

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 4,800 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-III of this work, listing the acquisitions up to 1955, are obtainable from the Librarian (see pages 465-6).

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 E.7 in the East Wing. The Shaw Library (founded by Mrs. George Bernard Shaw) consists of general literature; it is housed in the Founders' Room on the fifth floor. There is also a series of study room libraries attached to different teaching departments and containing special collections mainly for the use of honours students.

A leaflet of "Notes for Readers" may be obtained free of charge, on request; 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), £5 5s. od. for a permit valid for six months, £2 12s. 6d. for three months or £1 1s. od. for one month. All fees are non-returnable.

(3) Every registered student on his first visit must produce his School registration card to be endorsed by the appropriate Library officer. Every permit holder on his first visit must sign his name in a book kept for that purpose and may be required to sign on subsequent occasions.

All readers are required to show their School registration cards or Library permits to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.

(4) The reading rooms are open normally on all working days during hours prescribed from time to time by the Director of the School. They are closed on Sundays and on certain other days as prescribed. (The hours of opening prescribed at present are from 10 a.m. to 5.50 p.m. on Saturday, and from 10 a.m. to 9.20 p.m. on other days. 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 171 to 173).

The B.Sc. (Sociology) degree, the B.A. degree in Sociology, and the Diploma in Social Administration awarded by the School, are recognised initial qualifications for posts in social administration, such as almoners, probation officers, youth leaders, youth employment officers, wardens of settlements, housing managers and child care officers. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised or professional training, lasting at least one year, is necessary for these careers and students should, therefore, be prepared to undertake this. For posts in mental health work, child guidance clinics and other organisations dealing with mentally defective and unstable children and adults, the 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:

SPIKE MILLIGAN.

Executive Officers:

President	T. C. EVANS.
Deputy President	V. R. KHOSLA.
Administrative Vice-President	C.W. COOPER.
Social Vice-President	J. F. G. SHAVE.
External Affairs Vice-President	Miss S. Y. AUBIN.
Welfare Vice-President	W. A. WORTHINGTON.
General Secretary	Miss M. A. HENDERSON.
Senior Treasurer	J. SAINSBURY.

CLARE MARKET REVIEW

Editor M. BURRAGE.

BEAVER

Editor R. STEVENSON.

ATHLETIC UNION

All students are eligible to join the Athletic Union on paying to any of its constituent clubs the appropriate membership subscription, the details of which can be obtained from the club secretaries.

The following clubs are affiliated to the Athletic Union.

<i>Club</i>	<i>Secretary</i>
Association Football	A. HOYLE.
Athletics	D. W. ALLEN.
Badminton	R. LITTLE.
Basketball	B. M. COHEN.
Boat (Men's)	M. RUBIN.
Boat (Women's)	—
Cricket	M. H. HOYLE.
Cross-country	J. K. ORD.
Fencing	A. AND.
Golf	D. H. J. SHEASBY.

<i>Club</i>	<i>Secretary</i>
Hockey (Men's)	M. J. PITT.
Hockey (Women's)	Miss J. ALKER.
Judo	K. A. SUNDSTRÖM.
Mountaineering	N. A. TOWNSEND.
Netball	—
Riding	P. L. BUTTON.
Rifle	A. J. YONGE.
Rugby Football	D. PRAG.
Sailing	R. M. HEELER.
Squash (Men's and Women's)	A. J. AXFORD.
Swimming and Water Polo ..	E. C. CHURCH.
Table Tennis (Men's)	A. J. MEHTA.
Table Tennis (Women's) ..	Miss S. ASTLEY.
Tennis (Men's)	M. E. FALKUS.
Tennis (Women's)	Miss V. M. WATLING.
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	M. SHUTTLEWORTH.
Vice-Presidents	P. S. JACOBSON, A. HINDMARSH.
General Secretary	R. E. M. BAILEY.
Assistant General Secretary ..	C. BABER.
Senior Treasurer	J. T. HABERSHAW.
Junior Treasurers	M. H. HOYLE,

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 £52 10s., £50 and £46 respectively in the Michaelmas and Lent Terms, and £47 15s., £45 10s. and £42 in the Summer Term, 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 1961.

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 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 £135 to £145 10s. per session of about 30 weeks. There are no retaining fees in vacation.

Some 25 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 23 double and 144 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:—£120 (for share of double room) and £135 (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 by the end of the Spring Term, for admission in the following October, to the Warden (Mrs. Osman) at Nutford House.

WILLIAM GOODENOUGH HOUSE

(The Sister Trust: affiliated to the Dominion Students' Hall Trust),
Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 108 postgraduate women students from the British Commonwealth and the United States of America. In addition there are 48 self-contained flats for married students.

Fees, including breakfast, are from £4 0s. 6d. to £4 18s. 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, 1960/61

<i>President</i>	.. ..	..	Professor F. C. C. BENHAM, C.M.G., C.B.E.
<i>Vice-President</i>	.. ..	..	DR. VERA ANSTEY.
<i>Representative of the London School of Economics Society on the Court of Governors</i>	.. ..	..	W. H. B. CAREY, F.C.A.
<i>Secretary</i>	.. ..	..	W. M. STERN.
<i>Entertainments Secretary</i>	.. ..	..	MRS. SHIRLEY JEPSEN.
<i>Treasurer</i>	.. ..	..	J. B. SELIER, F.C.A.
<i>Auditor</i>	.. ..	..	—

<i>Committee Members</i>	{ THE OFFICERS and MRS. OLGA AIKIN, DR. ANNE M. BOHM, A. CRYSTAL, N. M. EKSERDJIAN, MISS JANET A. KYDD, P. J. C. PERRY, B. ROWNTREE, J. R. YORKE-RADLEIGH.
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Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session. Members of the School's academic staff who were not students at the School are eligible for annual membership while remaining on the staff. Persons not so qualified can be admitted to membership at the discretion of the Committee.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The *London School of Economics Society Magazine* is sent to members free of charge, and there are occasional social events including an annual dinner.

The life subscription is £3 13s. 6d., the 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, 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 £2,000 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 attractive garden furniture for the third-floor roof gardens. Future projects include the refurnishing of the Founders' Room and a new entrance to the sportsground at Malden. 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 Wednesdays, when there are often guest speakers.

An Executive Committee is elected each November and is responsible for administering the Common Room, for arranging week-end parties, the Annual Dinner, and other such occasions, details of which are posted on the notice board in the Common Room; and otherwise for assisting the members. The Committee will be glad to welcome new members at tea on the first Wednesday in the Michaelmas Term, to introduce them to other students and to help them find their way about the School.

1960-61:

<i>President</i>	..	..	..	P. SCHWARTZ.
<i>Secretary</i>	..	..	..	SYLVIA M. TIMPSON.
<i>Treasurer</i>	..	..	..	S. K. BHASKAR.
<i>Committee</i>	..	..	..	C. J. DAVEY, G. KRIMPAS, T. NYUN, R. M. PIKE.

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, 30 September 1961, 11 a.m.

First Year undergraduate Evening Students:

Tuesday, 3 October 1961, 6.45 p.m.

LIBRARIAN'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:

Saturday, 30 September 1961, 3 p.m. and 5 p.m.

Evening Students: Wednesday, 4 October 1961, 8 p.m.

Other Day Students: Thursday, 5 October 1961, 5 p.m.

GENERAL LECTURES

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

457. **Social and Political Themes in French Literature: 1815-1871.** Mrs. Scott-James, Dr. Tint and Mrs. Orda. Twenty-eight lectures, Sessional.

458. **Language as a means of social communication: a comparative study of English and French.** Mrs. Scott-James. Ten lectures, Michaelmas 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.

480. **The Political Novel in Nineteenth Century Europe.** Members of the Department of Modern Languages. Ten lectures, Michaelmas Term.

541. **Political and Social Theory.** Professor Smellie. Fifteen lectures, Michaelmas and Lent Terms.

576. **Problems of Parliament.** Mr. Bassett and Mr. Boyd. 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.

586. **Political Parties.** Mr. Pear. Six lectures, Summer Term (evening only).

610. **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.

641. **Introduction to the Study of Family and Kinship.** Mrs. Lancaster. Eight lectures, Lent Term.

643. Structure and Functions of the Family. Mr. Morris. Eight lectures, Lent Term.

650. Anthropology and Social Problems. Dr. Mair and other members of the Department. Twenty-four lectures, Sessional.

654. Race and Society. Dr. Freedman. Six lectures, Summer Term.

720. Introduction to Social Policy. Professor Titmuss. Ten lectures, Michaelmas and Lent Terms.

836. Elements of Social Structure—I. Dr. Little and Dr. T. P. Morris. Twenty lectures, Michaelmas and Lent Terms.

845 (b). Political Structure and Political Behaviour. Mr. McKenzie. Ten lectures, Summer Term.

848. 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.

938. The Nature and Sources of Social Statistics. Mr. Moser and others. Ten lectures, Lent Term.

939. Survey Methods in Social Investigation. Mr. Moser. Ten lectures, Michaelmas Term.

Classes in Modern Languages for students not taking a language as an examination subject. (See page 358.)

ECONOMIC AND SOCIAL ADMINISTRATION

ECONOMIC AND SOCIAL ADMINISTRATION

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

For One-Year Diploma in Economic and Social Administration.

Syllabus.—The national income, its measurement and composition. Economic growth. Structural changes in the course of growth. The organisation of the use of resources. The operation of markets. Employment. The price level. Foreign trade. Government policies (including planning) with respect to growth, the operation of markets, employment, the price level and foreign trade. The emphasis will be on the problems of underdeveloped countries, with comparative material drawn from the experience of more advanced countries.

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.—The System of Public Finance.
- No. 42.—Recent Economic Developments.
- No. 53.—The Economics of the Labour Market.
- No. 110.—Problems of Economic Growth in Underdeveloped Countries.

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

For One-Year Diploma in Economic and Social Administration.

Syllabus.—Structure of the modern state: Constitutional frameworks; Legislatures, executives and judiciaries; Federalism; Laws and conventions. Democratic institutions: Representative institutions; Electorates, parties and parliaments; Political oppositions; Self-government in economic, religious and voluntary organisations; Public opinion; Problems in transplanting institutions. Government: Character of the executive; The civil service; Public corporations; Local government; Political-administrative relations. Political systems: Political power and its relation to authority; Nationalism, Communism and the modern state; Historical and economic conditions of democracy; Political aspects of economic and social change. Government in relation to economic and social development: The functions of government; The scope and problems of governmental planning; Planning, politics and administration.

The following courses are relevant to this syllabus. Students will discuss with their tutor which of these and other suitable courses they will attend:—

- No. 576.—Problems of Parliament.
- No. 577.—The Theory and Practice of Public Administration.
- No. 582.—Government in New and Emergent States.
- No. 583.—The Governments of India, Pakistan and Ceylon.
- No. 585.—Problems of Comparative Government.
- No. 586.—Political Parties.
- No. 605.—The Central Government.
- No. 606.—The British Civil Service.
- No. 607.—Local and Regional Government.
- No. 608.—Public Enterprise.
- No. 625.—Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).

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

For One-Year Diploma in Economic and Social Administration.

Syllabus.—Forms of social structure and the levels of economic development associated with them. Industrialisation and urbanisation as processes of social change; the emergence of social problems. How societies identify their social problems. The measurement of standards and levels of living. Forms of social provision in different social structures. The development of social policy and administration in industrial-urban societies. Values underlying approaches to problems of social development in different countries.

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. 643.—**Structure and Functions of the Family.**
- No. 650.—**Anthropology and Social Problems.**
- No. 720.—**Introduction to Social Policy.**
- No. 721.—**The Sociology of Medical Care.**
- No. 722.—**Social Administration.**
- No. 724.—**An Introduction to the Financial Problems of the Social Services.**
- No. 725 (b).—**The Local Community and Development.**
- No. 839.—**Comparative Social Institutions.**
- No. 939.—**Survey Methods in Social Investigation.**

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)

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ECONOMICS, ANALYTICAL AND APPLIED (including Commerce)

Note:—In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

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

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

For Diploma in Social Administration (First Year), Diploma in Social Administration (First Year) (Overseas Option). Diploma in Personnel Management, 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. Professor Paish and Mr. Klappholz (day), Mr. Klappholz (evening). Eighteen lectures, Michaelmas and Lent Terms.

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

Syllabus.—Determinants of national income, employment, average price levels, money and banking, 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* (5th edn.); J. H. B. Tew, *International Monetary Co-operation* (3rd edn.), Part II; N. A. D. Macrae, *The London Capital Market*, Part II.

10. Elements of Economics. Dr. Lipsey and Dr. Corry. Twenty-five lectures, Sessional.

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

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

Recommended reading.—P. A. Samuelson, *Economics: An Introductory Analysis*; A. K. Cairncross, *Introduction to Economics*.

Further reading on particular topics will be given as the course proceeds.

II. The History of Economic Thought. Lord Robbins. 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*; O. H. Taylor, *A History of Economic Thought*; 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.

12. Economic Analysis. Dr. Makower and Professor Phillips. Thirty-six lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive; Money and Banking; and International Economics, Option (iv) (a) (Lent Term only); 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*, Parts I and II; E. J. Mishan, "A Survey of Welfare Economics" (*Economic Journal*, 1960); J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices*; D. H. Robertson, *Lectures on Economic Principles*, Vol. III; A. C. L. Day, *Outline of Monetary Economics*.

13. 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*; N. Kaldor, *Essays on Value and Distribution*.

Further reading will be recommended as the lectures proceed.

14. 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.

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

For B.Sc. (Econ.) Part II—Special subject of Economics, Analytical and Descriptive; B.A. Honours in Philosophy and Economics (Third Year); and for graduate students who may be interested.

Syllabus.—A survey and discussion of some of the major, generally accepted, aims of economic policy, and of some (alternative) means of attaining these aims.

The first six lectures, to be given by Dr. Mishan, will discuss the aim of "efficiency in the allocation of resources", which involves an examination of the origins, aims and methods of welfare economics. Various approaches to welfare economics, e.g. that of the New Welfare economics, will be critically examined, and their limitations stressed.

Recommended reading (for the first six lectures).—(a) Books: A. Marshall, *Principles of Economics*, Book III (8th edn.); A. C. Pigou, *The Economics of Welfare* (4th edn.); A. P. Lerner, *The Economics of Control* (first ten chapters); H. Myint, *Theories of Welfare Economics*; M. W. Reder, *Studies in the Theory of Welfare Economics*, Part I; W. Baumol, *Welfare Economics and the Theory of the State*; P. A. Samuelson, *Foundations of Economic Analysis*, Chap. 8; I. M. D. Little, *A Critique of Welfare Economics* (2nd edn.); K. Arrow, *Individual Choice and Social Values*; J. de V. Graafland, *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); "The Four Consumers' Surpluses" (*Review of Economic Studies*, 1944); T. de Scitovsky, "A Note on Welfare Propositions in Economics" (*Review of Economic Studies*, 1941); J. R. Hicks, "The Valuation of the Social Income" (*Economica*, 1940); P. A. Samuelson, "Evaluation of Real National Income" (*Oxford Economic Papers*, 1950); "The Simple Analytics of Welfare Maximisation" (*American Economic Review*, 1957); R. Lipsey and K. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, 1957); E. J. Mishan, "A Re-appraisal of the Principles of Resource Allocation" (*Economica*, 1957); "A Survey of Welfare Economics, 1939-1959" (*Economic Journal*, June 1960).

The remaining twelve lectures, to be given by Mr. Klappholz, will discuss other broad aims of economic policy, such as "equality of opportunity", "equity" in the distribution of income, stability and security, etc. Consideration will be given to the merits of alternative "social control mechanism" in achieving these aims (e.g. the relative merits of choice through the market and choice through voting).

Recommended reading.—K. E. Boulding, *The Principles of Economic Policy*; R. A. Dahl and C. E. Lindblom, *Politics, Economics and Welfare*; J. M. Oliver, *A Critique of Socio-economic Goals*; F. A. Hayek, *The Constitution of Liberty*; C. A. R. Crossland, *The Future of Socialism*; J. K. Galbraith, *The Affluent Society*; H. C. Wallich, *The Cost of Freedom: Economics and Public Policy* (Brookings Lectures, 1954); *Economics and the Policy Maker* (Brookings Lectures, 1958-1959); C. Bresciani-Turroni, *Economic Policy for the Thinking Man*; F. H. Knight, *Freedom and Reform*; 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.

Further references may be given in the course of the lectures.

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

For B.Sc. (Econ.) Part I (Second Year) (OR)—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*; J. Parry Lewis, *An Introduction to Mathematics for Students of Economics*.

17. Introductory Mathematical Economics. Mr. Kuska. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Economics, Analytical and Descriptive, Option (v) (b); International Economics, Option (v) (e) 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*; W. J. Baumol, *Economic Theory and Operations Analysis*; J. M. Henderson and R. M. Quandt, *Microeconomic Theory*; 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. Capital and Capital Accumulation. Dr. Lancaster. Nine lectures, Lent and Summer Terms. (This course will not be given in the session 1961-62; it will be given in the session 1962-63.)

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.

20. 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*.

21. 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*.

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

For B.Sc. (Econ.) Part II—Special subject of Money and Banking; and 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*.

23. 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) (c) (Mathematical Economics); Statistics, Option (iv) (c) (Economic Statistics); and of Computational Methods, Option (e); Optional for Diploma in Operational Research; 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*; D. Gale, *The Theory of Linear Economic Models*; J. R. Hicks, "Linear Theory" (*Economic Journal*, December 1960).

24. Linear Programming Class. Dr. Morton and Dr. Land.
Fifteen classes, Michaelmas and Lent Terms.

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) (c) (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 23 on Theory of Games and Linear Programming.

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

26. Course and Seminar: 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, followed by a seminar for the first seven weeks of the Summer Term.

The lectures are open to both graduate and undergraduate students. Admission to the seminar, which is for graduate students only, will be strictly by permission of Dr. Lipsey.

Syllabus.—Introduction: the place of measurement and testing in the development of economic theory and a survey of the simple statistical tools used in subsequent case studies; testing the theory of the firm; measuring demand; measuring macro-economic relations and testing macro-economic models of income and employment; testing the Cobb-Douglas production function; testing macro-economic theories of distribution; testing theories of international trade.

Recommended reading.—Students interested in particular topics will wish to consult some of the following references.

(i) *Introduction*: M. Friedman, *Essays in Positive Economics*, Essay I; T. Koopmans, *Three Essays on the State of Economic Science*, Essay 2; G. C. Archibald, "The State of Economics" (*British Journal of the Philosophy of Science*, 1959); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959) (both the Archibald and the Klappholz-Agassi articles contain critical summaries of the development of the methodological debate in economics); F. Mills, *Statistical Methods*.

(ii) *The Theory of the Firm*: L. Rostas, *Productivity, Prices, and Distribution in Selected British Industries*; R. Stein, "The Accuracy Power of the Marginal Productivity Theory of Wages" (*Review of Economic Studies*, 1958); G. C. Archibald, "Testing Marginal Productivity Theory" (*Review of Economic Studies*, 1960); R. L. Hall and C. J. Hitch, "Price Theory and Business Behaviour", reprinted in T. Wilson and P. W. S. Andrews (Eds.), *Oxford Studies in the Price Mechanism*; W. Baumol, "On the Theory of Oligopoly" (*Economica*, 1958).

(iii) *Demand*: K. Working, "What do Statistical Demand Curves Show?" in *Readings in Price Theory*, A.E.A.; H. Wold, *Demand Analysis: A Study in Econometrics*.

(iv) *Macro-Economic Relations and Models*: A. W. Phillips, "The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the United Kingdom, 1861-1957" (*Economica*, 1958); R. G. Lipsey, "Unemployment and Wage Rates in the United Kingdom, 1861-1957. A Further Analysis" (*Economica*, 1960); T. J. Koopmans, *Three Essays on the State of Economic Science*, Essay 3; C. Christ, essay in *Income and Wealth*, Series VI.

(v) *The Cobb-Douglas Production Function*: E. H. Phelps-Brown, "The Meaning of the Fitted Cobb-Douglas Production Function" (*Quarterly Journal of Economics*, 1957); C. W. Cobb and P. H. Douglas, "A Theory of Production" (*American Economic Review*, 1928); M. Bronfenbrenner and P. H. Douglas, "Cross-Section Studies in the Cobb-Douglas Production Function" (*Journal of Political Economy*, 1939).

(vi) *Macro-Economic Theories of Distribution*: N. Kaldor, "Alternative Theories of Distribution" (*Review of Economic Studies*, 1955-56); M. Kalecki, *Theory of Economic Dynamics*; M. Reder, "Alternative Theories of Labor's Share" in M. A. Abramowitz (Ed.), *The Allocation of Economic Resources*.

27. General Equilibrium Analysis. Dr. Lancaster. Five lectures, Summer Term. (This course will not be given in the session 1961-62; it will be given in the session 1962-63.)

For graduate students; Optional for Diploma in Operational Research.

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*; K. J. Arrow, S. Karlin and P. Suppes, *Mathematical Methods in the Social Sciences* (1959); 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, "Approaches to Stability Analysis" (*Economica*, February 1961).

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

- No. 17.—Introductory Mathematical Economics.
 No. 20.—Dynamic Process Analysis.
 No. 23.—Theory of Games and Linear Programming.

28. Statistical Methods in Economics. Mr. Thomas. Nine lectures, Lent Term.

For graduate students and those interested in the topic.

Syllabus.—An introduction to statistical methods and their applications with illustrations from recent work in Econometrics.

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

29. Seminar. A seminar will be held by Professor Phillips and Lord Robbins, together with other members of the Economics Department. Admission will be strictly by permission of Professor Phillips and Lord Robbins, to whom applications should be addressed in writing before the end of the first week of the Michaelmas Term.

30. 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. 975—Operational Research Seminar, held by Dr. Foster and Dr. Morton.

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

32. Economics Classes. A series of special classes will be held for students in the First Year of Part I (RR) of the B.Sc. (Econ.).

33. Economics Classes. A series of special classes will be held for students in the Second Year of Part I (OR) of the B.Sc. (Econ.).

34. Economics Classes. Fortnightly classes will be held throughout the session for students in the First Year of the B.A./B.Sc. (Sociology).

35. Economics Classes. Fortnightly classes will be held throughout the session for students in the Second Year of the B.A./B.Sc. (Sociology).

36. 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.

37. 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.).

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.

Optional for B.Sc. (Econ.) Part I (RR); for B.Sc. (Econ.) Part I (OR) (evening students only); 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). Diploma in Social Administration (First Year); Diploma in Personnel Management 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*; A. D. Neale, *The Antitrust Laws of the U.S.A.*; 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.

40(A). Labour. Professor Phelps Brown. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (Second Year) (OR) (evening students only).

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*.

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

For B.Sc. (Econ.) Part I (Second Year) (OR) (evening students only); 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 Diploma in Social 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.

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

For B.Sc. (Econ.) Part I (Second Year) (OR). For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year). For Diploma in Social Administration (Second Year); Diploma in Personnel Management; 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, 1961*; *United Kingdom Balance of Payments, 1958 to 1960* (Cmd. 1329); *Economic Survey for 1961* (Cmd. 1334); *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).

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

For B.Sc. (Econ.) Part I (Second Year) (OR). 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*.

44. 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.

45. 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; also for Diploma in Operational Research.

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. 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. Problems of production planning and inventory control. Monopolies and restrictive practices. Organised produce markets, speculation.

Recommended reading.—R. S. Edwards and H. Townsend, *Business Enterprise*; (Eds.), *Studies in Business Organisation*; E. T. Penrose, *The Theory of the Growth of the Firm*; D. L. Burn (Ed.), *The Structure of British Industry*, Vols. I and II; *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*; L. G. Reynolds, *Labor Economics and Labor Relations*; A. M. Milne, *The Economics of Inland Transport*.

Further references to books and articles will be made as the course proceeds.

46. 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*; 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* (Cmnd. 27, 1956); *Report of the Committee on National Policy for the Use of Fuel and Power Resources* (Cmd. 8647, 1952); *A Programme of Nuclear Power* (Cmd. 9389, 1955); *Capital Investment in the Coal, Gas and Electricity Industries* (Cmnd. 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.* (Cmnd. 262, 1957); *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); *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*.

47. Labour: organisation and relations. Professor Phelps Brown. Twenty lectures, Lent Term.

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* (1961 edn.); A. Flanders, *Trade Unions*; E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts, *Trade Union Government and Administration in Great Britain*; P. H. Norgren, *The Swedish Collective Bargaining System*; 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).

48. 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 also 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*; H. B. Rose, *The Economic Background to Investment*; F. Lavington, *The English Capital Market*; N. A. D. Macrae, *The London Capital Market*; F. W. Paish, "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, Cmnd. 827)*; N.I.E.S.R., *Company Income and Finance, 1949-53*; R. F. Henderson, *The New-Issue Market and the Finance of Industry*; M. S. Rix, *Stock Exchange Economics*; H. Wincott, *The Stock Exchange*; O. R. Hobson, *How the City Works*; F. W. Paish and G. L. Schwartz, *Insurance Funds and their Investment*; H. E. Raynes, *A History of British Insurance*; S. J. Lengyel, *Insurance Companies' Accounts*; L. G. Hodgson, *Building Societies*; Building Societies Association, *Reports of the Council*; R. Harris and A. Seldon, *Hire Purchase in a Free Society*; "Role of the Investment Trusts" (*The Economist*, 15 August, 1953, p. 467); C. 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); "Hire Purchase Controls and Fluctuations in the Car Market" (*Economica*, May 1961).

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*.

49. Financing Problems of Business. Mr. Kennedy. Nine lectures, Michaelmas 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).

Syllabus.—The financing problem; risk and uncertainty; limited liability; capital structure; sources and uses of funds in the United Kingdom; market interest rates.

Recommended reading.—F. W. Paish, *Business Finance*; *Report of the Committee on the Working of the Monetary System (the Radcliffe Report, Cmnd. 827)*; A. C. L. Day, *Outline of Monetary Economics* (selected passages).

Reference should also be made to the following courses:—

No. 50.—**The Economics of Public Finance.**

No. 135.—**Accounting: Management and Economic Aspects.**

50. The Economics of Public Finance. Mr. Wiseman and Dr. Mishan. 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*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*; *Committee on the Working of the Monetary System (the Radcliffe Report) (Cmnd. 827)*; R. N. McKean, *Efficiency in Government through Systems Analysis*; R. A. Musgrave, *The Theory of Public Finance*; J. H. Buchanan, *The Public Finances*.

B. Hansen, *The Economic Theory of Fiscal Policy*; R. A. Musgrave and C. S. Shoup (Eds.), *Readings in the Economics of Taxation*; K. Philip, *Intergovernmental Fiscal Relations*; R. A. Musgrave and A. T. Peacock (Eds.), *Classics in the Theory of Public Finance*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; W. J. Baumol, *Welfare Economics and the Theory of the State*; P. A. Samuelson, "Diagrammatic Exposition of a Theory of Public Expenditures" (*Review of Economics and Statistics*, November, 1955); Royal Commission

on the Taxation of Profits and Income, *Second Report (Cmd. 9105)* and *Final Report (Cmd. 9474)*; N. Kaldor, *Expenditure Tax*; 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*; R. Turvey, *Equity and a Capital Gains Tax* (Oxford Economic Papers, June, 1960); 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).

Further references will be given during the course.

51. 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*; A. T. Peacock, *The Welfare Society (The Unservile State Papers, No. 2)*; J. H. Richardson, *Economic and Financial Aspects of Social Security*; R. M. Titmuss, *Problems of Social Policy*; W. Hagenbuch, *Social Economics*; R. A. Solo (Ed.), *Economics and the Public Interest*; A. M. Cartter, *The Redistribution of Income in Post-war Britain*; A. T. Peacock, *Income Redistribution and Social Policy*; B. de Jouvenel, *The Ethics of Redistribution*; E. Seligman, *Progressive Taxation in Theory and Practice*; W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; J. Wiseman, "The Government Pension Plan" (*London and Cambridge Economic Service*, March, 1959); J. Wiseman, "Pensions in Britain" (*Finanz Archiv*, 1959); F. W. Paish and A. T. Peacock, "Economics of Dependence, 1952-1982" (*Economica*, November, 1954); *Provision for Old Age (Cmnd. 538)*; *National Superannuation (Labour Party, London)*; *Security for Our Pensioners (Liberal Party, London)*; A. T. Peacock, *The Economics of National Insurance*; A. Seldon, *Pensions in a Free Society (Institute of Economic Affairs)*; A. T. Peacock, "The Economics of National Superannuation" (*Three Banks Review*, September, 1957); J. Vaizey, *The Cost of Education*; J. Wiseman, "The Economics of Education" (*Scottish Journal of Political Economy*, February, 1959, and subsequent discussion); A. T. Peacock and J. Wiseman, "The Finance of State Education in the United Kingdom" (*Year Book of Education*, 1956); J. Wiseman, "The Future of Local Government Finance" (*Lloyds Bank Review*, July, 1957); B. Abel Smith and R. M. Titmuss, *The Cost of the National Health Service*; King Edward's Hospital Fund, *Report on Costing Investigation for the Ministry of Health*; Nuffield Provincial Hospitals Trust, *Report of an Experiment in Hospital Costing*; F. Roberts, *The Cost of Health*; J. P. Martin, *Social Aspects of Prescribing*;

R. A. Kessel, "Price Discrimination in Medicine" (*Journal of Law and Economics*, October, 1958); W. Hagenbuch, "The Welfare State and its Finances" (*Lloyds Bank Review*, July, 1958); D. S. Lees, "The Economics of Health Services" (*Lloyds Bank Review*, April, 1960); W. C. Peterson, *The Welfare State in France*.

52. 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. The Economics of the Labour Market. Professor Phelps Brown. Ten lectures, Lent Term.

For B.A.Hons. in Philosophy and Economics (First Year); B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Also for Diploma in Social Administration (First Year), Diploma in Personnel Management, Engineers and Applied Scientists, and students attending the Trade Union Studies Course.

Syllabus.—The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. Methods of wage payment: work study; incentives. The movement of the general level of rates of pay in money; effects of full employment. The determination of real wages: the distribution of the product.

Recommended reading.—L. G. Reynolds, *Labor Economics and Labor Relations*, Part II; P. Ford, *The Economics of Collective Bargaining*; L. G. Reynolds and C. M. Taft, *The Evolution of Wage Structure*; D. J. Robertson, *Factory Wage Structure and National Agreements*; I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*.

54. 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.

55. 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.

56. 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.).

Note.—The following lectures will be given during the sessions 1962–63 and 1963–64.

Economics I. Fifteen lectures, Michaelmas and Lent Terms. Session 1962–63.

For B.Sc. (Econ.) Part II (RR), Special subjects V, VI, VII, VIII, XI, XII, XIII and XIV.

Syllabus.—Banking and financial institutions; the capital market. Savings, investment and income. The role of public finance. Full employment, inflation, stabilisers. International trade; the external balance; exchange rates; economic integration; international economic institutions.

Economics II. Fifteen lectures, Lent and Summer Terms. Session 1962–63.

For B.Sc. (Econ.) Part II (RR), Special subjects V, VI, VII, VIII, XI, XII, XIII and XIV.

Syllabus.—The structure of the economy; the public sector, including nationalised industries; the private sector; agriculture, manufacturing and mining, transport, distribution of goods; market structures. The government and the private sector: location policy, monopoly policy, agricultural policy; the control of the use of natural resources; other instances of intervention. The factor distribution of the national income. The labour market; deployment of the labour force; combinations and collective bargaining; public regulation; wage structures.

Economics III. Ten lectures, Michaelmas Term 1963.

For B.Sc. (Econ.) Part II (RR), Special subjects V, VI, VII, VIII, XI, XII, XIII and XIV.

Syllabus.—Economic growth. Planning; the mixed economy. The socialistic economy. The economics of social policy; housing, rents, pensions, insurances; redistribution of income.

FOR GRADUATE STUDENTS

57. 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.

58. Comparative Fiscal Systems. Mr. Wiseman. Eight lectures, Michaelmas Term.

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.

59. Seminar in Labour Problems. Professor Phelps Brown, Mr. Roberts and Mr. Steuer will hold a seminar throughout the session (Professor Phelps Brown will be absent during the Michaelmas Term 1961), on problems of the economics of labour and industrial relations. Admission will be by permission of Professor Phelps Brown and Mr. Roberts.

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 1963 begins with lectures Nos. 70, 71, 72 and 73. These will be given in the Summer Term, 1962, 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 (1963 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. One lecture, Summer Term.

For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1963 candidates).

72. International Monetary Economics. Mr. Day. Two lectures, Summer Term.

For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1963 candidates).

73. Mathematics in Monetary Economics. Dr. Lipsey. Two lectures, Summer Term.

For B.Sc. (Econ.) Part II—Special subject of Money and Banking (1963 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 Dr. 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 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, Cmd. 827).

Other references will be given as the course proceeds.

76. Comparative Banking—I. Dr. Pressnell. Ten lectures, Michaelmas Term.

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

Recommended reading.—Detailed references will be given during lectures. The following, some of which are not up to date, provide a general introduction to the content of the course: H. W. Arndt, *The Australian Trading Banks* (2nd edn.); B. H. Beckhart (Ed.), *Banking Systems*; G. Davies (Ed.), *Central Banking in South and East Asia*; M. H. De Kock, *Central Banking* (3rd edn.); P. G. Fousek, *Foreign Central Banking*; W. T. Newlyn and D. C. Rowan, *Money and Banking in British Colonial Africa*; H. V. Prochnow (Ed.), *The Federal Reserve System*; R. S. Sayers (Ed.), *Banking in the British Commonwealth*; S. N. Sen, *Central Banking in Underdeveloped Money Markets*; J. S. G. Wilson, *French Banking Structure and Credit Policy*; Papers and Proceedings of the First International Credit Conference; Memoranda and oral evidence of central bankers to the Committee on the Working of the Monetary System (*The Radcliffe Report*, Cmd. 827).

Amongst periodical publications, reference should be made in particular to *The Banker* (monthly), and the *Banca Nazionale del Lavoro Quarterly Review*.

77. Comparative Banking—II. Dr. Pressnell and others. Ten lectures, Lent Term.

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

78. Theory of International Monetary Economics. Mr. Opie. Ten lectures, Michaelmas Term.

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

79. 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 overseas 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*; *Gold and the Dollar Crisis*; R. N. Gardner, *Sterling-Dollar Diplomacy*.
Further reading will be recommended during the course.

80. Topics in the Theory of International Monetary Economics.
Mr. Day. Five lectures, Summer 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).

81. Survey of Interest Theory. Mr. Grant. Four lectures, Michaelmas Term (commencing in the seventh week of the term).

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

82. International Monetary Economics (Class). Mr. Steuer and Mr. Grant will hold a series of fifteen classes of one hour each, in the Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term, in connexion with courses 79 and 80.

83. 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.

84. 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.

85. Monetary Theory (Class). A class will be held by Mr. Grant weekly in the Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term, for students taking the B.Sc. (Econ.) Part II, special subjects of Money and Banking, and of International Economics, Option (iv) (a).

86. 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 on dates to be announced in the Michaelmas and Lent Terms. 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.

Reference should also be made to the following courses:—

- No. 48.—**Business Finance: Financial Institutions.**
- No. 50.—**The Economics of Public Finance.**
- No. 101.—**Applied International Economics.**
- No. 374.—**The Law of Banking.**

(c) International Economics and Regional Studies

100. International Trade. Mr. Steuer. 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, Mr. Knox and Mr. Klappholz. Eighteen lectures, Michaelmas and Lent Terms.

For Diploma in Economic and Social Administration, Diploma in Social 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*; C. P. Kindleberger, *Economic Development*; A. D. Knox, "Problems of Economic Growth in the Underdeveloped Countries" (*Bankers' Magazine*, January, 1961).

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 Communist 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 in International Economics. Mr. Steuer will hold a weekly seminar throughout the session for first-year M.Sc. (Econ.) students.

116. Seminar on Economic Problems in the Middle East. Dr. Penrose will hold a seminar in the Lent and Summer Terms 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.

117. 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. 78.—**Theory of International Monetary Economics.**

- No. 79.—Applied International Monetary Economics.
 No. 80.—Topics in the Theory of International Monetary Economics.
 No. 259(c).—Industrialisation and the International Economy, 1850-1939.
 No. 507.—The Politics of International Economic Relations.
 No. 530.—Problems of European Integration (Seminar).
 No. 665.—Current Problems in the Middle East and North Africa (Seminar).
 No. 942.—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); and for Diploma in Personnel Management.

Syllabus.—The lectures will include the following topics:—The purpose and structure of business organisation, both inside and outside the business unit; a comparison of practice as regards organisation in the principal branches of business enterprise.

The special features of the organisation and of the administrative and economic problems of large-scale businesses:—The delegation of functions, the allocation of responsibility, and the machinery of control. The specialised forms of organisation within the business unit for (a) management and the determination of business policy, (b) purchasing, (c) manufacturing, (d) finance, (e) selling, (f) recruitment, promotion and retirement of staff.

Buying, financing and selling policy in various conditions of the market, with special reference to the price problems of industrialists and wholesale and retail traders.

The effects of predictable and non-predictable variations in demand and supply on the operation of a business.

Trade associations and Government policy.

Recommended reading.—Detailed references to books will be made as the course proceeds.

126. 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. Ponsoby, 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. An Introduction to the Theory of Business Decisions. Mr. Foldes. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subjects of Industry and Trade; Accounting (iii); and International Economics, Option (iv) (b); and for Diploma in Operational Research.

Syllabus.—Decision procedures for an individual entrepreneur. Linear and other special models which facilitate computation. Influence of time and uncertainty. Division of labour in decision-making. Delegation and co-ordination, with special reference to financial problems.

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

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.

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) The Economics of the Labour Market. (For detailed syllabus see course No. 53.) 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 Term.
- (d) Economic Analysis and its Applications: This course will introduce the principles of economics. Mr. Preston and Mr. J. R. Gould. Michaelmas and Lent Terms.
- (e) Industrial History. (For detailed syllabus see course No. 265.) Dr. Coleman. Lent Term.

Selected graduate students from this course will be admitted to the evening seminar on Problems in Industrial Administration (see course No. 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.

133. Accounting II. Mr. Edey and Mr. Brooker. Eighteen lectures and eighteen classes (two hours per week), Michaelmas and Lent Terms. This course will be given in the day and in the evening

in the session 1961–62. (Evening students should note that this course will not be given after the present session.)

For B.Sc. (Econ.) Part I (Second Year) (OR).

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*.

134. 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 133.

135. Accounting: Management and Economic Aspects. Mr. Edey. Nine 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); and for Diploma in Operational Research.

Syllabus.—The profit concept of management; financing problems of the firm; capital budgeting; information for capital investment and price and output decisions; accounting information and public policy.

Recommended reading.—G. J. Stigler, *The Theory of Price*; 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, *Capital Budgeting*; J. M. Clark, *The Economics of Overhead Costs*, Chapter IX. Reference should also be made to F. A. and V. Lutz, *The Theory of Investment of the Firm*.

Reference should also be made to Course No. 129, Cost Analysis for Business Administration.

- 136. Accounting and Economic Theory (Seminar).** A series of weekly meetings and two week-end discussion courses 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.

- 137. History of Accounting.** Three lectures will be given by Professor Yamey and Mr. de Ste. Croix at times to be arranged.

- 138. Business Accounts.** Mr. Edey and Mr. Kennedy. Ten lectures and classes, Michaelmas Term.

For Diploma in Operational Research, and for graduate students.

Syllabus.—The balance sheet; the revenue account; accounting measurement conventions; introduction to double-entry and to business finance.

Recommended reading.—S. W. Rowland and B. Magee, *Accounting*, Part I. Reference may also be made to A. Baston, *Elements of Accounts*, and W. T. Baxter (Ed.), *Studies in Accounting*.

- 139. 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.

- 140. 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.

- 141. 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, Surplus Tax, 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. 45.—**Economic Problems of Industry and Trade.**

No. 48.—**Business Finance: Financial Institutions.**

No. 50.—**The Economics of Public Finance.**

No. 383.—**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. Mr. Roberts, Miss Seear and Professor Phelps Brown.

For the One-year Course in Business Administration only, except by special permission of Mr. Roberts, Miss Seear or Professor Phelps Brown.

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*; E. Troxell, *Economics of Transport*.

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*; *Bulletin of the Oxford University Institute of Statistics*, Nov. 1960 (Vol. 22, No. 4); *Basic Road Statistics* 1961 (British Road Federation).

British Transport Commission, *Annual Reports and Accounts* from 1948 onwards (H. of C. Papers, from 1949); *Report from the Select Committee on Nationalised Industries* (British Railways) 1960; Transport Consultative Committees, *Annual and other various Reports*; United Kingdom, British Transport Commission (1955), *Modernization and Re-equipment of British Railways*; British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); British Transport Commission, *Re-appraisal of the Plan for the Modernisation and Re-equipment of British Railways* (Cmd. 813, 1959); the Gore-Browne report on Railway Rates (Cmd. 1098, B.P.P. 1920); the three reports of the Royal Commission on Transport (Cmd. 3365, B.P.P. 1929–30; Cmd. 3416, B.P.P. 1929–30; and Cmd. 3751, B.P.P. 1930–31); U.K. Ministry of Transport, 1932, *Report of the Conference on Road and Rail Transport* (The Salter Report); Union of South Africa, *Report on Railway Rating Policy*,

1950 (The Newton Report); U.K. Ministry of Transport and Civil Aviation, Road Passenger Services, *Report of the Committee on the Licensing of Road Passenger Services* (Thesiger Report), Nov., 1953; United Kingdom, Ministry of Transport and Civil Aviation, *Report of the Committee of Enquiry into London Transport* (Chambers Report), 1955; U.K. Ministry of Transport, *Roads in England and Wales, Annual Reports* from 1956–57 onwards; U.K. Ministry of Transport, *Crush Hour Travel in Central London*, 1958; U.K. Ministry of Transport, *The Victoria Line* (Report by the London Travel Committee, 1959); U.K. Ministry of Transport, *The Transport of Goods by Road (Sample Survey April 1958)*, 1959; *Reorganisation of the Nationalised Transport Undertakings* (Cmd. 1248, 1960); *The Financial and Economic Obligations of the Nationalised Industries* (Cmd. 1337, 1961); U.K. Ministry of Transport, *Rural Bus Services* (Jack Committee Report) 1961.

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. (This course will not be given in the session 1961–62; it will be given in the session 1962–63.)

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); L. P. Foldes, "Domestic Air Transport Policy" (*Economica*, May and August 1961); W. Coulet, *L'organisation européenne des transports aériens*; L. S. Keyes, *Federal Control of Entry in Air Transportation*; Sir G. Cribbett, "Some International Aspects of Air Transport" (*J. R. Aero. S.*, Nov., 1950; or United Nations, *Transport and Communications Review*, Vol. IV. No. 2); O. J. Lissitzyn, "The Role 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) Act, 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. JOURNALS: *J. R. Aero. S.*; *J. of Air Law and Commerce*; *Revue Générale de l'Air*.

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 courses No. 370 and 378.

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: Revised Regulations

185. Introduction to Geography. Professor Wise. Twenty-five lectures, Sessional.

Syllabus.—The development of geographical thought and an outline of the scope and methods of modern geography.

Recommended reading.—O. J. R. Howarth and R. E. Dickinson, *The Making of Modern Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; H. J. Wood, *Exploration and Discovery*; G. R. Crone, *Maps and their Makers*; L. D. Stamp, *Our Developing World*; G. Taylor, *Geography in the Twentieth Century*.

186. Geography Class. Professor Wise, Dr. Odell and Mr. Hamilton. Weekly throughout the session.

Part I: Second Year (Old Regulations)

187. Principles of Economic and Social Geography—II. Professor Buchanan and Mr. Hamilton. 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 187 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.

188. The Physical and Biological Background of Geography—II. Dr. Jackson and others. 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*.

189. Map Class. Dr. Jackson and others. For those taking Geography as their Special subject. Michaelmas and Lent Terms.

190. Geography Class. Mr. Estall. For those taking Geography as their Alternative subject. Fortnightly throughout the session.

Part II: Special Subject of Geography

Third Year

- 191. Advanced Regional Geography: The British Isles.** Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms. This course will be given in the day only in the session 1961-62.
- 192. Advanced Economic Geography, with Special Reference to Industry.** Professor Wise, Mr. Estall and Mr. Hamilton. Sessional. This course will be given in the day and in the evening in the session 1961-62.
- Recommended reading.**—E. M. Hoover, *The Location of Economic Activity*; E. W. Zimmermann, *World Resources and Industries* (1951); U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; Political and Economic Planning, *Report on the Location of Industry*; N. J. G. Pounds and W. N. Parker, *Coal and Steel in Western Europe*; N. J. G. Pounds, *The Geography of Iron and Steel*; Wilfred Smith, *An Economic Geography of Great Britain*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*.
- 193. The Geography of Agriculture.** Mr. Sinclair. Sessional. This course will be given in the day only in the session 1961-62.
- Recommended reading.**—K. H. W. Klages, *Ecological Crop Geography* (background reading preferably in advance of course); D. Faucher, *Géographie Agricole*; Sir E. J. Russell, *World Population and World Food Supplies*; O. E. Baker and others, *Agriculture in Modern Life*; J. L. Buck, *Land Utilization in China*; P. Gourou, *The Tropical World*; K. Pelzer, *Pioneer Settlement in the Asiatic Tropics*; Sir A. Pim, *Colonial Agricultural Production*; A. N. Duckham, *The Fabric of Farming*; Sir Harold Temperley and D. H. Grist, *An Introduction to Tropical Agriculture*; R. L. Mighell and J. D. Black, *Inter-regional Competition in Agriculture*.
- 194. Geography of Agriculture.** Mr. Sinclair. Class, Lent and Summer Terms.
- 195. Advanced Regional Geography: North America.** Mr. Estall and Dr. Sealy. Forty lectures, Michaelmas and Lent Terms. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given in the day and in the evening in the session 1961-62.
- Syllabus.**—A study of physical environment, natural resources and economic factors with emphasis on inter-relations in regional geography.
- Recommended reading.**—Ll. 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. Fosberg, *Regional Geography of Anglo-America*; E. Higbee, *American Agriculture*; L. Haystead and G. C. Fite, *The Agricultural Regions of the United States*; C. M. Green, *American Cities in the Growth of the Nation*; D. F. Putnam (Ed.), *Canadian Regions*; J. H. Patterson, *North America*.
- 196. 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 1961-62.
- 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.

- 197. Advanced Regional Geography: Africa I.** 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 1961-62.

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.

- 198. Advanced Regional Geography: Africa II.** Dr. Harrison Church, Dr. Pugh and others. Ten lectures, Lent term. An intercollegiate course.

Syllabus.—As for Course No. 197.

- 199. Advanced Regional Geography: Western and Central Europe.** Dr. Harrison Church, Mr. Elkins and Mr. Hamilton. Thirty lectures, Sessional. This course will be given only in the day in the session 1961-62.

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.

- 200. Geography Seminar.** Professor Wise, Dr. Harrison Church and Mr. Sinclair. Sessional.

Discussion on special areas and topics. Permission to attend the seminar may be given to graduate students and others by Professor Wise.

Optional Subjects

201. 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 1961-62.

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*.

202. Political Geography. Dr. Harrison Church and Professor Jones. Sessional. (Available also for B.A. Honours in Geography—Political Geography I.) This course will be given only in the day in the session 1961-62.

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.

203. Applied Geography. Professor Wise and Mr. Estall. Sessional. This course will be given in the day and in the evening in the session 1961-62.

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*.

204. Geomorphology. Dr. Sealy and others. 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 edn.); W. Penck, *Morphological Analysis of Land Forms* (trans. by Boswell and Czech); L. C. King, *South African Scenery* (2nd edn.); 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*; B. W. Sparks, *Geomorphology*.

205. Surveying and Cartography. If required, this course will be given only in the day in the session 1961-62.

206. Social Geography. Professor 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

207. Physical Geology. Professor Wooldridge and Professor Taylor. Twenty-five lectures, Sessional.

208. Physical Basis of Geography—I. Dr. Pugh, Dr. Yates 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*.

209. Physical Basis of Geography—II. (Meteorology and Climatology). Dr. 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*.

210. Physical Geography Class. Dr. Pugh and Mr. Brunsten. Michaelmas and Lent Terms.

211. Elements of Cartography and Map Interpretation. Dr. Pugh and Mr. Brunsten. 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 Survey*; 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. Bird and Mr. Brunnsden. 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. Professor 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). 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. 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. Professor Wooldridge and 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. 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. Professor Wooldridge and others. Twenty lectures, Sessional. An intercollegiate course to be given at University College.

221(A). Geomorphology Class. Professor Wooldridge. Sessional.

222. Meteorology and Climatology—I. Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

Recommended reading.—H. C. Willett and F. Sanders, *Descriptive Meteorology*.

223. Plant Geography—I. Dr. Yates and others. An intercollegiate course.

224. Economic Geography—I. Professor Buchanan and Dr. Odell. Twenty-five lectures, Sessional.

Recommended reading.—N. J. G. Pounds, *An Introduction to Economic Geography*; E. W. Zimmermann, *World Resources and Industries*.

225. **Historical Geography—I.** Dr. Lambert and Dr. Yates. Sessional.

Syllabus.—As for Course No. 201.

226. **History of Geographical Science and Discovery—I.** An intercollegiate course.

227. **Political Geography—I.** Dr. Harrison Church and Professor Jones. Sessional.

Syllabus.—As for Course No. 202.

228. **Geography of Settlement—I.** Professor Wise, Professor 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. 201. **Historical Geography—I.**

No. 202.—**Political Geography.**

Third Year

229. **Seminar.** Professor Wooldridge and Professor Jones. Sessional.

230. **Advanced Regional Geography—Western and Central Europe—II.** Mr. Elkins, Dr. Harrison Church and Mr. Hamilton. Michaelmas and Lent Terms.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe*; E. de Martonne and A. Demangeon, *La France (Géographie Universelle, Tome VI)*; F. J. Monkhouse, *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. 195.—**North America.**

No. 196.—**Monsoon Asia.**

No. 197 and 198.—**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.** Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Bedford College.

235. **Plant Geography—II.** Dr. Yates and others. An intercollegiate course to be given at Bedford College.

236. **Economic Geography—II.** Professor Buchanan, Professor Wise and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.

237. **Economic Geography Class.** Professor Buchanan, Professor Wise and Dr. Odell. Twenty-five classes, Sessional.

238. **Historical Geography—II: Western and Central Europe.** Dr. Lambert. Sessional.

Syllabus.—A study of the inter-relations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs, and considering also the geographical significance of political and administrative divisions.

Recommended reading.—W. G. East, *An Historical Geography of Europe; The Geography behind History*; E. A. Freeman, *The Historical Geography of Europe*; *Cambridge Economic History of Europe*, Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap. 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth*; J. H. Clapham, *The Economic Development of France and Germany*.

239. **Historical Geography Class.** Dr. Lambert and Dr. Yates. Fifteen classes, Lent and Summer Terms.

240. **History of Geographical Science and Discovery—II.** An intercollegiate course to be given at Birkbeck College.

241. **Political Geography—II.** Twenty-five lectures, Sessional. An intercollegiate course may also be given at Birkbeck College.

242. **Geography of Settlement—II.** Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.

243. **Geography of Settlement Class.** Professor Jones. Michaelmas and Lent Terms.

244. **Applied Geography.** Professor Wise and Mr. Estall. Sessional. Syllabus.—As for Course No. 203.

Courses for B.A. General and B.Sc. General (Part II)

Intercollegiate students reading for B.A. General and B.Sc. General (Part II) taking Geography as one of three subjects, are recommended to take the following courses:—

Courses for B.A. General

First Year: Courses 207, 208, 209, 211, 212.

Second Year: Courses 215, 216, 217, 218.

Third Year: Course 230.

Courses for B.Sc. General (Part I)

First Year: Courses 207, 208, 209, 211, 212, 215.

Courses for B.Sc. General (Part II)

Second Year: Courses 216, 217, 218, 222.

Third Year: Courses 230 and *one* of 220, 221, 222, 223, 244.

For Graduate Students

245. **Aerial Photography in Geographical Studies.** Mr. Rawson and Dr. Sealy. Admission by permission of Mr. Rawson.
246. **Geography Seminar.** A graduate seminar will be held at times to be arranged.
247. **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.

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CONSTITUTIONAL HISTORY

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

250. English Constitutional History since 1660. Dr. Derry. 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*; J. S. Watson, *The Reign of George III*; E. L. Woodward, *The Age of Reform*; R. C. K. Ensor, *England 1870–1914*.

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. Blaauvelt, *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*; I. R. Christie, *The End of North's Ministry*; H. J. Hanham, *Elections and Party Management*.

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. O. 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*; N. Gash, *Mr. Secretary Peel*.

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, 1660 to the present day (Class)*.

ECONOMIC HISTORY

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

259. Economic History. Forty-four lectures.

(a) **Economic Developments in England and Western Europe during the Sixteenth and Seventeenth Centuries.** Professor Fisher. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (OR) (Second Year) evening students.

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.

(b) **Economic change in Britain, Western Europe, and the U.S.A., 1700-1850.** Dr. John and Dr. Barker. Fourteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part I (OR) (Second Year) evening students; B.A. Hons. in Philosophy and Economics (First Year).

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.

(c) **Industrialisation and the International Economy, 1850-1939.** Dr. Barker and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (OR) (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.

260. The Economic History of Great Britain and America, 1850-1939. Dr. John and Mr. Potter. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (R.R.); and for B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

Recommended reading.—TEXTBOOKS: W. A. Lewis, *Economic Survey, 1919-1939*; W. Ashworth, *American Immigration*; The Royal Institute of International Affairs, *The Problem of International Investment*; A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain*; H. F. Williamson, *The Growth of the American Economy* (4th and 5th edns.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*.

FOR REFERENCE.—H. M. Pelling, *America and the British Left: from Cobden to Bevan*; T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America*; A. K. Cairncross, *Home and Foreign Investment*; W. Ashworth, *An Economic History of England, 1870-1939*; G. C. Allen, *British Industries and their Organization*.

261. Introduction to Modern English Economic History. Mr. W. M. Stern. Twenty-five lectures, Sessional.

For B.A. Honours in History; for the Diploma in Social Administration (First Year); for Diploma in Personnel Management and 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.—T. S. Ashton, *An Economic History of England: The Eighteenth Century*; W. Ashworth, *An Economic History of England, 1870-1939*; 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 259 (a). 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. W. M. Stern and Dr. Barker. Twenty-five 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.—W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *An Economic History of Modern Britain*, Vols. II and III; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; H. Lynd, *England in the Eighteen-Eighties*; G. Dangerfield, *The Strange Death of Liberal England*; C. L. Mowat, *Britain between the Wars, 1918-1940*; W. W. Rostow, *The British Economy of the Nineteenth Century*; Lord Ernle, *English Farming, Past and Present; Whippingham to Westminster*; G. J. Shaw-Lefevre, *Agrarian Tenures*; W. Hasbach, *A History of the English Agricultural Labourer*; J. Caird, *The Landed Interest and the Supply of Food*; G. C. Allen, *British Industries and their Organization* (3rd edn.); A. Plummer, *New British Industries in the Twentieth Century*; P. Fitzgerald, *Industrial Combination in England*; W. S. Jevons, *The Coal Question*; D. L. Burn, *The Economic History of Steel Making, 1867-1939*; P. W. S. Andrews and E. Brunner, *Capital Development in Steel*; E. C. Cleveland-Stevens, *English Railways: their Development and their Relation to the State*; W. A. Robertson, *Combination among Railway Companies*; S. and B. Webb, *The Story of the King's Highway*; W. Rees Jeffreys, *The King's Highway*; S. H. Northcote, *Twenty Years of Financial Policy, 1842-1861*; S. C. Buxton, *Finance and Politics*; B. Mallet, *British Budgets, 1887/88-1912/13*; D. H. MacGregor, *Public Aspects of Finance*; J. F. Rees, *A Short Fiscal and Financial History of England, 1815-1918*; U. K. Hicks, *British Public Finances: their Structure and Development, 1880-1952*; *The Finance of British Government, 1920-1936*; E. Cannan, *The History of Local Rates in England*; E. L. Hargreaves, *The National Debt*; B. Chubb, *The Control of Public Expenditure*; S. M. Peto, *Taxation, its Levy and Expenditure*; Viscount Goschen, *Essays and Addresses on Economic Questions (1865-1893)*; Financial Reform Association, *Fifty Years' Retrospect, 1848-1898*; S. and B. Webb, *A History of Trade Unionism to 1920*; *Industrial Democracy*; G. D. H. Cole, *A Short History of the British Working Class Movement, 1789-1937*; H. M. Pelling, *The Origins of the Labour Party*; Lord Elton, *"England, Arise!"*; J. B. Jeffreys (Ed.), *Labour's Formative Years, 1849-1879*; E. J. Hobsbawm

(Ed.), *Labour's Turning Point, 1880-1900*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; W. Milne-Bailey, *Trade Unions and the State*; National Association for the Promotion of Social Science, *Report of the Committee on Trades' Societies and Strikes* (1860); Sir John Simon, *English Sanitary Institutions*; R. H. Shryock, *The Development of Modern Medicine; Matters of Life and Death* (H.M.S.O., 3rd edn., 1956); *Report of the Royal Commission on Population, 1949*; J. A. Banks, *Prosperity and Parenthood*; R. Lewis and A. E. U. Maude, *The English Middle Classes*; G. D. H. Cole, *Studies in Class Structure*; R. Strachey, "The Cause"; E. H. C. Moberly Bell, *Storming the Citadel*; O. R. McGregor, *Divorce in England*; C. Birchenough, *The History of Elementary Education*; *Report of the Consultative Committee on the Education of the Adolescent* (1927), Chap. 1; W. Ashworth, *The Genesis of Modern British Town Planning*; M. E. A. Bowley, *Housing and the State*; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century*; A. E. Feavearyear, *The Pound Sterling*; W. T. C. King, *History of the London Discount Market*; S. E. Thomas, *The Rise and Growth of Joint Stock Banking*; R. S. Sayers, *Lloyds Bank in the History of English Banking*; W. F. Crick and J. E. Wadsworth, *A Hundred Years of Joint Stock Banking*; W. Bagehot, *Lombard Street*; T. E. G. Gregory, *Select Statutes, Documents and Reports relating to British Banking, 1832-1928*; B. C. Hunt, *The Development of the Business Corporation in England, 1800-1867*; G. H. Evans, *British Corporation Finance*; L. H. Jenks, *The Migration of British Capital to 1875*; C. K. Hobson, *The Export of Capital*; H. Feis, *Europe, the World's Banker, 1870-1914*; A. K. Cairncross, *Home and Foreign Investment, 1870-1913*; C. J. Fuchs, *The Trade Policy of Great Britain and her Colonies since 1860*; R. J. S. Hoffman, *Great Britain and the German Trade Rivalry, 1875-1914*; A. H. Imlah, *Economic Elements in the Pax Britannica*; A. E. Kahn, *Great Britain in the World Economy*; F. C. C. Benham, *Great Britain under Protection*.

265. Industrial History. Dr. Coleman. Ten lectures, Lent Term.

For Engineers and Applied Scientists (see Course 132); and for Diploma in Personnel Management.

Syllabus.—The purpose of this course is to give a general outline of the development of industrialization in the modern world and to consider in slightly more detail the economic history of Great Britain since the Industrial Revolution.

Recommended reading.—W. Ashworth, *A Short History of the International Economy, 1850-1939*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; H. Heaton, *An Economic History of Europe*; E. C. Kirkland, *A History of American Economic Life*; W. A. Lewis, *The Theory of Economic Growth*; M. W. Thomas (Ed.), *A Survey of English Economic History*.

266. Economic History of North America since 1783. Dr. Erickson. 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*; C. L. Goodrich, *Government Promotion of American Canals and Railroads*; 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 England from the Norman Conquest to 1485. Dr. Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR)—Alternative subject Economic History of England from the Norman Conquest to 1485; and for B.A. Honours in History (Second Year).

Recommended reading.—Books will be recommended during the course.

270. **Mediæval Economic History (Classes).** Classes for students taking the B.Sc. (Econ.) Part II—Special subject of Economic History (Mediæval) will be held by 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 ((OR) and (R.R.)) will be held by Dr. Bridbury and Miss Coleman.
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. W. M. 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 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. 201.—Historical Geography—I.
 No. 238.—Historical Geography—II.
 No. 300.—International Economic History, 1850-1945.
 No. 370.—Introduction to International Law of the Sea.
 No. 371.—History of English Law.
 No. 845(a).—Historical Introduction to Modern Britain.

INTERNATIONAL HISTORY

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

289. **Political History, 1763-1939.** Dr. Hatton and Mr. Watt.
 Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR).

Syllabus.—The course will provide a general survey of European history in the period, special attention being given to the growth of the modern nation states and their impact on the non-European world.

Recommended reading.—A basic textbook can be chosen from one of the following: E. Barker (Ed.), *The European Inheritance*, Vols. II and III (part of Vol. III, by G. Bruun, is available in the Home University Library series); G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; C. J. H. Hayes and C. W. Cole, *History of Europe*; T. W. Riker, *A Short History of Modern Europe*; J. C. Revill, *World History*.

More detailed books on specific periods are: D. Thomson, *Europe since Napoleon*; M. Bruce, *The Shaping of the Modern World, 1870-1939*, Vol. 1, 1870-1914; F. L. Bennis, *Europe since 1914 in its world setting* or F. P. Chambers, *This Age of Conflict*. Guidance on further reading can best be obtained from W. N. Medlicott, *Modern European History, 1789-1945*; *A select bibliography*, published by the Historical Association (*Helps for Students of History* No. 60).

The following volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, are recommended for more advanced reading: L. Gershoy, *From Despotism to Revolution, 1763-1789*; C. Brinton, *A Decade of Revolution, 1789-1799*; G. Bruun, *Europe and the French Imperium, 1799-1814*; F. B. Artz, *Reaction and Revolution, 1815-1830*; R. C. Binkley, *Realism and Nationalism, 1852-1871*; C. J. H. Hayes, *A Generation of Materialism, 1871-1900*. Of the numerous national histories, the best guides are: A. Cobban, *A history of modern France*, 2 vols. (Pelican series); E. J. Passant and others, *A short history of Germany, 1815-1945*; A. Vernadsky, *A History of Russia*; C. J. S. Sprigge, *The development of modern Italy*; A. Nevins, *A brief History of the United States*; K. S. Latourette, *A short history of the Far East*; R. A. Humphreys, *The evolution of Latin America*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is essential.

290. **Political History.** Twenty lectures. Dr. Anderson and Mr. Watt.

For B.Sc. (Econ.) Part I (OR).

- (c) **The Growth of the Modern States after 1850.** Ten lectures, 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. Revill, *World History*; G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; H. A. L. Fisher, *History of Europe*; A. J. Grant, *Five Centuries of Europe*; Hayes and Cole, *History of Europe*; E. Lipson, *Europe in the 19th Century*; H. G. Nicholas, *American Union*; 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, C. J. Hayes, *A Political and Cultural History of Europe* (any edition, preferably that of 1952); Grant and Temperley, *Europe in the 19th and 20th Centuries* (6th edn. revised by L. M. Penson); J. H. Jackson (Ed.), *A Modern History of Europe*; T. W. Riker, *A Short History of Modern Europe* (1948 edition); David Thomson, *Europe since Napoleon*. For more advanced reading the volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, can be recommended. The following are useful for non-European developments: S. E. Morison and H. L. Commager, *Growth of the American Republic*, or A. Nevins, *A Brief History of the United States*; R. Muir, *The Expansion of Europe*; Sir John Pratt, *The Expansion of Europe into the Far East*, or K. S. Latourette, *A Short History of the Far East*; M. Bruce, *The Shaping of the Modern World, Vol. I, 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).
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*; W. N. Medlicott, *Modern European History, 1789-1945*; *A select bibliography*; R. W. Seton-Watson, *Britain in Europe, 1789-1914*; C. K. Webster, *The Congress of Vienna*; *The Foreign Policy of Castlereagh* (2 vols.); *The Foreign Policy of Palmerston* (2 vols.); H. W. V. Temperley, *The Foreign Policy of Canning*; H. G. Schenk, *The Aftermath of the Napoleonic Wars*; C. W. Cawley, *The Question of Greek Independence, 1821-1833*; H. W. V. Temperley, *England and the Near East (1808-1854)*; H. M. Vinacke, *A History of the Far East in Modern Times*; A. J. Whyte, *The Evolution of Modern Italy*; E. Darmstaedter, *Bismarck and the Creation of the Second Reich*; P. de la Gorce, *Napoleon III et sa politique*; L. P. Wallace, *The Papacy*

and *European Diplomacy, 1869-1878*; B. H. Sumner, *Russia and the Balkans, 1870-1880*; W. N. Medlicott, *The Congress of Berlin and After; Bismarck, Gladstone, and the Concert of Europe*; W. L. Langer, *European Alliances and Alignments*; *The Franco-Russian Alliance, 1890-1894*; *The Diplomacy of Imperialism*; W. Mansergh, *The Coming of the First World War, 1878-1914*; H. C. Allen, *Great Britain and the United States*. Further books on particular aspects will be recommended during the course.

292. International History, 1914-1945.

Dr. Gottlieb, Mr. Grün and Mr. Watt. Twenty 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*; W. W. Gottlieb, *Studies in Select Diplomacy*.

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, *Eléments 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 since 1815.

Dr. Hatton. Eight 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. Andersson, and J. H. Jackson; L. D. Steefel, *The Schleswig-Holstein Question*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; H. Friis, *Scandinavia between East and West*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918–1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion, and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905–1908*.

295. British-American-Russian Relations, 1815–1915. (This course will not be given in the session 1961–62; it will be given in the session 1962–63.)

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*; A. E. Campbell, *Great Britain and the United States, 1895–1903*.

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. Hertset, *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. (This course will not be given in the session 1961–62; it will be given in the session 1962–63.)

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. Anglo-German Naval Diplomacy, 1933–1939. Mr. Watt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of International History.

Syllabus.—A study in detail of the interaction of strategic and diplomatic factors in Anglo-German relations, 1933–1939, in the naval sphere. The course will be based on selected documents from the following authorities: *Documents on German Foreign Policy*, Series C, Vols. II–VI, Series D, Vols. IV and VI; *Trial of the Major War Criminals*; *Documents on British Foreign Policy*, 2nd Series, 3rd Series, Vols. III–IV; *Foreign Relations of the United States, 1934–1938*; “Fuhrer Conferences on Naval Affairs” in *Brassey's Naval Annual, 1948*; N. H. Baynes (Ed.), *Hitler's Speeches, 1922–1939*, Vol. II; selected extracts from the *German Admiralty Archives* (from originals on microfilm in P.R.O. and the U.S. Department of the Navy).

300. International Economic History, 1850–1945. Professor Fisher and Mr. W. M. 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. Sturmthal, *Unity and Diversity in European Labor*.

W. Y. Carman, *A History of Firearms from Earliest Times to 1914*; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; A. J. Marder, *British Naval Policy, 1880-1905*; J. T. W. Newbold, *How Europe Armed for War (1871-1914)*; E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833-1914*; *Survey of International Affairs, 1939-46*, Vol. I, *The World in March, 1939*, Part II (Royal Institute of International Affairs); Y.-L. Wu, *Economic Warfare*.

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 first-year students taking the paper in Political History, B.Sc. (Econ.) Part I (RR).

302. 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 (OR).

303. 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

304. 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.

305. International History, 1815-1939 (Introductory course). A class for beginners in research on the sources and methods of research in modern diplomatic history, at the Institute of Historical Research. Dr. Anderson. Michaelmas Term.

306. 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.

307. The Diplomatic Background of the Second World War (Seminar). Professor Medlicott, Dr. Gottlieb, Mr. Grün and Mr. Watt. Admission will be strictly by permission of Professor Medlicott.

Reference should also be made to the following courses:—

- No. 335.—**The Near Eastern Question, 1875-1881 (Intercollegiate Seminar).**
- No. 336.—**The Diplomatic Relations of the Great Powers since 1815.**
- No. 341.—**European History, 1500-1800.**
- No. 342.—**European History since 1800.**
- No. 506.—**International Institutions.**
- No. 665.—**Current Problems in the Middle East and North Africa (Seminar).**

**GENERAL AND SPECIAL COURSES FOR
B.A. HONOURS IN HISTORY (and for
B.A. Honours in Geography with
History Subsidiary)**

325. 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 Mediæval 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, *Mediæval People* (Pelican Books).

Further books will be recommended during the course.

327. English History, 1450-1603. Professor Fisher. 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.).

Further books will be recommended during the course.

328. English History, 1603-1760. Professor Fisher and Mrs. Carter. Twenty lectures, Lent and Summer Terms.

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*.

Further books will be recommended during the course.

329. English History, 1846 to the present day. 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, 1660 to the present day (Class). Dr. Brown will hold fifteen classes in the Michaelmas and Lent Terms on English Constitutional History from 1660, for students taking B.A. Honours in History (with Optional subject of English Constitutional History) and others.

331. European History, 1200-1500. Dr. Waley. Twenty-five lectures, Sessional.

For B.A. Honours in History (First and Second Years).

Recommended reading.—Books will be recommended during the course.

332. Florence during the Renaissance, 1464-1530 (Intercollegiate). Classes will be held throughout the session by Dr. Waley for students taking B.A. Honours in History with special subject of Florence during the Renaissance, 1464-1530.

333. The Civilisation of the Renaissance in Italy, 1400-1550. Classes will be held at the Warburg Institute in the Michaelmas Term by Dr. Waley and others for students taking B.A. Honours in History with Optional subject of the Civilisation of the Renaissance in Italy, 1400-1550.

334. Economic and Social History of Tudor England (Intercollegiate 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. 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.

336. 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.

337. **Mediaeval 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.
338. **English History from 1450 to 1920 (Classes).** Classes and tutorials will be held throughout the session for students taking B.A. Honours in History.
339. **English and European History from the Middle of the Eighteenth Century (Classes).** Classes and tutorials will be held throughout the session by Dr. Brown on the outlines of English and European History, for students taking History as a subsidiary subject to B.A. Honours in Geography.
340. **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.
341. **European History, 1500-1800.** 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.
342. **European History since 1800.** Dr. Bourne and Miss Lee. Classes will be held throughout the session for students taking B.A. Honours in History.
Recommended reading.—Books will be recommended during the course.
343. **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 Dr. Bridbury and others.

Note.—Intercollegiate lecture courses covering the field of Mediaeval European History from 400-1500 and Modern European History from 1500 to the present day are given at the Senate House on Monday mornings throughout the session 1961-62 and 1962-63.

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 (Mediaeval) (Class).
No. 261.—Introduction to Modern English Economic History.
No. 269.—Economic History of England from the Norman Conquest to 1485.
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 since 1815.
No. 295.—British-American-Russian Relations, 1815-1914.
No. 541.—Political and Social Theory.
No. 841.—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 117, pp. 279 to 281.

International History: Courses 289 to 307, pp. 317 to 323.

International Law: Course 369, pp. 335, 336
and, particularly,

International Relations: Courses 500 to 533, pp. 369 to 377.

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Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

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

For B.Sc. (Econ.) Part I (RR).

Syllabus.—The nature and origins of law. Historical outline of English Law and the development of Common Law and Equity. Sources of law; case law and the theory of binding precedent; legislation and statutory interpretation; custom. The organisation of the courts, and their jurisdiction. Administrative Tribunals. Arbitration. The personnel of the law, including judges, magistrates, juries, barristers and solicitors. An outline of procedure and evidence. Legal aid and advice. The branches of law and their main characteristics; constitutional and administrative law; criminal law; contract; tort; property; family law; mercantile law. Legal persons, natural and artificial. Codification. Law reform.

Recommended reading.—G. L. Williams, *Learning the Law*; P. Archer, *The Queen's Courts*; W. M. Geldart, *Elements of English Law*.

TEXT-BOOKS: R. M. Jackson, *The Machinery of Justice in England*; O. Hood Phillips, *A First Book of English Law*; P. S. James, *An Introduction to English Law*.

FURTHER READING: R. Rubinstein, *John Citizen and the Law*; A. T. Denning, *Freedom under the Law*; *The Changing Law*; *The Road to Justice*; P. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; G. L. Williams, *The Proof of Guilt*; F. T. Giles, *The Criminal Law*; *The Magistrates' Courts*; *Children and the Law*.

Students should consult the latest editions of these books.

361. English Constitutional Law. Professor de Smith and Professor Griffith. 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 (OR) (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* (6th 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.).

FURTHER READING: A. V. Dicey, *Introduction to the Study of the Law of the Constitution* (10th edn.); W. I. Jennings, *The Law and the Constitution* (5th edn.); A. Denning, *Freedom under the Law*; L. S. Amery, *Thoughts on the Constitution* (2nd edn.); G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; R. F. V. Heuston, *Essays in Constitutional Law*.

FOR REFERENCE: W. R. Anson, *Law and Custom of the Constitution* (Vol. I, 5th edn.; Vol. II, 4th edn.); W. I. Jennings, *Cabinet Government* (3rd edn.); *Parliament* (2nd edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (2nd edn.); W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, Chaps. 1-3; S. A. de Smith, *Judicial Review of Administrative Action*; K. C. Wheare, *The Constitutional Structure of the Commonwealth*.

362. The Common Law: With special reference to Commercial and Industrial Relations. Mr. Grunfeld. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I (OR)—Alternative subject of Elements of English Law, Part C; for LL.B. Final—Optional subject of Industrial Law; for students attending the Trade United Studies course and for Diploma in Personnel Management.

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 and Mr. Downey. Forty-six lectures (day), 25 lectures of one and a half hours (evening), Sessional.

For LL.B. Final, Part I.

Syllabus.—Definition and classification of crimes, and the general nature of criminal law. General principles of responsibility. Exemptions from responsibility and defences. Degrees of participation. Preliminary crimes.

Offences against the person. Murder, manslaughter, infanticide, child destruction, suicide. Wounding and assaults.

Offences against Property. Legal theories of ownership, possession and custody in relation to criminal law. Larceny, robbery, blackmail, false pretences, cheat, personation. Embezzlement, falsification of accounts, fraudulent conversion, obtaining credit by fraud. Receiving. Burglary, housebreaking and sacrilege. Arson and malicious damage. Forgery.

Offences of a Public Nature. Perjury, bigamy, criminal libel, conspiracy and public mischief.

Recommended reading.—C. S. Kenny, *Outlines of Criminal Law* (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*.

The following should be purchased by the student: The Larceny Act, 1916; The Homicide Act, 1957; Criminal Law Revision Committee *Second Report (Suicide)* 1960 (Cmnd. 1187).

364. English Legal System. Professor Wheatcroft (day), Mr. Dwor-kin (evening). Thirty-five lectures, Sessional.

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 lectures, 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.—P. S. Atiyah, *Introduction to the Law of Contract*; 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; overriding interests; minor interests; indefeasibility of title.

Recommended reading.—TEXT BOOKS: G. C. Cheshire, *The Modern Law of Real Property* (8th edn.); R. E. Megarry, *A Manual of the Law of Real Property* (2nd edn.).

FURTHER READING: R. E. Megarry and H. W. R. Wade, *The Law of Real Property* (2nd edn.); H. J. Hood and H. W. Challis, *Property Acts* (8th edn.); G. H. Curtis and T. B. F. Ruoff, *Registered Conveyancing*.

367. Conflict of Laws. Professor Kahn-Freund and Dr. Mann. Thirty-five lectures, Sessional (day only).

For LL.B. Final, Part II.

Syllabus.—Part I: Fundamental conceptions. (1) The nature and theories of the conflict of laws. (2) Classification and *renvoi*. (3) Public policy. (4) Domicile and status of individuals. Part II: Choice of Law. (1) Husband and wife. Validity of marriage. Nullity. Divorce. Matrimonial jurisdiction of English courts. Recognition of foreign decrees. Mutual rights of husband and wife. (2) Parent and child. Legitimacy. Legitimation. Adoption. Guardianship. Lunacy. (3) Corporations. (4) Contracts. The proper law doctrine. Formal and essential validity, interpretation, effects and discharge of contracts. (5) Torts. (6) Property, movable and immovable, tangible and intangible. Particular assignments of property. Effect of marriage on property. (7) Succession. Validity and construction of wills. Distribution of estates on intestacy and under wills. Administration of deceaseds' estates. Exercise by will of powers of appointment. Part III: Choice of

Jurisdiction. (1) Jurisdiction of English courts. (2) Recognition and enforcement of foreign judgments. Part IV: Procedure and Proof of Foreign Law.

Recommended reading.—G. C. Cheshire, *Private International Law* (5th edn.); R. H. Graveson, *Conflict of Laws* (4th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.).

FOR PRELIMINARY READING: J. A. C. Thomas, *Private International Law*.

FOR REFERENCE: Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.); C. M. Schmitthoff, *A Textbook of the English Conflict of Laws* (3rd edn.); M. Wolff, *Private International Law* (2nd edn.).

PERIODICALS: Articles on this subject appear in the *British Year Book of International Law*; the *Law Quarterly Review*; the *International and Comparative Law Quarterly*; and the *Modern Law Review*.

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* (4th edn.); S. J. Bailey, *The Law of Wills* (5th edn.). **FOR REFERENCE:** E. V. Williams, *A Treatise on the Law of Executors and Administrators* (14th edn.); H. S. Theobald, *The Law of Wills* (11th edn.).

369. Public International Law. Professor Johnson, Forty lectures, (day); Dr. Valentine, Twenty lectures (evening). Michaelmas and Lent Terms.

For LL.B. Final, Part II; B.Sc. (Econ.) Part I (RR)—Alternative subject of Elements 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); and for the Certificate in International Studies.

Syllabus.—Foundations of International Law:—Historical, Sociological and Ethical Background—Characteristics—Law-Creating Processes and Law-Determining Agencies—Fundamental Principles of International Law—Optional Principles and Standards—International Law and Municipal Law.

International Personality:—Subjects of International Law—Sovereignty and State Equality—Recognition—Representation—Continuity of International Persons.

State Jurisdiction:—Territorial Jurisdiction—Personal Jurisdiction—Other Bases of Jurisdiction—Limitations of State Jurisdiction.

Objects of International Law:—Territory—Land Frontiers—Maritime Frontiers—The High Seas—Airspace—Outer Space—Individuals—Business Enterprises—Ships—Aircraft.

International Transactions:—Treaties and other International Engagements. Responsibility for the Breach of International Obligations.

International Order and Organisation:—International Law and the Regulation of the Use of Force—The Pacific Settlement of International Disputes—The Legal Organisation of International Society.

Recommended reading.—TEXT-BOOKS: J. L. Brierly, *The Law of Nations* (5th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.); J. G. Starke, *An Introduction to International Law* (4th edn.).

CASE-BOOK: L. C. Green, *International Law through the Cases* (2nd edn.).

FURTHER READING: L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn., with special reference to Part I; Part II, Chap. I, sections 1 and 2, and Chap. II, and Part III, Chap. I, sections 2 and 3); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *International Organization*; *Year Book of World Affairs*.

370. Introduction to International Law of the Sea. Professor Johnson. Ten lectures, Michaelmas Term.

For LL.B. Final Part II; 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.—INTRODUCTION. History—Sources.

DELIMITATION OF THE RELEVANT AREAS.—Internal Waters—The Territorial Sea and the Contiguous Zone—Bays—Harbour works and roadsteads—Islands and low-tide elevations—International straits—The High Seas and the Sea-Bed—The Continental Shelf.

THE PRINCIPLE OF THE FREEDOM OF THE SEAS.—Freedom of navigation—Freedom of fishing—Freedom to lay submarine cables and pipelines—Freedom to fly over the high seas—Other Freedoms of the Seas—Exceptions.

ACCESS TO THE SEA FOR STATES WITHOUT A SEA COAST.—Transit between the Sea and a State without a Sea Coast—Use of Ports and the Territorial Sea of Neighbouring States—Right to Sail Ships on the High Seas.

THE LEGAL REGIME OF SHIPS.—Nationality of Ships—Flags of Convenience—Warships and Government-owned ships on non-commercial service—Government-owned Merchant Ships—Privately-owned Merchant Ships—Collision, Wreck and Salvage.

RULES FOR SECURING SAFETY AT SEA.—Rules for the Prevention of Collisions at Sea—Assistance at Sea—Maritime Safety Conventions—International Organisations concerned with Safety at Sea.

MARITIME LAW IN TIME OF WAR.—Prize Law and Prize Courts—Rules of Maritime Warfare—The Law of Maritime Neutrality.

Recommended reading.—TEXT-BOOKS: C. J. Colombos, *International Law of the Sea* (4th edn.); H. A. Smith, *The Law and Custom of the Sea* (3rd edn.).

FURTHER READING: T. W. Fulton, *Sovereignty of the Sea*; W. R. Kennedy, *Civil Salvage* (4th edn.); R. G. Marsden, *Collisions at Sea* (10th edn.); L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn.).

PERIODICALS: *American Journal of International Law*; *British Year Book of International Law*; *International and Comparative Law Quarterly*; *Year Book of World Affairs*.

371. 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.

372. 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 the lecturer.

Syllabus.—(a) *Agency*. The nature and creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and Agent *vis-à-vis* third parties; passing of property by Agents and the Factors Act, 1889. Rights and duties of Principal and Agent *inter se*. Agent's lien. Agent's commission. Termination of Agency. The Agency of married women.

(b) *Sales and Other Dispositions of Goods*. Nature of goods, property possession and delivery. Special rules relating to the Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales. Gifts *inter vivos* and *donationes mortis causa*. Bills of Sale. Bailments. Hire Purchase Agreements. Pledges. Effect of Bankruptcy and Liquidation. Doctrine of relation back and reputed ownership.

Recommended reading.—(a) Preliminary Reading: Chapters on Agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; 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.]

373. 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.

374. 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).

375. Industrial Law. Professor Kahn-Freund (day), Mr. Grunfeld (evening). Twenty-five lectures, Sessional.

For LL.B. Final, Part II—Optional subject of Industrial Law.

Syllabus.—The scope and sources of Industrial Law (Labour Law). The contract of employment, its formation and its effect. Freedom of contract and its restrictions. Contractual obligations of employer and employee. Express and implied terms. The importance of custom. Enforcement of the contract. The Employers and Workmen Act,

1875. Termination of the contract. Covenants in restraint of trade. The meaning of the term "servant" at common law and of the term "workman" under statutes.

The 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. 379. 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*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*.

Students should always use the latest editions of the above books.

376. Law of Domestic Relations. Professor Kahn-Freund and Mrs. Aikin, Mr. Davies 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* (6th edn.).

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.

377. 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).

GENERAL READING: W. A. Robson, *Justice and Administrative Law* (3rd edn. 1951); *Nationalized Industry and Public Ownership*; S. A. de Smith, *Judicial Review of Administrative Action*; C. T. Carr, *Concerning English Administrative Law*; G. L. Williams, *Crown Proceedings*; C. K. Allen, *Law and Orders* (2nd edn. 1956); W. O. Hart, *Introduction to the Law of Local Government and Administration* (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*; R. M. Jackson, *The Machinery of Local Government*; W. I. Jennings, *Parliament* (2nd edn. 1957); *Cabinet Government* (2nd edn. 1951); 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); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.).

GOVERNMENT PUBLICATIONS: *Report of the Committee on Ministers' Powers* (Cmd. 4060, 1931-1932); *Reports of Select Committee on Nationalised Industries*; *Reports of Select Committee on Statutory Instruments*; *Report of the Committee on Administrative Tribunals and Enquiries* (Cmd. 218, 1957).

PERIODICALS: That particularly concerned with administrative law is *Public Law*. Articles on the subject also appear in *The Modern Law Review*, *Law Quarterly Review*, and *Cambridge Law Journal*.

378. Introduction to Air Law. Professor Johnson. Ten lectures, Lent Term.

For LL.B. Final, Part II; 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).

Syllabus.—INTERNATIONAL AIR LAW.—History—Sources—The Chicago Convention, 1944—The International Civil Aviation Organisation—Scheduled and non-Scheduled international air services—Cabotage—The legal status of aircraft—Criminal and civil jurisdiction over aircraft—The Warsaw Convention, 1929—The Hague Protocol, 1955—The Rome Convention, 1952—The Hague Air Warfare Rules, 1923.

UNITED KINGDOM AIR LAW.—History—The common law in regard to private rights in airspace—The Civil Aviation Act, 1949—The Air Corporations Act, 1949—The Civil Aviation (Licensing) Act, 1960—The Carriage by Air Act, 1932—The Carriage by Air (Non-International Carriage) (United Kingdom) Order, 1952.

AIR LAW IN THE UNITED STATES.—History—The Federal Aviation Act, 1958—The National Aeronautics and Space Act, 1958.

Recommended reading.—TEXT-BOOKS: B. Cheng, *The Law of International Air Transport*; A. D. McNair, *The Law of the Air* (2nd edn.); C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement).

FURTHER READING: B. Cheng, "Air and Space Law" in *Current Legal Problems*, Vol. 9, and subsequent volumes; H. Drion, *Limitation of Liabilities in International Air Law*; A. J. Thomas, *Economic Regulation of Scheduled Air Transport*.

PERIODICALS: *Journal of Air Law and Commerce*.

379. Law of Labour and of Social Insurance. Professor Kahn-Freund. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Industry and Trade; for Diploma in Personnel Management, and for Trade Union Studies students. Optional for Diploma in Social Administration (Second Year).

Syllabus.—The significance of law in the shaping of labour relations.

The legal framework of labour relations, and the sources of mutual rights and obligations between employers and employees: the contract of employment, custom, the common law, statutes, and statutory instruments.

Collective bargaining and the law. Collective agreements, their legal effect and enforcement, with special reference to fair wages clauses and to the duty to observe recognised terms and conditions.

Statutory regulation of minimum remuneration and of holidays with pay, of wage payments and deductions, and of hours of work.

Protective legislation concerning health, safety, and welfare, employment of children, young persons, and women, and enforcement of this legislation.

Freedom to organise, and its protection. Legal status of trade unions. Relation between a union and its members. Union registration. Law governing trade union funds, including the political fund.

Trade disputes, strikes, lock-outs. Freedom to strike and to lock out and its limitations. Criminal and civil liabilities arising from labour stoppages and from acts done in their course.

Prevention of stoppages: conciliation, arbitration and inquiry. Powers and functions of the Ministry of Labour in relation to trade disputes.

History and survey of legislation designed to secure "freedom from want", with special reference to social insurance. The Ministry of National Insurance. Difference between benefits of right and discretionary benefits. Contributions and contribution conditions. Classification of insured persons. Unemployment, sickness, maternity, widow's benefits, retirement pension, death grant. Industrial injury, disablement, and death benefits, and their relation to the employer's liability for damages. The family concept in social security legislation. Enforcement of insurance claims. The residuary assistance service.

Comparative references to foreign legal systems will be included, wherever possible.

Recommended reading.—W. Mansfield Cooper, *Outlines of Industrial Law*; F. Tillyard, *The Worker and the State*; U.K. Ministry of Labour, *Industrial Relations Handbook* (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*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*.

FOR REFERENCE: A. S. Diamond, *The Law of Master and Servant*; J. H. Munkman, *Employers' Liability at Common Law*; H. Samuels, *Factory Law*; J. L. Gayler, *Industrial Law*; H. Vester and A. H. Gardner, *Trade Union Law and Practice*; A. Redgrave, *Factories, Truck and Shop Acts*; H. L. Hutchins and A. Harrison, *A History of Factory Legislation*; T. K. Djang, *Factory Inspection in Great Britain*; W. A. Robson, "The Factories Act" (*Encyclopedia of the Laws of England*, 3rd edn.); 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* (2nd edn.); 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.

380. Introduction to Comparative Law. Professor Kahn-Freund. Ten lectures, Michaelmas Term.

For LL.B. Final Part II; and for graduate law students. Others will only be admitted by permission of Professor Kahn-Freund.

Syllabus.—A discussion of some of the problems arising from the comparison of "common law" and of "civil law" systems. Although there will be occasional references to other legal systems the course will be mainly concerned with English, American, French and German law. It will include the following topics: The purpose and method of studying "comparative law". Sources of international misunderstandings between lawyers. Meaning of the antithesis of "common" and "civil" law. Significance of Roman law. Codified law versus case law. Systematic versus casuistic thinking. University made law versus "guild law". The contrast of public and private law and its fundamental importance. "Separation of powers" and "séparation des pouvoirs". The role of the courts in law making. Statutory interpretation. Principle of precedent. Constitutional review. "General clauses" and Equity. "Freedom of contract" versus protection of workers and consumers. Influence of technical development on delictual liability. Publicity of property transactions. The meaning of "commercial law".

Recommended reading.—H. C. Gutteridge, *Comparative Law* (2nd edn.); R. B. Schlesinger, *Comparative Law, Cases and Materials* (2nd edn.); R. C. K. Ensor, *Courts and Judges in France, Germany and England*; R. David, *Traité Élémentaire de Droit Civil Comparé*; R. David and H. P. de Vries, *The French Legal System*; *Manual of German Law* edited by British Foreign Office (2 Vols.); C. J. Hamson and T. F. T. Plucknett, *The English Trial and Comparative Law*; C. J. Hamson, *Executive Discretion and Judicial Control: an Aspect of the French Conseil d'Etat*; F. H. Lawson, *A Common Lawyer looks at the Civil Law*; F. W. Maitland, "Trust and Corporation" and "The Corporation Sole" in *Selected Essays*; A. T. Von Mehren, *The Civil Law System, Cases and Materials*.

FOR REFERENCE: P. Arminjon, B. Nolde and M. Wolff, *Traité de Droit Comparé* (3 vols.); W. W. Buckland and A. D. McNair, *Roman Law and Common Law* (2nd edn.); S. Galeotti, *The Judicial Control of Public Authorities in England and in Italy*; F. H. Lawson, *Negligence in the Civil Law*; D. Lloyd, *Public Policy*; M. Rheinstein (Ed.), *Max Weber on Law in Economy and Society*; J. D. B. Mitchell, *The Contracts of Public Authorities*; K. Renner, *The Institutions of Private Law and their Social Functions*; B. Schwartz (Ed.), *The Code Napoleon and the Common-law World*; M. A. Sieghart, *Government by Decree*; H. Street, *Government Liability, A Comparative Study*; C. Szladits, *Guide to Foreign Legal Materials (French, German, Swiss)*.

Students should consult the *International and Comparative Law Quarterly* and the *American Journal of Comparative Law*.

381. Law in a Changing Society. Professor Friedmann. Ten lectures and ten seminars, Lent Term.

For Third Year and graduate students of Law and Sociology.

Syllabus.—The roles of legislator, public opinion and the judicial process in the adaptation of law to social change. Changes in the concept and function of property. The new pluralism: corporate power and state sovereignty. Changes in the concept and function of the family, and the response of the law. The growth of the welfare state and the response of the law.

Recommended reading.—Books will be recommended during the course.

382. Soviet Law. Dr. Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Government, Option (iii) (d); also for graduate students of Law and others interested.

Syllabus.—Soviet interpretations of the Marxist doctrine of State and Law. Unity of the legal system and the position of Public International Law. Fundamental Notions of Civil Law. Family Law. Inheritance. Criminal Law. "Socialist" Legality. Organs of the Judiciary.

Recommended reading.—TEXT-BOOKS: V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II-V; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; *Settling Disputes in Soviet Society*; I. Lapenna, *Conceptions Sovietiques de Droit International Public*; *Soviet and Yugoslav Legal Systems*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1-3.

CASE BOOK: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*.

FURTHER READING: A. S. Fedoseyev, *Osnovy Sovetskogo Gosudarstva i Prava*; O. S. Ioffe (Ed.), *Sorok Let Sovetskogo Prava 1917-1957*, Vol. I; L. I. Mandel'shtam (Ed.), *Sbornik Zakonov S.S.S.R. i Ukazov Prezidiuma Verkhovnogo Soveta S.S.S.R. 1938-1958*; M. D. Shargorodsky (Ed.), *Sorok Let Sovetskogo Prava 1917-1957*, Vol. II.

Students should consult the latest editions of these books.

383. 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 Law ¹	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

¹Students must obtain a personal copy of the text of the Institutes of Justinian (edited by Moyle or Sandars) for use in the class.

Subject	Degrees for which classes are intended
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.) Part I (OR) and (RR).
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 (OR)
408. English Legal Institutions	B.Sc. (Econ.) Part I (RR)
409. Elements of Commercial Law	B.Sc. (Econ.) Part II
410. Law of Labour and of Social Insurance	B.Sc. (Econ.) Part II

LECTURE COURSES FOR THE LL.B. DEGREE HELD AT THE OTHER COLLEGES PARTICIPATING IN THE TEACHING OF LAW

(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	
414. Introduction to the Study of Law	Various	U.C.	D.
415. Roman Law	A Professor Powell and Mr. Millner	U.C.	D.
	B Mr. Morrison	K.C.	E.

(b) Final Course

Subject	Lecturer	College	Day or Evening
417. English Law— Tort	Mr. Millner Professor Nokes	U.C. K.C.	D. E.
418. English Law— Trusts	Professor Keeton Mr. Scamell	U.C. U.C.	D. E.
419. Jurisprudence and Legal Theory A	Professor Lloyd Mr. Waters	U.C. U.C.	D. E.
Legal Theory B	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. K.C.	D.E. E.
424. Roman Law	Professor Powell	U.C.	D.E.
425. Law of Evidence	Professor Nokes Mr. Morrison	K.C. K.C.	D. E.
426. Conflict of Laws	Mr. Jones	K.C.	E.
427. Current Legal Problems	Various	U.C.	D.

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)	Professor de Smith, Mr. Holland
(India and Pakistan)	Professor Gledhill.
433. International Economic Law	Dr. Schwarzenberger, Mr. Green.
434. Law of International Institutions	Dr. Mann, Dr. Valentine.

Subject	Lecturer
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, Dr. Valentine.
443. Criminology	Mr. Hall Williams, Dr. James.
444. Air Law	Professor Johnson, Mr. Slynn.
445. International Law of the Sea	Professor Johnson, Mr. Slynn.
446. International Law of War and Neutrality	Colonel Draper.
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, Professor Ryder.
451. Illegality and Restitution	Mr. Diamond, Mr. Goff.
452. History of International Law	Colonel Draper.
453. Comparative Criminal Law and Procedure	Mr. Hall Williams, Mr. Davies, Mr. Prevezer.
454. Principles of Civil Litigation	Professor Wheatcroft, 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. 526.—**Public International Law (Class).**

No. 848.—**The Causes and Treatment of Crime.**

No. 850.—**Selected Problems of Criminology and Penology.**

No. 851.—**The Causes and Treatment of Crime (Seminar).**

MODERN LANGUAGES

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MODERN LANGUAGES

B.Sc. (Econ.): Old Regulations

Students studying for Part II or continuing to study for Part I under the Old Regulations should see Mrs. Scott-James as early as possible in the first week of the session for advice concerning the courses which they should attend.

B.Sc. (Econ.): New Regulations

NOTE: ALL students wishing to take a language with Part I must see Mrs. Scott-James 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 course involves at least two years of study (one of which may already have been taken with Part I), and students in this category should consult Mrs. Scott-James at the latest in the first week of their second session.

(a) French

Part I

Students who do not possess the General Certificate of Education at Advanced Level, or its equivalent, in French must see Mrs. Scott-James before their choice of French as an Alternative subject can be confirmed.

456. French I.

For students in their *first* year who have chosen French as an Alternative.

(a) Day students.

(1) Composition and Translation.

Students will be divided into classes according to their standard.

(2) Discussion class.

Students will be divided into small groups. Class-work based on texts relating to relevant aspects of 19th Century France.

(b) Evening students.

Syllabus as for Day students. Hours to be arranged.

Part II

Students who do not possess the General Certificate of Education at Advanced Level, or its equivalent, in French must see Mrs. Scott-James before their choice of French can be confirmed.

457. French II.

For students in their *second* year who have chosen French as one of the papers for their Special subject. Students who, having taken French in Part I, wish to offer it in Part II, should consult Mrs. Scott-James with a view to deciding whether they should proceed to French III in their second or third year.

(a) Day students.

(1) **Social and Political Themes in French Literature: 1815-1871.**

- (i) The permanent elements in French social structure and institutions—their features in the 19th century novel; family—association—social classes; the evolution of urban and rural society. Mrs. Scott-James. Eight lectures, Michaelmas Term.
- (ii) Aspects of social changes in the 19th century; trends of opinion under the Restoration, the Second Republic and the Second Empire reflected in literature. Dr. Tint. Ten lectures, Lent Term.
- (iii) The making of the Third Republic—literature and opinion, the passing of 19th century society. Mrs. Scott-James, Mrs. Orda. Ten lectures, Summer Term.

(2) **Discussion Class** on French texts relating the topics of lectures to the students' particular interests. Students will, as far as practicable, be grouped according to their specialism.

(3) **Composition and Translation.**

- (b) Evening students.
Syllabus as for Day students. Hours to be arranged.

458. **French III.**

For students in their *third* year who have chosen French as one of the papers for their Special subject.

(a) Day students.

(1) **Language as a means of social communication: a comparative study of English and French.** Mrs. Scott-James. Ten lectures, Michaelmas Term.

The problems and teachings of translation and composition work—language and its connotations—the social structure and frontiers of language. Bilingualism and multilingualism: language and personality—language and the group. The national bond of language. How to read a French book—the shortcomings of translations into English. French literature as formative of a concept of French society. French as an instrument of civilisation—French cultural expansion—the rise and wane of French as an international instrument of communication. Language in French public life—a comparison with English. The language of politics. Administrative and legal French. The language of the press—advertising—and the French consumer. Translation, uni-

versal or basic language? The present-day problems of linguistic communication in an expanding community.

(2) **Discussion class.**

Either:

(i) Seminar on course (1) by special admission. Mrs. Scott-James.

Or:

(ii) French writers and the problems of contemporary France. Discussion classes to be arranged according to specialism.

(3) **Composition and Translation.**

(b) Evening students.

Syllabus as for Day students. Hours to be arranged.

The following courses held in other Departments of the School will be of interest to students of French:—

No. 289.—**Political History, 1763-1939.**

No. 290.—**Political History (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. 553.—**The History of Continental Socialist Thought.**

No. 578.—**The Government and Politics of Modern France.**

No. 623.—**Trade Unionism in France.**

No. 839.—**Comparative Social Institutions.**

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>The French Nation: France from Napoleon to Pétain.</i>	(1957)
D. W. Brogan:	<i>The Development of Modern France, 1870-1939.</i>	(1947)
H. Lüthy:	<i>The State of France.</i>	(1955)
C. Seignobos:	<i>Histoire Sincère de la Nation Française.</i>	(1933)
G. Duby et R. Mandrou:	<i>Histoire de la Civilisation Française (2 vols.).</i>	(1958)
A. Cobban:	<i>History of Modern France (2 vols.).</i>	(1961)

HISTORICAL AND POLITICAL DEVELOPMENT:

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: *Histoire des Idées Sociales en France* (3 vols.). (1946-54)
 J. Chastenet: *Histoire de la Troisième République* (5 vols.). (1952-59)
 P. Renouvin: *Histoire des Relations Internationales* (3 vols. V, VI, VII) (1954-57)
 (1815-1929).

- J. Wallace - Hadrill
 and J. McManners
 (Eds.): *France: Government and Society.* (1958)
 J. Touchart: *Histoire des Idées Politiques* (2 vols.). (1959)

LITERATURE AND THOUGHT:

- F. Brunot: *La Pensée et la Langue.* (1926)
 M. Grévisse: *Le Bon Usage.* (1960)
 J. Wahl: *Tableau de la Philosophie Française.* (1946)
 G. Picon: *Panorama de la Nouvelle Littérature Française.* (1950)
 H. Clouard: *Histoire de la Littérature Française du Symbolisme à nos Jours,*
 1885-1940 (2 vols.). (1949)
 P. H. Simon: *Histoire de la Littérature Française Contemporaine.* (1956)
 P. de Boisdeffre: *Une Histoire Vivante de la Littérature d'aujourd'hui*
 (1939-1959). (1959)

SOCIAL AND ECONOMIC DEVELOPMENT:

- H. Calvet: *La Société Française contemporaine.* (1956)
 H. Detton: *L'Administration régionale et locale de la France.* (1953)
 H. Solus: *Les Principes du droit civil.* (1950)
 H. Sée: *Histoire Économique de la France des Temps Modernes.* (1942)
 H. Sée: *Esquisse d'une Histoire Économique et Sociale de la France depuis*
les Origines jusqu' à la Guerre Mondiale. (1929)
 P. George: *La ville; la campagne.* (1952-53)
 L. Chevalier: *Classes laborieuses et classes dangereuses.* (1958)
 A. Dauzat: *La Vie Rurale en France.* (1946)
 H. Pourrat: *L'Homme à la bêche. Histoire du Paysan.* (1950)
 P. Lavedan: *Géographie des Villes.* (1954)
 E. Dolléans and
 G. Dehove: *Histoire du Travail en France* (2 vols.). (1953-55)

GEOGRAPHY:

- A. Longnon: *La Formation de l'Unité Française.* (1922)
 L. Mirot: *Manuel de Géographie Historique de la France* (2 vols.). (1947)
 A. Demangeon: *Géographie Économique et Humaine de la France.* (1946)
 P. M. J. Vidal de la
 Blache and L.
 Gallois (Eds.): *Géographie Universelle, Vol. VI, La France.* (1946-48)
 E. de Martonne: *Geographical Regions of France.* (1933)

B.A. Honours in History

Classes will be arranged if required. Students should consult Mrs. Scott-James.

(b) German**Part I**

Students who do not possess the General Certificate of Education at Advanced Level, or its equivalent, in German must see Mrs. Scott-James before their choice of German as an Alternative subject can be confirmed.

466. German I.

For students in their *first* year who have chosen German as an Alternative.

(a) Day students.

- (1) **Composition and Essays.**
- (2) **Reading of texts.**
- (3) **Lecture on Literature and Civilisation** (subject to be announced) with Discussion.

(b) Evening students.

Syllabus as for Day students. Hours to be arranged.

Part II

Students who do not possess the General Certificate of Education at Advanced Level, or its equivalent, in German must see Mrs. Scott-James before their choice of German can be confirmed.

467. German II.

For students in their *second* year who have chosen German as one of the papers for their Special subject. Students who, having taken German in Part I, wish to offer it in Part II, should see Mrs. Scott-James; they will not attend German II, but will proceed to German III. The syllabus will be as detailed above for Part I.

468. German III.

For students in their *third* year who have chosen German as one of the papers for their Special subject.

(a) Day students.

- (1) **Composition and Essays.**
- (2) **Reading of texts.** Students will be divided into groups according to their specialism.
- (3) **Discussion Class.**
- (4) **Lecture on Literature and Civilisation.** (Subject to be announced.)

(b) Evening students.

Syllabus as for Day students. Hours to be arranged.

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. 553.—**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) |
| 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 Mrs. Scott-James.

(c) Italian

Students who wish to take Italian under the B.Sc. (Econ.) regulations should consult Mrs. Scott-James.

(d) Spanish

Students who wish to take Spanish under the B.Sc. (Econ.) regulations should consult Mrs. Scott-James.

(e) Russian

Students who wish to take Russian under the B.Sc. (Econ.) regulations should consult Mrs. Scott-James.

(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.

480. The Political Novel in Nineteenth Century Europe. Members of the Department of Modern Languages. Ten lectures, Michaelmas Term.

Open to all students.

Syllabus.—A reflection on political trends as shown in the novels of nineteenth century writers.

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 Mrs. Scott-James *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.

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. A voice recorder is provided for use in connection with oral classes or at other times under supervision of a teacher.

**PHILOSOPHY, LOGIC, AND SCIENTIFIC
METHOD**

PHILOSOPHY, LOGIC, AND SCIENTIFIC METHOD

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

485. Introduction to Logic. Dr. Lakatos. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in the day only in the session 1961-62; it will be given in the day and in the evening in the session 1962-63.)

For B.Sc. (Econ.) Part I (RR)—Alternative subject; and for Part II—Special subjects of Economic History (Modern), Option (v) (g), of Social Anthropology, Option (v) (e), and of Computational Methods, Option (iii) (h) (to be followed by Course 486); also for B.A. Honours in Philosophy and Economics (First Year students).

Syllabus.—Historical introduction to modern logic. (Scientific method, argumentation and logic. The Paradoxes. Languages under discussion, object languages and the language in use: the meta-language. Some modern theories of truth. Truth of statements v. validity of arguments. Semantics and syntax: formal languages.) The problem of valid inference as the fundamental problem of elementary logic. (Formative and descriptive signs of an object language. Definition of "valid inference". Outlines of the logic of statement composition; three methods of truth tables, primitive propositions, and primitive rules of inference. Derivation v. Demonstration. The limits of demonstrability.) The logic of predicates: comparison of the traditional logic of categorical propositions with Boolean methods and with the method of quantifiers. (The language of categorical statements: Class interpretation and Venn diagrams; square of opposition, the principles of the syllogism and the derivation of the corollaries.)

Recommended reading.—A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; W. A. Sinclair, *The Traditional Formal Logic*; W. V. O. Quine, *Methods of Logic*; A. Tarski, *Introduction to Logic*; K. R. Popper, "Logic Without Assumptions" (*Proceedings of the Arist. Soc.*, 1946-1947); A. Ambrose and M. Lazerowitz, *The Theory of Formal Inference*.

485(A). Logic Class. Dr. Lakatos will hold a class in conjunction with Course No. 485 in the Michaelmas and Lent Terms.

485(B). Logic Revision Class. Dr. Lakatos will hold a class in connection with Course No. 485 in the first four weeks of the Summer Term.

486. Introduction to Scientific Method. Professor Popper and Mr. Bartley. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR) and (OR)—Alternative subject; and Part II—Special subjects of Economic History (Modern), Option (v) (g), of Social Anthropology, Option (v) (e), and of Computational Methods, Option (iii) (h); for students who have taken Course 485; also for B.A. Honours in Philosophy and Economics (First Year students), and for Diploma in Operational Research. Recommended for graduate students.

Syllabus.—The aims of science—explanation and application. The evolution of standards of explanation. Illustrations from the history of physics and mathematics. Logical

analysis of explanation. Explanation and deduction. Independent tests of the explicans. Logical analysis of tests, prediction, application. Historical and theoretical explanations. Criteria of scientific progress. Hypothetico-deductive systems. Degrees of testability. Rôle of measurement. Hypotheses about single cases (simple hypotheses) and frequency hypotheses. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Inductive probability v. degree of confirmation. Physical, biological, and social sciences.

Recommended reading.—MATHEMATICS AND SCIENCE: A. E. E. McKenzie, *The Major Achievements of Science*; G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science*; R. Courant and H. Robbins, *What is Mathematics?*. HISTORY OF SCIENCE: S. Toulmin and J. Goodfield, *Fabric of the Heavens*; H. Butterfield, *The Origins of Modern Science 1300-1800*; A. Koestler, *The Sleepwalkers*. PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations*; N. R. Campbell, *What is Science?*. PHILOSOPHY OF SOCIAL SCIENCE: L. C. Robbins, *An Essay on the Nature and Significance of Economic Science*; F. A. Hayek, *The Counter-Revolution of Science*; J. W. N. Watkins, "Historical Explanation in the Social Sciences" (*British Journal for the Philosophy of Science*, 1957).

486(A). Scientific Method Class—I. Professor Popper will hold a class in conjunction with Course No. 486 in the Michaelmas and Lent Terms.

486(B). Scientific Method Revision Class. Professor Popper will hold a class in the Summer Term for students taking B.Sc. (Econ.) Part I (First Year) (RR) and (Second Year) (OR) and the B.A. Honours in Philosophy and Economics (First Year).

487. What People Seek in Philosophy. Professor Popper. Eight lectures, Michaelmas Term.

For B.A. Honours in Philosophy and Economics (First Year).
Reading lists will be given during the course.

488. Problems of Philosophy (Seminar). Dr. Wisdom will hold a seminar for B.A. Honours in Philosophy and Economics (First Year) students weekly throughout the session.

Reading lists will be given during the course.

489. Modern Philosophy from Bacon to Kant. Mr. Watkins. Sixty lectures, twice weekly, Sessional.

For B.A. Honours in Philosophy and Economics (First 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. Tonnies), 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. Burtt, *The Metaphysical Foundations of Modern Physical Science*; H. Butterfield, *The Origins of Modern Science*; A. N. Whitehead, *Science and the Modern World*; E. Meyerson, *Identity and Reality*; A. Koestler, *The Sleepwalkers* (Part Four); R. G. Collingwood, *The Idea of Nature*; Ernst Mach, *Science of Mechanics*, Chap. II; A. Koyré, *From the Closed World to the Infinite Universe*.

490. Ethics. Mr. Watkins. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Philosophy and Economics (Second Year).

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*; L. 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*.

491. Logic and Scientific Method (Seminar). Dr. Lakatos will hold a seminar fortnightly throughout the session for B.A. Honours in Philosophy and Economics (Second and Third Year) students.

492. Scientific Method. Members of the Department. Thirty lectures, Sessional. (This course will not be given in the session 1961-62; it will be given in the session 1962-63.)

For B.Sc. (Econ.) Part II; B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—I. How problems of method arise in the sciences. Examples from the history of science such as: the rejection of Atrology by Kepler, Galileo, Newton; mathematics *v.* observation in Descartes, Huyghens, Leibniz; the problem of the subject matter of the social sciences in Smith, Weber, Keynes. II. Discussion of principles of method. The status of explanation and explanatory theories. Criticism of induction. The problem of experience: theory and fact-finding. III. Applications to a few problems such as: mathematics *v.* empirical science. Axiom systems. Probability. The applicability and testability of economic theories; the rôle of models in economics; what questions can statistical methods help to answer?; aims, means, and interpretations of history; the character of various theories of social change; in which senses are social theories 'value-free'?

Recommended reading.—See bibliography given for Course No. 486. In addition: HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe*; A. Einstein and L. Infeld, *The Evolution of Physics*. PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery*; M. R. Cohen and E. Nagel, *Introduction to Logic and Scientific Method*; R. B. Braithwaite, *Scientific Explanation*; P. Duhem, *The Aim and Structure of Physical Theory*; P. W. Bridgman, *The Nature of Physical Theory*; J. O. Wisdom, *The Foundations of Inference in Natural Science*; N. R. Campbell, *Foundations of Physics* (Physics: the Elements). PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences*; F. Kaufman, *The Methodology of the Social Sciences*; Q. Gibson, *The Logic of Social Enquiry*; T. W. Hutchinson, *The Significance and Basic Postulates of Economic Theory*; F. S. C. Northrop, *The Logic of the Sciences and the Humanities*; A. L. Bowley, *The Nature and Purpose of Measurement of Social Phenomena*; G. A. Lundberg, *Social Research*; W. H. Walshe, *Introduction to the Philosophy of History*; M. Mandlebaum, *The Problem of Historical Knowledge*; K. R. Popper, *The Poverty of Historicism*; *The Open Society and Its Enemies*; M. Friedman, *Essays in Positive Economics*; J. W. N. Watkins, "Ideal Types and Historical Explanation" (*British Journal for the Philosophy of Science*, 1952); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959).

492(A), **Scientific Method Class—II.** A class will be held in conjunction with Course 492 throughout the session by members of the Department for B.Sc. (Econ.) Part II and B.A. Honours in Philosophy and Economics (Second Year) students. (This class will not be held in the session 1961–62; it will be held in the session 1962–63.)

493. **Problems of Philosophy.** Dr. Wisdom, Mr. Watkins and members of the Department. A lecture or seminar will be held weekly throughout the session for B.A. Honours in Philosophy and Economics (Second Year) students. Reading lists will be given during the course.

494. **History of Philosophy (Seminar).** Mr. Watkins, Dr. Lakatos and Mr. Bartley will hold a seminar of one-and-a-half hours fortnightly throughout the session for B.A. Honours in Philosophy and Economics (Second Year) students.

495. **Philosophy of the Social Sciences (Seminar).** A seminar of one-and-a-half hours will be held fortnightly throughout the session by Dr. Corry, Mr. Klappholz and Dr. Wisdom for B.A. Honours in Philosophy and Economics (Third Year) students.

496. **General Philosophy (Seminar).** Professor Popper and Dr. Wisdom will hold a seminar of one-and-a-half hours weekly in the Michaelmas and Lent Terms for B.A. Honours in Philosophy and Economics (Third Year) students.

497. **Philosophy (Class).** Mr. Watkins will hold a class weekly throughout the session for B.A. Honours in Philosophy and Economics (Third Year) students.

FOR GRADUATE STUDENTS

498. **Philosophy and Scientific Method (Seminar).** Professor Popper, Dr. Wisdom, Mr. Watkins, Dr. Lakatos and Mr. Bartley will hold a seminar of two hours weekly for graduate students and B.A. Honours in Philosophy and Economics (Third Year) students throughout the session. Admission will be strictly by permission of Professor Popper.

Reference should also be made to the following courses:—

No. 10.—**Elements of Economics.**

No. 40.—**The Structure of Modern Industry.**

No. 41.—**The System of Public Finance.**

No. 53.—**The Economics of the Labour Market.**

No. 260.—**The Economic History of Great Britain and America, 1850–1939.**

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INTERNATIONAL RELATIONS

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

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. 327). 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*; Lord Strang, *Britain in World Affairs*.

501. Elements of International Relations. Professor Manning (day), twenty-five lectures, sessional. Mr. James (evening), sessional.

For B.Sc. (Econ.) Part I (RR)—for those proposing to take Alternative subject, The Structure of International Society I; and for others by permission of Professor Manning.

501(A). Elements of International Relations (Class). Mr. James and others. Sessional.

For B.Sc. (Econ.) Part I (RR)—for those proposing to take Alternative subject, The Structure of International Society I; and for others by permission of Mr. James.

502. Elements of International Relations. Mr. James (day).
Series B. Ten lectures, Michaelmas Term.

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 (OR)—for those taking Alternative subject, The Structure of International Society. (Arrangements for teaching this Alternative subject to any second or third year evening students who wish to take it will be made, by Mr. James.)

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. James and others.

Class B. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (Second Year) (OR)—for those taking Alternative subject, The Structure of International Society; and for others by permission of Mr. James.

504. Theories of International Politics. Mr. Bull. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of International Relations, Option (iv) (d); and for graduate students.

Syllabus.—The principal theories concerning international politics, considered by way of a discussion of the classical writings.

Recommended reading.—Dante, *De Monarchia*; Machiavelli, *The Prince*; *Discourses*; 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; Kant, *Perpetual Peace*; C. von Clausewitz, *On War*; R. Cobden, *The Political Writings of Richard Cobden*, Vol. I; H. von Treitschke, *Politics*; L. Tolstoy, *The Kingdom of God is Within You*; M. K. Gandhi, *Autobiography*; V. I. Lenin, *Imperialism*; R. Aron, *War and Industrial Society*; R. Cox, *Locke on War and Peace*; F. Meinecke, *Machiavellism*; W. Schiffer, *The Legal Community of Mankind*; A. Wolfers and L. W. Martin, *The Anglo-American Tradition in Foreign Affairs*.

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*; H. Blix, *The Treaty-Making Power*; C. Thayer, *Diplomat*.

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); the Certificate in International Studies; and for graduate students.

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., E.C.S.C., and E.E.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*; W. Schiffer, *The Legal Community of Mankind*; 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); F. Van Langenhove, *La crise du système de sécurité collective des Nations-Unies 1946–1957*; G. L. Goodwin, *Britain and the United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; L. M. Goodrich and E. Hambro, *Charter of the United Nations: Commentary and Documents* (2nd edn., 1949); R. N. Gardner, *Sterling-Dollar Diplomacy*; A. Schonfield, *The Attack on World Poverty*; H. L. Ismay, *NATO, the first five years*; B. Moore, *NATO and the Future of Europe*; M. Beloff, *Europe and the Europeans*; P.E.P., *European Organisations*; E. B. Haas, *The Uniting of Europe*; J. F. Deniau, *The Common Market*; F. Borkenau, *The Third International*; and the relevant constitutional documents.

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. Berliner, *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.** Six lectures, Lent 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. Berdyayev, *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); K. C. Wheare, *The Constitutional Structure of the Commonwealth*.

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.—C. van Clausewitz, *On War*; E. V. Gulick, *Europe's Classical Balance of Power*; C. Dupuis, *Le Principe d'Equilibre et la Concert Européen*; B. Brodie, *Strategy in the Missile Age*; A. Wolfers (Ed.), *Alliance Policy in the Cold War*; K. Knorr (Ed.), *NATO and American Security*; H. Bull, *The Control of the Arms Race*; T. C. Schelling and M. H. Halpersin, *Strategy and Arms Control*; P. J. Noel-Baker, *The Arms Race*; M. K. Gandhi, *Autobiography*; J. V. Bondurant, *The Conquest of Violence*; R. Osgood, *Limited War*; Q. Wright, *A Study of War*; R. Aron, *A Century of Total 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.** Ten lectures, Michaelmas Term. **Series B.** Eight lectures, Lent Term. (Series B lectures will not be given in the session 1961-62; they will be given in the session 1962-63.)

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) (e)—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*; P. J. Noel Baker, *The Arms Race*; J. Herz, *International Politics in the Atomic Age*; B. Tunstall, *The Commonwealth and Regional Defence*; E. Hinterhoff, *Disengagement*; A. Buchan, *NATO in the 1960's*; Y. M. Goblet, *Political Geography and the World Map*.

Further reading will be suggested during the course.

516. Domestic Aspects of International Relations. Mr. Chambers. Twenty lectures, Michaelmas and Lent Terms.

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. Twelve lectures, Michaelmas and Lent Terms.

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 purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation

between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the "rule of law" in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer; the future of international law.

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. International Communism and Soviet Foreign Policy. Mr. G. H. Stern. Eight lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For students interested in this subject.

Syllabus.—International implications of the Russian Revolution of 1917. The development of the Communist movement in Eastern Europe, China, Southeast Asia, Latin America, Africa, Western Europe and elsewhere, and relations between the various local Communist organisations. Realpolitik and ideology—strategies and tactics. Changes in Soviet foreign policy and their repercussions on the international Communist movement. The rôle of the Comintern, the Cominform and COMECON in the promotion of world Communism.

Recommended reading.—Detailed references to books will be made during the course.

519. 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).

520. 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).

521. 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).

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 five or more classes will be arranged by Mr. Goodwin 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. Public International Law (Class). A class will be held fortnightly in the Michaelmas and Lent Terms for students taking the Certificate in International Studies.

527. The Economic Factor in International Relations (Seminar). A seminar will be held weekly in the Michaelmas and Lent Terms by Professor Devons, Mr. Goodwin and Mr. Nove for students taking the Certificate in International Studies, for Foreign Service Trainees and for others interested.

FOR GRADUATE STUDENTS

528. International Studies (Seminar). A seminar limited to students taking the Certificate in International Studies will be held throughout the session by Dr. Northedge and Mr. G. H. Stern.

529. Graduate Seminar. A graduate seminar will be held throughout the session. Admission by permission of Professor Manning.

530. Problems of European Integration (Seminar). A seminar will be held by Mr. Day, Mr. Goodwin and Mr. Pickles for graduate students, the details of which will be announced later.

531. Modern Weapons and International Relations (Seminar). A seminar for graduate students will be held fortnightly throughout the session by Mr. Tunstall and Mr. Bull. Other students will be admitted by permission of Mr. Tunstall or Mr. Bull.

532. 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.

533. Seminar for Foreign Service Trainees. A seminar limited to Foreign Service Trainees will be held weekly throughout the session by Mr. Goodwin.

Reference should also be made to the following section and courses:—

International History.

No. 75.—Theory of Monetary Policy.

No. 100.—International Trade.

No. 101.—Applied International Economics.

No. 369.—Public International Law.

No. 942.—International Balance of Payments.

POLITICS AND PUBLIC ADMINISTRATION

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

I. POLITICAL THEORY AND THE HISTORY OF POLITICAL THOUGHT

541. Political and Social Theory. Professor Smellie. 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 Diploma in Personnel Management 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*.

542. Political and Social Theory (Discussion Class). 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.

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. E. Barker); 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*; M. Bowra, *The Greek Experience*; 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*.

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 Guericke, *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. Fifteen classes, Michaelmas and Lent Terms.

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; J. Bodin, *Six Books of the Commonwealth* (trans. Tooley).

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. Mégnard, *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. 1*; 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. Sée, *Les Idées Politiques en France au XVIIe Siècle*; J. A. Passmore, *Ralph Cudworth*.

548. The History of English Political Thought: The Eighteenth Century. Professor Smellie and 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*; J. L. Clifford (Ed.), *Eighteenth Century English Literature*.

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. Soltan, *French Political Thought in the Nineteenth Century*.

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. Professor Smellie and Mr. Kedourie. 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*; E. Kedourie, *Nationalism*.

551 (A). A class will be arranged in connexion with Course No. 551 in the Michaelmas and Lent Terms.

552. The History of American Political Thought. Dr. Crick. 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*.

FOR GRADUATE STUDENTS

553. The History of Continental Socialist Thought. Mr. Pickles. Fifteen lectures, Michaelmas and Lent Terms.

For graduate students; open to undergraduates.

Syllabus.—The approach to Socialism in the seventeenth and eighteenth centuries. Babeuf. Saint-Simon and Saint-Simoniens. Fourier, Considérant and the Fouriéristes. French Christian collectivism culminating in Louis Blanc; Colins. Derivative character of German Socialism; Weitling, Young Germany, Grün, Hess. Proudhon. Proletarian Socialism in France; Blanqui. Marx. The impact of Marxism in Germany, France. From Lassalle to Bernstein; phases of the revisionist controversy; Landauer. Belgium. Guesde and Jaurès in France; reformism *v.* revolution. Lenin, Trotsky and Stalin. Neo-socialism, Blum and the evolution of the Jaurès tradition.

Recommended reading.—T. Kirkup, *A History of Socialism*; F. Mehring, *Die deutsche Sozialdemokratie*; B. Malon, *Histoire du Socialisme*; A. Gray, *The Socialist Tradition*; G. D. H. Cole, *History of Socialism*, Vols. I and II. In preference to the many studies of individual socialist writers, read rather some of the principal works of the authors named above, especially P. Buonarroti, *Conspiration pour l'Égalité, dite de Babeuf*; *Doctrine de Saint-Simon* (Rivière edition); V. Considérant, *Manifeste de l'école sociétaire*; J. J. L. Blanc, *Organisation du Travail*; P. J. Proudhon, *Le principe fédératif*; K. Marx and F. Engels, *Manifesto of the Communist Party*; E. Bernstein, *Die Voraussetzungen des Sozialismus*; J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Être Socialiste; A l'Échelle Humaine*.

554. Politics and Political Thought in the Era of the American Revolution. Dr. Crick. Six lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus.—The American "Revolution" seen as an event in English political thought and politics, as the Whig culmination of 1646 and 1688. The reality and consequences of the attempt of Whiggery to achieve a classless isolation in America will be considered: the Imperial Constitution in the 1760's and 1770's; Politics on the eve of the Revolution; the Declaration of Independence; Burke on Conciliation; the Federal Constitutional Convention of 1787; the contrast and effect of the French Revolution.

Recommended reading.—M. Beloff (Ed.), *The Debate on the American Revolution*; S. E. Morison, *Sources and Documents illustrating the American Revolution*; C. H. McIlwain, *The American Revolution; a Constitutional Interpretation*; G. H. Gutteridge, *English Whiggism and the American Revolution*; C. R. Ritcheson, *British Politics and the American Revolution*; L. B. Namier, *England in the Age of the American Revolution*; C. L. Becker, *The Declaration of Independence*; M. Farrand (Ed.), *The Records of the Federal Convention of 1787*; R. Coupland, *The American Revolution and the British Empire*; L. H. Gipson, *The Coming of the Revolution*.

555. Political Theory (Seminar). Mr. Kedourie, Mr. Thorp and Mr. Minogue will hold a seminar for graduate students, beginning in the second week of the Michaelmas Term.

556. 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. (This seminar will not be held in the session 1961-62; it will be held in the session 1962-63.)

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

574. Elements of Government. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (Second Year) (OR).

Note: All students taking Part I (OR) who have not taken the second-year course should attend these lectures in the current session.

- (a) **The Government of the U.S.A.** Mr. Pear. Ten lectures, Michaelmas Term.
- (b) **Commonwealth Relations.** Mr. Thorp. Five lectures, Lent Term.
- (c) **Introduction to Politics.** Mr. Thorp. Five lectures, Lent Term.

575. British Government: An Introduction to Politics. Professor Robson. Twenty-five lectures, Sessional. (These lectures will not be given in the evening in the session 1961-62.)

For B.Sc. (Econ.) Part I (R.R.); Optional for Diploma in Public Administration (First and Second Years).

Syllabus.—A study of constitutional government in Britain with some reference, by way of comparison and contrast, to the experience and traditions of other countries (not excluding autocracies); to be treated as a study both of institutions and of the concepts associated with them and their interaction with changes in the social order.

The Revolution of 1866; constitutional monarchy, parliamentary supremacy, separation and balance of power, judicial independence, the rule of law, rights and liberties. Cabinet government and other forms of executive government. Representation and legislation; the House of Commons; parties, opinion, special interests and pressure groups; the House of Lords; second chambers. The expansion of administration; the civil service; departments and statutory bodies; armed forces and police; state economic and social action; discretionary power and safeguards. Local government, decentralisation, federalism. Extension of constitutional government in the Commonwealth.

Recommended reading.—Students will be given details of recommended reading shortly before or after the beginning of the course.

576. Problems of Parliament. Mr. Bassett and Mr. Boyd. 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. Champion and others, *British Government since 1918*; G. F. M. Champion, *Parliament: A Survey*.

577. The Theory and Practice of Public Administration. Professor Robson. Ten lectures, Michaelmas Term.

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; 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*; E. Strauss, *The Ruling Servants*.

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. Boyd. 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. Developments since 1953.

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* (2nd edn.). Students should also read and study the Soviet Constitution of 1936 and the Communist Party Statute, 1952. Further reading, including texts of documents and recent articles, will be recommended during the course.

General Historical, Political and Economic Background: E. H. Carr, *The Bolshevik Revolution* (Vols. 3, 4, 5 and 6); 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*; *The History of the Communist Party of the Soviet Union* (Moscow, 1961); M. Fainsod, *Smolensk under Soviet Rule*.

582. **Government in New and Emergent States.** Dr. Mair. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (iii), Option (e); Overseas Service Officers; Diploma in Economic and Social Administration; and for Diploma in Social Administration (Overseas Option) (First Year).

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*.

583. **The Governments of India, Pakistan and Ceylon.** Professor Somjee. Ten lectures at times to be announced.

For B.Sc. (Econ.) Part II—Special subject of Government (iii), option (a).

584. **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* (2nd edn.); 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*; K. C. Wheare, *Federal Government; The Constitutional Structure of the Commonwealth*; L. Lipson, *The Politics of Equality*; G. M. Carter, *The Politics of Inequality*.

584 (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. 584.

585. 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.

586. Political Parties. Mr. Pear. Six lectures, Summer 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

587. 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.

588. Soviet Problems (Seminar). Mr. Schapiro will hold a weekly 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. Others may attend by invitation only.

589. 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.

590. Current Problems in British Politics (Seminar). A seminar will be held for graduate students by Mr. Bassett in the Lent Term.

591. 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*.

592. 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 Marché Commun*.

(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 1961-62.

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.—D. N. Chester and F. M. G. Willson, *The Organisation of British Central Government, 1914–1956*; 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*; 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); W. A. Robson, *Justice and Administrative Law* (3rd edn.); the new Whitehall Series.

606. The British Civil Service. Mr. Baker. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government. Also for graduate students, Diploma in Public Administration, and Diploma in Economic and Social Administration.

Syllabus.—Definitions and distinctions from other public organisations. Numbers and deployment. Basic purposes and variety and flexibility of functions.

History and present structure of the Administrative, Scientific, Professional, Executive, Clerical, manipulative, industrial and other grades.

Recruitment, training, promotion, conditions of service, Trade Unions and joint consultation.

What civil servants do. Relationship with Parliament, outside organisations and the individual citizen.

Place of the Service in the Constitution and in British society. Changes in recent decades.

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*; F. Dunnill, *The Civil Service*; C. H. Sisson, *The Spirit of British Administration*; T. A. Critchley, *The Civil Service Today*. *Report of Royal Commission on the Civil Service* (1953); *Reports of the Civil Service Commissioners* (Annual). Reference should also be made to the *Imperial Calendar*.

607. Local and Regional Government. Mr. Self. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II—Special subject of Government (ii); for the Diploma in Social Administration (First Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; for Overseas Service Officers; Diploma in Public Administration (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.

608. Public Administration and the Social Services. Mr. Self. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II—Special subject of Government; Diploma in Public Administration; and Diploma in Economic and Social 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*.

609. 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; Reorganisation of the Nationalised Transport Undertakings* (H.M.S.O., Cmd. 1248, 1960); D. V. Verney, *Public Enterprise in Sweden; Railways Reorganisation Scheme* (Cmd. 9191); U.K. National Coal Board, *Report of the Advisory Committee on Organisation* (Fleck Report); W. A. Robson, "A New Deal for the Post Office" (Political Quarterly, April-June 1961); *The Status of the Post Office* (H.M.S.O., 1961); 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; Parliament and Public Ownership*; 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*; S. Encel, "Public Corporations in Australia: Some Recent Developments" (*Public Administration*, Autumn 1960); 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*.

610. 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; Report of the Herbert Commission on Local Government in Greater London; Annual Reports of the New Town Corporations; Report of the Selection Committee on Qualifications of Planners.* Other reports and plans will be discussed during the course.

FOR GRADUATE STUDENTS

- 611. Seminar.** A seminar will be held for graduate students on a subject to be arranged, by Mr. Greaves, in the Michaelmas and Lent Terms.
- 612. Comparative Local Government and Planning (Seminar).** A seminar for graduate students will be held in the Michaelmas Term by Mr. Self.
- 613. Problems of Public Administration (Seminar).** A seminar will be held for graduate students by Professor Robson in the Michaelmas and Lent Terms. Undergraduate students may be admitted to this seminar by special permission of Professor Robson.

(c) Trade Union Studies

620. The Political History of Trade Unions. Mr. Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course, the Diploma in Personnel Management, and for graduate students.

Syllabus.—The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

Recommended reading.—B. C. Roberts, *The Trades Union Congress, 1868-1921*; W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism*; R. Postgate, *The Builders History*; G. D. H. Cole, *Short History of the Working Class; History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party, 1880-1900*; W. H. Crook, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers; Annual Reports of the Trades Union Congress.*

621. Trade Unions in Britain. Mr. Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course and the Diploma in Personnel Management. Also for B.Sc. (Econ.) Part II—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*; G. Cyriax and R. Oakeshott, *The Bargainers*; J. H. Richardson, *Introduction to Industrial Relations*; B. C. Roberts, *Trade Union Government and Administration in Great Britain; Trade Unions in a Free Society.*

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 the Diploma in Personnel Management.

Syllabus.—Some aspects of the development of industrial relations in the U.S.S.R., U.S.A., the British Commonwealth and Europe. The development of trade union organisation, functions and methods of collective bargaining. The rôle of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

Recommended reading.—I. Deutscher, *Soviet Trade Unions*; G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry*; J. R. Commons and others, *History of Labour in the United States*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; H. A. Millis and E. C. Brown, *From the Wagner Act to Taft-Hartley*; A. E. C. Hare, *Report on Industrial Relations in New Zealand*; W. Galenson (Ed.), *Comparative Labor Movements*; International Labour Office, 1950, *Labour-Management Co-operation in France*; H. J. Spiro, *The Politics of German Co-determination*; K. F. Walker, *Industrial Relations in Australia*; *Political Quarterly*, Special numbers, "Trade Union Problems", January 1956, and "Employers and Labour Problems", July 1956; B. C. Roberts, *National Wages Policy in War and Peace*; A. F. Sturmfath, *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 the Diploma in Personnel Management, graduate students, and students attending the Trade Union Studies course.

625. Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar). Mr. Roberts and Mr. J. H. Smith.

For graduate students and oversea students attending non-degree courses.

Reference should also be made to the following section and courses:—

International Relations.

No. 50.—**The Economics of Public Finance.**

No. 53.—**The Economics of the Labour Market.**

No. 250.—**English Constitutional History since 1660.**

No. 377.—**Administrative Law.**

No. 530.—**Problems of European Integration (Seminar).**

No. 665.—**Current Problems in the Middle East and North Africa (Seminar).**

No. 932.—**Elementary Statistical Methods.**

SOCIOLOGICAL STUDIES

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ANTHROPOLOGY

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

(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 I (RR)—Alternative subject of Principles and Methods of Social Anthropology; 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 Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course. First Year students for the Diploma in Social Administration may also attend.

Syllabus.—Scope and methods of social anthropology; theories of culture and society; analysis of social structure and organisation in primitive communities. Occupational and other associations; stratified groups; kinship organisation and terminology; types of family structure; lineage and clan. Marriage and other institutions associated with kinship. Economic organisation; land tenure and property rights. Political organisation. Law and custom. Moral rules; ritual and belief in relation to social structure.

Recommended reading.—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. Introduction to the Study of Family and Kinship. Mrs. Lancaster. Eight 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 I (RR)—Alternative subject of Principles and Methods of Social Anthropology; 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 Diploma in Social Administration (Overseas Option) (First Year). First Year students for the Diploma in Social Administration 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.

642. Selected Texts in Social Anthropology. Dr. Stirling and Dr. Benedict. Eight lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option II (First Year); B.Sc. (Econ.) Part II—Special subject of Social Anthropology. 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 the lectures.

643. Structure and Functions of the Family. Mr. Morris. 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; and for the Academic Postgraduate Diploma in Anthropology.

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*.

644. Advanced Study of Kinship. Dr. Freedman. 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, marriage, and kinship. Current problems of theory.

Recommended reading.—ESSENTIAL: A. R. Radcliffe-Brown, "On Kinship Systems" in *Structure and Function in Primitive Society*; Introduction to A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; J. A. Barnes, "Kinship" in *Encyclopaedia Britannica*, London Printing, 1955.

SUPPLEMENTARY: B. Malinowski, *The Sexual Life of Savages in North-Western Melanesia*; R. W. Firth, *We, The Tikopia*; E. E. Evans-Pritchard, *The Nuer; Kinship and Marriage among the Nuer*; M. Fortes, *The Dynamics of Clanship among the Tallensi; The Web of Kinship among the Tallensi*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; G. P. Murdock, *Social Structure*; F. Eggan (Ed.), *Social Anthropology of North American Tribes*; C. Lévi-Strauss, *Les structures élémentaires de la parenté*; E. R. Leach, *Political Systems of Highland Burma*; M. Fortes, "The Structure of Unilineal Descent Groups" (*American Anthropologist*, Vol. 55, No. 1); M. Fortes, "Descent, Filiation and Affinity" (*Man*, Vol. LIX, November and December 1959); G. P. Murdock (Ed.), *Social Structure in South-east Asia*.

Further reading will be suggested in the course of the lectures.

645. Social Differentiation in Primitive and Peasant Societies.

Professor Schapera. Eight lectures, Lent Term. (This course will not be given in the session 1961-62; it will be given in the session 1962-63.)

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 topics dealt with will include sex and age differentiation; age-sets and age-grades; division of labour, types of specialization, occupational associations; rank and occupation; social classes, caste, slavery and serfdom; secret associations; ethnic groups; and social mobility. Reference will also be made to theories concerning them.

Recommended reading.—R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power*; M. Bloch, *La Société féodale*; O. C. Cox, *Caste, Class and Race*; S. N. Eisenstadt, *From Generation to Generation*; L. T. Hobhouse, *Social Development*; S. Hofstra, *Differenzierungserscheinungen in einigen Afrikanischen Gruppen*; G. Landtmann, *The Origin of the Inequality of the Social Classes*; R. Linton, *The Study of Man*; R. H. Lowie, *Social Organization*; R. M. MacIver and C. H. Page, *Society*; M. Mead, *Man and Woman*; M. Weber, *The Theory of Social and Economic Organization*; H. Webster, *Primitive Secret Societies*.

Further reading, especially ethnographic literature, will be recommended during the course.

646. Government and Politics in Tribal Societies. This course will not be given in the session 1961-62; it will be given in the session 1962-63.

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.

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 misrule 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 Umuor" (*Africa*, 1939).

647. Social Control in Preliterate Societies. Professor Schapera. Eight lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—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.—E. A. Hoebel, *The Law of Primitive Man*; R. M. MacIver and C. H. Page, *Society* (chaps. 7-9); P. G. Vinogradoff, *Commonsense in Law*; C. K. Allen, *Law in the Making* (6th edn.); 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).

648. Outline of Economic Anthropology. Professor Firth. Eight lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—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).

649. Systems of Religion and Magic. This course will not be given in the session 1961-62; it will be given in the session 1962-63.

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.—Definition of religious phenomena. Ritual and symbolism. Theories of offering and sacrifice. Symbolic actions and ideas in magic. Continuity and change in religious systems. Orthodox religions and local cults. Spirit mediumship. Religion and the structure of society.

Recommended reading.—PRIMARY: E. Durkheim, *Elementary Forms of the Religious Life*; A. R. Radcliffe-Brown, *The Andaman Islanders*, Chap. V et seq.; *Structure and Function in Primitive Society*, Chaps. VI, VII and VIII; R. 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, *Witchcraft, Oracles and Magic among the Azande*; *Nuer Religion*; H. M. Gluckman, *Rituals of Rebellion in South-east Africa* (Frazer Lecture, 1952); B. Malinowski, *Magic, Science and Religion*; R. F. Fortune, *Manus Religion*; C. D. Forde (Ed.), *Primitive Worlds*.

SECONDARY: E. B. Tylor, *Primitive Culture*; W. Robertson Smith, *Religion of the Semites*; J. G. Frazer, *The Golden Bough*; A. van Gennep, *Les Rites de Passage*; L. Lévy-Bruhl, *Primitive Mentality*; P. Radin, *Primitive Religion*; R. H. Lowie, *Primitive Religion*; W. W. Howells, *The Heathens*; W. J. Goode, *Religion among the Primitives*; E. O. James, *Social Function of Religion*; R. 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); M. Fortes, *Oedipus and Job*; J. Middleton, *Lugbara Religion*; A. Metraux, *Voodoo in Haiti*; C. Geertz, *Religion of Java*.

650. Anthropology and Social Problems. Twenty-four lectures, Sessional.

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, Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; 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) Rural Development and Land Reform. Dr. Stirling. Six lectures, Lent Term.

Syllabus.—Aims and methods of development programmes including "community development". Relations between governments, agents, leaders and people. Effects on

traditional structure. Resistances and difficulties. Land tenure as an obstacle to development. Social problems of land tenure reform.

Recommended reading.—ESSENTIAL: T. R. Batten, *Communities and their Development*; A. C. Mayer, Articles in *Pacific Affairs*, Vol. XXIX, 1 March, 1956, and Vol. XXX, 1 March, 1957; Colonial Office, *Community Development*, 1958; S. C. Dube, *India's Changing Villages*.

SUPPLEMENTARY: E. H. Spicer (Ed.), *Human Problems in Technological Change*; P. du Sautoy, *Community Development in Ghana*; R. P. Dore, *Land Reform in Japan*; India, Planning Commission, *Evaluation Reports on working of community projects*; United Nations Community Development Evaluation Mission in India 1958-59; A. Granott, *Agrarian Reform and the Record of Israel*, Part II; United Nations, *Progress in Land Reform*, Second Report, 1956.

(c) **General Problems in Applied Anthropology.** Dr. Benedict. Eight lectures, Lent and Summer Terms.

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.

Note.—Students should also refer to Course No. 582.

651. **Psychology and Social Anthropology.** Dr. Benedict and Mr. Price-Williams. Eight lectures, Summer Term.

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. Individual versus structural approach. Culture and cognitive processes. Socialization. Illness and deviance.

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. Honigsmann, *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.), *Cooperation 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*.

Other reading will be suggested in the course of the lectures.

652. **The Development of Social Anthropology.** Twenty-six lectures, Sessional.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

(a) **History of Social Anthropology.** Professor Firth. Ten lectures, Michaelmas Term.

Syllabus.—Early ethnographic basis; systematics in the work of L. H. Morgan; implications of evolutionist and diffusionist theories; European sociological influences; developments in field research—Boas, Rivers, Malinowski. Definition of social anthropology as a discipline; development of functionalist and structuralist approaches; interest in problems of quantification, model construction, and dynamics of society; suggestions for reclassification of the study.

Recommended reading.—T. K. Penniman, *A Hundred Years of Anthropology*; R. H. Lowie, *The History of Ethnological Theory*; E. E. Evans-Pritchard, *Social Anthropology*; A. Goldenweiser, "Leading contributions of Anthropology to Social Theory" in H. E. Barnes and H. Becker (Eds.), *Contemporary Social Theory*; Sol Tax, "From Lafitau 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.** Dr. Freedman. Eight lectures, Lent Term.

Syllabus.—A critical review of theories and methods, aims and achievements, in the work of modern British anthropologists.

Recommended reading.—E. E. Evans-Pritchard, *Social Anthropology*; 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. Freedman. Eight lectures, Summer Term.

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.

653. **The Determinants of Culture: a Survey of Theories.** Mrs. Lancaster. Eight lectures, Lent Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); B.Sc. (Econ.) Part II—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—A survey of some influential theories intended to account for cultural differences. Racism. Environmentalism. Diffusionism. Evolutionism. National character. The present status of some theories of culture change.

Recommended reading.—Reading will be recommended during the course.

654. **Race and Society.** Dr. Freedman. Six lectures, Summer Term.

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-Semite*; O. C. Cox, *Caste, Class and Race*; M. Banton, *White and Coloured*; R. Glass, *Newcomers*; R.A.I. and I.R.R., *Man, Race, and Darwin*.

(b) **Regional.**

655. Social Systems in South East Asia. Professor Firth, Dr. Freedman and Mr. Morris. Twenty 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*; J. Djamour, *Malay Kinship and Marriage in Singapore*; P. D. R. Williams-Hunt, *Introduction to the Malayan Aborigines*; A. J. A. Elliott, *Chinese Spirit-Medium Cults in Singapore*; M. Freedman, *Chinese Family and Marriage in Singapore*.

SARAWAK: E. R. Leach, *Social Science Research in Sarawak*; H. S. Morris, *A Melanau Sago Producing Community*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture; Report on the Iban of Sarawak*; J.-K. T'ien, *The Chinese of Sarawak*.

SOUTH-EASTERN CHINA: M. Freedman, *Lineage Organization in Southeastern China*; D. H. Kulp, *Country Life in South China*; Lin Yueh-Hwa, *The Golden Wing*; Hu Hsien-Chin, *The Common Descent Group in China and its Functions*.

INDONESIA: B. ter Haar, *Adat Law in Indonesia*; H. Subandrio, *Javanese Peasant Life*; L. H. Palmier, *Power and Status in Java*; C. Geertz, *The Religion of Java*; R. M. Koentjaraningrat, *A Preliminary Description of the Javanese Kinship System*; D. Wilmott, *The Chinese of Samarang*.

BURMA: H. N. C. Stevenson, *The Economics of the Central Chin Tribes*; E. R. Leach, *Political Systems of Highland Burma*.

THAILAND: J. E. De Young, *Village Life in Modern Thailand*; T. M. Fraser, Jr., *Rusembilan: A Malay Fishing Village in Southern Thailand*; H. K. Kaufman, *Bangkhuad, A Community Study of Thailand*.

PHILIPPINES: R. F. Barton, *The Kalingas; Ifugao Law; Philippine Pagans; Ifugao Economics*; F. M. and M. Keesing, *Taming Philippine Headhunters*.

ANDAMANS: A. R. Radcliffe-Brown, *The Andaman Islanders*.

SECONDARY: F.-C. Cole, *The Peoples of Malaysia*; C. Robequain, *Le monde malais* (or English translation); V. W. W. S. Purcell, *Chinese in South-East Asia*; R. O. Winstedt, *The Malays, A Cultural History; The Malay Magician*; W. W. Skeat and C. O. Blagden, *Pagan Races of the Malay Peninsula*; T. E. Smith, *Population Growth in Malaya*; B. H. M. Vlekke, *Nusantara*; F. M. Loeb, *Sumatra*; M. Mead and G. Bateson, *Balinese Character*; J. S. Furnivall, *Netherlands India*; W. F. Wertheim, *Indonesian Society in Transition*; C. Du Bois, *The People of Alor*; G. W. Skinner, *Chinese Society in Thailand; Leadership and Power in the Chinese Community of Thailand*; C. K. Yang, *A Chinese Village in Early Communist Transition*; J. Amyot, *The Chinese Community of Manila*; J. Cuisinier, *Sumangat*; G. P. Murdock, *Social Structure in Southeast Asia*.

656. Ethnography of Central Africa. Professor Schapera. Eight lectures, Summer Term.

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.—Main ethnic groupings, and traditional systems of social, economic, and political organisation of the indigenous peoples of the region, with some reference to changes produced by European colonization.

Recommended reading.—E. Colson and M. Gluckman (Eds.), *Seven Tribes of British Central Africa*; J. A. Barnes, *Politics in a Changing Society*; E. Colson, *Marriage and the Family among the Plateau Tonga; The Social Organization of the Gwembe Tonga*; I. Cunnison, *The Luapula Peoples of Northern Rhodesia*; M. Gluckman, *The Judicial Process among the Barotse*; J. F. Holleman, *Shona Customary Law*; J. C. Mitchell, *The Yao Village*; A. R. Radcliffe-Brown and D. Forde (Eds.), *African Systems of Kinship and Marriage*; M. Read, *The Ngoni of Nyasaland*; A. I. Richards, *Land, Labour and Diet in Northern Rhodesia*; V. W. Turner, *Schism and Continuity in an African Society*; W. Watson, *Tribal Cohesion in a Money Economy*; International African Institute, *Ethnographic Survey of Africa: West Central Africa, Parts I-IV, Southern Africa, Part IV; The Rhodes-Livingstone Papers* (all relevant numbers); *The Rhodes-Livingstone Journal*.

Further reading will be recommended during the course.

657. Ethnography of East Africa: Bantu Peoples. 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 Bantu peoples in Kenya, Uganda and Tanganyika.

Recommended reading.—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*; 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*; J. H. M. Beattie, *The Kingdom of Bunyoro*; M. Wilson, *Good Company*; J. Maquet, *The Premise of Inequality*.

658. Ethnography of South Africa. This course will not be given in the session 1961-62; it will be given in the session 1962-63.

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; students taking Social Anthropology as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal primarily with the social structure and social organisation of Polynesian peoples, including changes due to their adaptation to Western civilisation.

Recommended reading.—F. M. Keesing, *South Seas in the Modern World*; *Modern Samoa*; H. I. Hogbin, *Law and Order in Polynesia*; M. Mead, *Coming of Age in Samoa*; *Social Organization of Manu'a*; E. W. Gifford, *Tongan Society*; E. Beaglehole, *Pangai, Village in Tonga*; E. and P. Beaglehole, *Ethnology of Pukapuka*; R. 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. Social Anthropology (Classes).

(a) Classes will be held throughout the session for students taking the B.A. Honours in Anthropology, the B.A./B.Sc. (Sociology), Option II, the B.Sc. (Econ.) Part I (RR), Alternative subject of Principles and Methods of Social Anthropology, the B.Sc. (Econ.), Part II, Special subject Social Anthropology, and Academic Postgraduate Diploma in Anthropology.

(b) Regional classes may also be given, and special classes will be given for graduate students where required.

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 Comparative Social Institutions (Western, Oriental and Primitive). A seminar will be held throughout the session by Professor Schapera, Dr. Freedman, Mr. Dore and Mr. MacRae for graduate students of Social Anthropology and Sociology.

663. Seminar on Current Afro-Asian Anthropological Studies. A seminar will be held by Professor Firth, Professor Schapera and other members of the Department fortnightly during the Michaelmas and Lent Terms.

664. Seminar on Field Methods. A seminar for graduate students will be held by members of the Department in the Summer Term.

665. Current Problems in the Middle East and North Africa (Seminar). A joint seminar with the School of Oriental and African Studies for members of the staff and graduate students will be held weekly by Dr. Stirling, Dr. Penrose, Mr. Kedourie and Mr. Watt in the Lent and Summer Terms.

666. Social Problems of Land Reform (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.

667. 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.

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

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

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*; P.E.P., *World Population and Resources*.

METHODS: R. R. Kuczynski, *Measurement of Population Growth*; D. V. Glass, *Population Policies and Movements in Europe* (Appendix); H. M. Woods and W. T. Russell, *Introduction to Medical Statistics*; L. I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life*; A. B. Hill, *Principles of Medical Statistics*; M. Spiegelman, *Introduction to Demography*; U.K. Royal Commission on Population, *Selected Papers of the Statistics Committee*; J. J. Spengler and O. D. Duncan (Eds.), *Demographic Analysis: Selected Readings*; A. J. Jaffe, *Handbook of Statistical Methods for Demographers* (1951, U.S.A. Government Publications); G. W. Barclay, *Techniques of Population Analysis*.

SOURCES: *The General Reports of the various Censuses of England and Wales*; *The Registrar General's Statistical Review of England and Wales*; J. Koren (Ed.), *History of Statistics*; H. L. Westergaard, *Contributions to the History of Statistics*; United Nations, *Demographic Yearbook*; United Kingdom, Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources, No. 2, Census Reports of Great Britain, 1801-1931*; P. R. Cox, *Demography*.

References to articles and works of specialised interest will be given in the lectures.

681. Mathematics of Population Growth. Mr. Carrier. 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*; Appendix to P. H. Landis, *Population Problems* (2nd edn., prepared by P. K. Hatt); General Register Office, *Matters of Life and Death*; *Census of England and Wales, 1951, General Report*; *Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes).

Further references will be given in the lectures.

683. Population Trends and Policies. Professor Glass. Eight lectures, 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. 682, Elements of Demographic Analysis.) United Nations (Population Division), *The Determinants and Consequences of Population Trends*; D. Kirk, *Europe's Population in the Inter-war Years*; J. J. Spengler, *France Faces Depopulation*; D. V. Glass, *Population Policies and Movements in Europe*; D. V. Glass and E. Grebenik, *The Trend and Pattern of Fertility in Great Britain: A Report on the Family Census of 1946*; W. Moore, *Economic Demography of Eastern and Southern Europe*; F. Lorimer, *The Population of the Soviet Union*; F. W. Notestein and others, *The Future Population of Europe and the Soviet Union*; K. Davis, *The Population of India and Pakistan*; A. J. Coale and E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries*; W. S. Thompson, *Population and Peace in the Pacific*; C. and I. B. Taeuber, *The Changing Population of the United States*; W. D. Borrie, *Population Trends and Policies*; Milbank Memorial Fund, *Demographic Studies of Selected Areas of Rapid Growth*; R. Ishii, *Population Pressure and Economic Life in Japan*; I. B. Taeuber, *The Population of Japan*; Ta Chen, *Population in Modern China*; J. Isaac, *The Economics of Migration*; M. L. Hansen, *The Atlantic Migration*; M. R. Davie, *World Immigration*; W. D. Forsyth, *The Myth of Open Spaces*; G. Plant, *Oversea Settlement*; Milbank Memorial Fund, *Postwar Problems of Migration*; A. Myrdal, *Nation and Family*; E. Lewis-Faning, *Family Limitation* (Royal Commission on Population Papers, Vol. I); P. K. Whelpton, C. V. Kiser and others, "Social and Psychological factors affecting fertility" (*Milbank Memorial Fund Quarterly*, 1942 et seq.) (in progress); Milbank Memorial Fund, *Modernization Programs in Relation to Human Resources and Population Problems*; M. Reinhard, *Histoire de la population mondiale*; *American Academy of Political and Social Science, Annals*, Vol. 237, "World Population in Transition"; K. Smith, *The Malthusian Controversy*; D. V. Glass (Ed.), *Introduction to Malthus*.

684. Demography (Class). Ten classes of two hours each will be held by Mr. Carrier in the Lent Term for students taking 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

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

700. Introduction to Psychology. Mr. Price-Williams. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Historical background, concepts and methods of general psychology. The influence of heredity and environment. Developmental stages and individual differences. Basic psychological processes of motivation, cognition and emotion. Effects of the social environment on these processes. Social aspects of personality and socialisation.

Recommended reading.—BASIC READING: K. Davis, *Human Society*; H. H. Gerth and C. W. Mills, *Character and Social Structure*; R. Stagner and T. F. Karwoski, *Psychology*; or N. L. Munn, *Psychology: The Fundamentals of Human Adjustment*; R. H. Thouless, *General and Social Psychology*; A. W. P. Wolters, *The Evidence of Our Senses*; O. L. Zangwill, *An Introduction to Modern Psychology*; R. Fletcher, *Instinct in Man*; D. R. Price-Williams, *Introductory Psychology, An Approach for Social Workers*.

Selections from the following Pelican books are recommended: J. Cohen, *Chance, Skill and Luck*; J. Wynn Reeves, *Body and Mind in Western Thought*; W. Sluckin, *Minds and Machines*; R. Thomson, *The Psychology of Thinking*; H. J. Eysenck, *Uses and Abuses of Psychology*; *Sense and Nonsense in Psychology*; W. Kohler, *The Mentality of Apes*; I. M. L. Hunter, *Memory: Facts and Fallacies*.

701. Depth Psychology and Psycho-Pathology. Mr. Price-Williams. Ten lectures, Lent Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—History and Methodology of Psycho-Analysis. Theory and Practice of Freudian, Analytic and Neo-Freudian viewpoints; their bearing on the assessment and measurement of personality.

The field of psycho-pathology. Classification and symptomology of mental illness. Theories of causation of mental illness. Types of treatment. Culture and neurosis.

Recommended reading.—BASIC READING: S. Freud, *Introductory Lectures on Psycho-Analysis*; *Psycho-pathology of Everyday Life*; *The Interpretation of Dreams*; *The Ego and the Id*; C. M. Thompson, *Psycho-Analysis: Evolution and Development*; L. G. Lowrey, *Psychiatry for Social Workers*; J. M. Hunt (Ed.), *Personality and the Behaviour Disorders* (selected chapters); C. S. Hall and G. Lindzey, *Theories of Personality*; A. D. B. Clarke and A. M. Clarke, *Mental Deficiency: The Changing Outlook*; A. B. Hollingshead and F. C. Redlich, *Social Class and Mental Illness*; M. Klein and others, *New Directions in Psycho-Analysis*; R. L. Munroe, *Schools of Psycho-Analytic Thought*; M. K. Opler (Ed.), *Culture and Mental Health: Cross-Cultural Studies*; J. W. Eaton and R. J. Weil, *Culture and Mental Disorders: A Comparative Study of the Hutterites and Other Populations*.

Selections from the following Pelican books are recommended: H. Yellowless, *To Define True Madness*; D. Stafford-Clark, *Psychiatry To-Day*; F. Fordham, *An Introduction to Jung's Psychology*; I. D. Suttie, *The Origins of Love and Hate*; L. Way, *Alfred Adler: His Psychology*; J. Bowlby, *Child Care and the Growth of Love*.

702. General Course in Psychology. Mr. Hotopf. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR)—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. Rôle 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*.

703. Intelligence and Personality. Dr. Himmelweit and Dr. Oppenheim. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part I (RR)—Alternative subject of Psychology; B.A./B.Sc. (Sociology) (First Year); Diploma in Personnel Management.

(a) Intelligence. Dr. Oppenheim. Five 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.

Recommended reading.—A. Anastasi and J. P. Foley, *Differential Psychology* (revised edn.); H. J. Eysenck, *Uses and Abuses of Psychology*; A. Barnett, *The Human Species* (Pelican); R. Knight, *Intelligence and Intelligence Tests*; L. M. Terman and M. A. Merrill, *Measuring Intelligence*; D. Wechsler, *The Measurement of Adult Intelligence*; A. D. B. and A. M. Clarke, *Mental Deficiency: the changing outlook*; P. E. Vernon, *The Structure of Human Abilities*.

(b) Theories and Assessment of Personality. Dr. Himmelweit. Five lectures.

Syllabus.—Sphere of personality: temperament, character, cognitive abilities.

Freudian and other theories of personality.

Relation of personality to social background.

Theoretical assumptions behind the measurement of personality. 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*.

704. 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; Diploma in Personnel Management.

Syllabus.—Some general problems involved in the use of measuring instruments in social research. Theoretical assumptions behind the measurement of opinions and attitudes—techniques for the construction of attitude scales—indirect methods for measuring attitudes. Problems of interviewing; the use of projective techniques in social research; observational and sociometric techniques in the study of small groups; experimental studies of groups; prediction studies; deviant case analysis.

Recommended reading.—M. Jahoda and others, *Research Methods in Social Relations*; L. Festinger and D. Katz, *Research Methods in the Behavioral Sciences*; H. H. Hyman, *Survey Design and Analysis*; H. H. Hyman and others, *Interviewing in Social Research*; G. Lindzey, *Handbook of Social Psychology* (selected chaps.); S. le Baron Payne, *The Art of Asking Questions*; C. A. Moser, *Survey Methods in Social Investigation*.

705. 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); for the Diploma in Personnel Management; and for the Academic Diploma in Psychology.

Syllabus.—The place of social psychology in the social sciences; theories and concepts in social psychology. Social motivation; social determinants of perception; perception of people.

The process of judgment formation.

Socialization: theories of social learning and reference group behaviour. Interpersonal relations in the family, peer group, in school and at work. The concepts of rôle and status.

Formation of attitudes and values: stereotypes; prejudice; the development of a self concept. Political attitudes.

Factors involved in attitude change: laboratory and field studies. The rôle of education, propaganda, the mass media. Advertising research.

The individual and the group; multiple group membership. The functioning of groups: experimental and field studies. Specific types of groups: work groups, therapeutic communities, etc.

Selected topics in social psychology: communication research; the psychology of social class membership, national character; leadership; industrial relations.

Recommended reading.—GENERAL TEXT-BOOKS: T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three editions); T. M. Newcomb, *Social Psychology*; G. Lindzey, *Handbook of Social Psychology* (selected chapters); S. E. Asch, *Social Psychology*; D. Krech and R. S. Crutchfield, *Theory and Problems of Social Psychology*; D. Harding, *Social Psychology and Individual Values*; M. and C. Sherif, *An Outline of Social Psychology* (revised edn.).

OTHER BOOKS: E. Tolman, *Behaviour and Psychological Man*; M. Ginsberg, *Social Psychology*; R. Taguiri and L. Petrullo, *Person Perception and Interpersonal Behaviour*; S. Freud, *Civilisation and its discontents*; *Group Psychology and the analysis of the ego*; R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research*; R. J. Havighurst and A. Davis, *Father of the Man*; D. R. Miller and G. Swanson, *The Changing American Parent*; T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality*; G. W. Allport, *The Nature of Prejudice*; W. Brewster Smith, J. Bruner and R. White, *Opinions and Personality*; C. I. Hovland and others, *Communication and Persuasion*; D. Cartwright and A. Zander (Eds.), *Group dynamics: Research and Theory*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; R. Centers, *The Psychology of Social Classes*; B. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; W. Schramm, *The Process and*

Effects of Mass Communication; J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society*; D. V. Glass (Ed.), *Social Mobility in Britain*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*.

706. Social Psychology. Mr. Price-Williams. Ten lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Scope and history of social psychology. Relationship to sociology and to individual psychology.

The methodology of social psychology. Methods of extracting information; interviews; questionnaires; attitude scales and measurement; specialised observational techniques.

Contemporary theoretical frameworks of social psychology; stimulus-response theories; cognitive theory; relational approaches and field concepts; psycho-analytic orientations; role theory.

Selected topics in social psychology: beliefs and attitudes; interpersonal communication; mass media; prejudice; group behaviour and interaction; leadership; culture and behaviour.

Recommended reading.—G. E. Swanson, T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (Rev. edn., 1952); W. J. H. Sprott, *Social Psychology*; *Human Groups* (Pelican); M. Sherif, *An Outline of Social Psychology*; T. M. Newcomb, *Social Psychology*; G. W. Allport, *The Nature of Prejudice*; S. Freud, *Civilisation and its Discontents*; *Group Psychology and the Analysis of the Ego*; C. I. Hovland and others, *Communication and Persuasion*; S. L. Payne, *The Art of Asking Questions*; J. M. Blackburn, *Psychology and the Social Pattern*; H. T. Himmelweit and others, *Television and the Child*; M. Ginsberg, *Psychology of Society*; *On the Diversity of Morals* (selected essays); G. Lindzey (Ed.), *Handbook of Social Psychology* (selected chapters).

707. Industrial Psychology. Mr. Holmes. Ten lectures and classes, Lent Term.

For Diploma in Operational Research.

Syllabus.—Individual maturation and adjustment. Operator and supervisory training. Attitude measurement. Personnel counselling.

The psychology of incentives, leadership, communication. Morale and its breakdown: co-operative and competitive situations, resistance to change.

Job analysis. Selection procedures. Job evaluation.

Recommended reading.—M. S. Vitelles, *Motivation and Morale in Industry*; N. R. F. Maier, *Psychology in Industry*; H. Croome, *Human Problems of Innovation*; J. Woodward, *Management and Technology*.

Further reading will be recommended during the course of the lectures.

708. Psychology Classes. Weekly classes will be held in the Michaelmas and Lent Terms for students offering Psychology as an Alternative subject for B.Sc. (Econ.) Part I (RR).

709. Psychology Classes. Fortnightly classes will be held during the Summer Term for B.A./B.Sc. (Sociology) (Second Year) students.

- 710. 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).
- 711. 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

- 712. Psychology Seminar.** Dr. Himmelweit. A fortnightly seminar for graduate students will be held throughout the session.
- 713. Theories and Methods Seminar in Social Psychology.** Dr. Oppenheim. Weekly seminar for graduate students throughout the session. The seminar will deal mainly with problems of research methods and principles.

- 714. 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 rumour, propaganda and attitude change. Advertising. 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.

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

- 715. 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.

- 716. 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. Two lectures, Michaelmas Term, eight lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—Concepts of social need and social service. The growth and division of collective action from the poor law to "The Welfare State". The causes of need and its changing nature in relation to the family. The effects of industrialisation, the division of labour and technological change. Philosophic and economic views on social policy. Social philanthropy, mutual aid and public responsibility.

The social functions of the social services. An analysis of developments in the main branches of the services since the end of the 19th century. The problems of poverty, sickness and old age; the break-up of the poor law. The influence of war, the emancipation of women and other factors on social attitudes to reform. The development of law as an instrument of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. Problems of redistributive justice and ethical issues in social policy.

Recommended reading.—M. P. Hall, *The Social Services of Modern England*; K. de Schweinitz, *England's Road to Social Security*; T. S. Simey, *Principles of Social Administration*; R. M. Titmuss, *Problems of Social Policy; Essays on "The Welfare State"*; G. and M. Wilson, *The Analysis of Social Change*; L. T. Hobhouse, *Social Development*; E. Durkheim, *The Division of Labour in Society*; B. Webb, *My Apprenticeship; Diaries*; W. G. Friedmann, *Law and Social Change in Contemporary Britain*; D. V. Glass (Ed.), *Introduction to Malthus*; B. de Jouvenel, *The Ethics of Redistribution*; H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare*; E. W. Bakke, *Citizens without Work*; G. A. N. Lowndes, *The Silent Social Revolution*; S. and B. Webb, *English Poor Law Policy; Social Insurance and Allied Services* (Beveridge Report) (Cmd. 6404, B.P.P., 1942-43, Vol. II); A. M. Carr-Saunders, D. Caradog Jones and C. A. Moser, *A Survey of Social Conditions in England and Wales*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

- 721. The Sociology of Medical Care.** Professor Titmuss. Four lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (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. Eighteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

(a) Development of Social Administration. Professor Donnison. Eight lectures, Michaelmas 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*; K. Jones, *Mental Health and Social Policy, 1845-1959*; 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); D. Roberts, *Victorian Origins of the British Welfare State*; 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. Ten 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-six lectures, Sessional (beginning in the fifth week of the Michaelmas Term).

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

(a) Education. Miss Kydd. Two lectures.

Syllabus.—Selected current issues in educational administration.

Recommended reading.—P. E. Vernon (Ed.), *Secondary School Selection*; J. E. Floud, et al., *Social Class and Educational Opportunity*; Association of Education Committees, *Threat to Education*; U.K. Ministry of Education, 1956, *Technical Education* (Cmd. 9703); United Kingdom, Central Advisory Council for Education (England), *Report on Early Leaving*; United Kingdom, *Scientific and Engineering Manpower in Great Britain*; *Annual Report of the Advisory Council on Scientific Policy, 1956-57* (Cmd. 278); J. Vaizey, *The Costs of Education*; U.K. Ministry of Education, 1958, *Secondary Education for All* (Cmd. 604); R. H. Chetwynd, *Comprehensive School*.

(b) 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.

(c) The Sociology of Medical Care. Professor Titmuss. Four lectures.

(For detailed syllabus see course No. 721.)

(d) 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*; K. M. Slack, "Councils, Committees and Concern for the Old" (*Occasional Papers on Social Administration*, No. 2).

(e) 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*; *Houses—The Next Step* (H.M.S.O., Cmnd. 8996, 1953); J. B. Cullingworth, *Housing Needs and Planning Policy*; D. V. Donnison, *Housing Policy since the War*.

Other suggestions for reading will be made by the lecturer.

(f) Mental Health. Mrs. McDougall. Two lectures.

Syllabus.—A consideration of the social services concerned with mental health. Trends in relation to hospital and community care of the mentally ill and the subnormal. The child guidance service.

Recommended reading.—*Report of the Royal Commission on the Law Relating to Mental Illness and Mental Deficiency* (Cmd. 169, 1957); *Report of the Committee on Mal-adjusted Children* (Underwood Report), 1955; A. M. and A. D. B. Clarke, *Mental Deficiency*; K. Jones, *Mental Health and Social Policy, 1845-1959*.

(g) 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, Cmnd. 929, 1960); G. W. Jordan and E. M. Fisher, *Self-Portrait of Youth*; J. Macalister Brew, *Youth and Youth Groups*; UNESCO, *New Trends in Youth Organizations* (Educational Studies and Documents, No. 35).

(h) Current Research. Four lectures. Members of the Department.

(i) Aspects of the Penal System. Mr. Forder.

(j) Current Problems of Employment. Miss Seear. Three lectures.

(k) Additional topics to be determined.

724. An introduction to the Financial Problems of the Social Services. Dr. Abel-Smith. Eight lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

Syllabus.—The tax system and its social implications, the rationale of the National Insurance Fund, historical trends in the costs of social services, the effects of population change, the use made of social services by different income groups, and the problems of allocating money to different social services.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

725. Development and Social Administration. Mrs. Judd and Mr. Hodge. Twenty-four lectures, Sessional.

For the Diploma in Social Administration (First Year) (Overseas Option), and for Overseas Service Officers.

(a) Social Needs and the Administrative Framework. Mrs. Judd. Nine lectures, Michaelmas Term.

Syllabus.—Labour policy in developing countries; health and housing; organisation of local government; mutual aid; education.

Recommended reading.—R. K. Gardiner and H. O. Judd, *The Development of Social Administration* (2nd edn.); U.N. ST/TRI/SER. A/10, *Special Study on Social Conditions in Non-Self-Governing Territories*; and E/CN. 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 and India.

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*; S. C. Dube, *India's Changing Villages*; M. G. Ross, *Community Organization: Theory and Principles*; *Case Histories in Community Organization*; A. Hillman, *Community Organisation and Planning*; P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain*; *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 students taking the Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course, and for Overseas Service Officers.

727. Some Social Problems of Employment. This course will not be given in the session 1961-62.

For Diploma in Social Administration (First Year) and Diploma in Personnel Management.

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 Diploma in Social Administration (First Year) and One-Year Course and First-Year 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 Diploma in Social Administration (First Year) and One-Year Course; and for the Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

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. 42.—**Recent Economic Developments.**
 No. 53.—**The Economics of the Labour Market.**
 No. 102.—**Problems of Applied Economics in Underdeveloped Countries (Overseas option).**
 No. 261.—**Introduction to Modern English Economic History.**
 No. 379.—**Law of Labour and of Social Insurance.**
 No. 607.—**Local and Regional Government.**
 No. 640.—**Introduction to Social Anthropology (Overseas option).**
 No. 650.—**Anthropology and Social Problems (Overseas option).**
 No. 700.—**Introduction to Psychology.**
 No. 701.—**Depth Psychology and Psycho-Pathology.**
 No. 706.—**Social Psychology.**
 No. 751.—**Industrial Psychology.**
 No. 773.—**Child Development.**
 No. 836.—**Elements of Social Structure I.**
 No. 839.—**Comparative Social Institutions.**
 No. 846.—**The Social Structure of Modern Britain.**
 No. 855.—**Social Philosophy.**
 No. 939.—**Survey Methods in Social Investigation.**

Diploma in Personnel Management

750. Principles and Practice of Personnel Management. A series of lectures and classes will be held by Miss Seear, Mr. Thurley and others throughout the session.

For the Diploma in Personnel Management.

Syllabus.—These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organisations. The main aspects of personnel policy are discussed and the developing practices of different organisations are studied. The topics include: Recruitment and selection. Training and Education. Promotion. The working environment and relationships within the organisation. Incentives and the principles and methods of remuneration. Problems of communication and consultation.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

751. Industrial Psychology. Mr. Holmes. Twenty lectures, Michaelmas and Lent Terms.

For the Diploma in Personnel Management.

Syllabus.—Measurement in Industry: the structure of human abilities, job analysis, selection and training techniques. Job evaluation. Attitude measurement.

Motivation in Industry: incentives, leadership, morale, communication, psychological aspects of labour unrest.

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; J. A. C. Brown, *The Social Psychology of Industry*; W. Brown, *Exploration in Management*; H. Croome, *Human Problems of Innovation*; H. J. Eysenck, *Uses and Abuses of Psychology*; J. Woodward, *Management and Technology*; 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. Holmes.

753. The Social Organisation of Industry. Mr. J. H. Smith. Ten lectures, Lent Term.

For the Diploma in Personnel Management; for B.A./B.Sc. (Sociology) (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. Nyman, *Technology and Labour*; R. A. Brady, *Business as a System of Power*; E. G. Mayo, *The Social Problems of an Industrial Civilisation*; E. Jaques, *The Changing Culture of a Factory*; W. E. Moore, *Industrial Relations and the Social Order*; A. W. Kornhauser and others (Eds.), *Industrial Conflict*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; V. L. Allen, *Power in Trade Unions*; B. Wootton, *The Social Foundations of Wage Policy*; G. C. Homans, *The Human Group*; G. Friedmann, *Industrial Society*; W. H. Scott and others, *Technical Change and Industrial Relations*; E. V. Schneider, *Industrial Sociology*; R. Bendix, *Work and Authority in Industry*; W. H. Whyte, *The Organisation Man*; H. A. Landsberger, *Hawthorne Revisited*; T. Burns and G. M. Stalker, *The Management of Innovation*; J. H. Smith, *The University Teaching of Social Sciences—Industrial Sociology*.

754. Recent Research in Industrial Sociology. Mr. Thurley. Four lectures, Summer Term.

For the Diploma in Personnel Management.

Syllabus.—A discussion of some recent studies in the field of industrial sociology following the lines of investigation already examined in Course No. 753.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

755. Methods of Social Research in Industry (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 Diploma in Personnel Management.

Reference should also be made to the following courses:—

- No. 8.—**Introduction to Economics.**
 No. 40.—**The Structure of Modern Industry.**
 No. 42.—**Recent Economic Developments.**
 No. 53.—**The Economics of the Labour Market.**
 No. 125.—**Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.**

- No. 132.—**Economics for Engineers and Applied Scientists: (c) Business Organisation and Finance.**
- No. 261.—**Introduction to Modern English Economic History.**
- No. 265.—**Industrial History.**
- No. 379.—**Law of Labour and of Social Insurance.**
- No. 541.—**Political and Social Theory.**
- No. 620.—**The Political History of Trade Unions.**
- No. 621.—**Trade Unions in Britain.**
- No. 622.—**Comparative Industrial Relations.**
- No. 624.—**Industrial Relations (Seminar).**
- No. 625.—**Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).**
- No. 700.—**Introduction to Psychology.**
- No. 701.—**Depth Psychology and Psycho-Pathology.**
- No. 703.—**Intelligence and Personality.**
- No. 704.—**Research Methods in Social Psychology.**
- No. 705.—**General Course in Social Psychology.**
- No. 706.—**Social Psychology.**
- No. 846.—**The Social Structure of Modern Britain.**
- No. 932.—**Elementary Statistical Methods.**
- No. 938.—**The Nature and Sources of Social Statistics.**

Course for Social Workers in Mental Health

- 770. The Mental Health Services.** Mrs. McDougall. Ten lectures, Michaelmas Term.

Syllabus.—The aim of these lectures is to give an idea of the growth of the mental health services, supplying a background and a perspective against which the present services, statutory and voluntary, can be seen. The course includes an outline account of the development of attitudes and philosophies, as they have a bearing on legislation and methods of treatment: the development of child guidance clinics and their present organisation will be covered, and the law and administration as it affects the mentally ill, the mentally subnormal, and educationally subnormal child.

Recommended reading.—D. H. Tuke, *Chapters in the History of the Insane in the British Isles*; G. Zilboorg and G. W. Henry, *A History of Medical Psychology*; K. Jones, *Lunacy, Law and Conscience*; 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.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (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, *Mental Health and Education*; D. W. Winnicott, *The Child and the Family*; R. J. Havighurst, *Human Development and Education*; A. L. Gesell and others, *Youth: the years from ten to sixteen*; J. Stone and J. Church, *Childhood and Adolescence*; 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.—Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case.

Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique.

Etiology of psycho-neurosis, antisocial tendency, and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

775. 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. The Study of Personality. Mr. Price-Williams. Ten lectures, Summer Term.

Syllabus.—An examination of the cognitive and orectic aspects of personality:

(a) INTELLIGENCE: Its nature and measurement. Discussion of different intelligence tests. Growth and decline of intelligence. Tests of deterioration. Intelligence and heredity.

(b) PERSONALITY. Concepts of personality. Its measurement in the clinical situation by means of interviews, questionnaires, objective and projective personality tests.

Recommended reading.—A bibliography will be given at the beginning of the course.

779. Social Casework. Weekly seminars will be held throughout the session by Mrs. McDougall, Miss Elkan, Mr. Wright and Mr. Myers.

780. 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, Summer Term.

Syllabus.—The family in relation to infants and children at various stages of their development. A survey of the emotional development of the child in health, and the various distortions in emotional development that result in psychiatric disorder. The clinical picture in health and in ill-health illustrated by case descriptions. Evaluation of the environmental factor. Special problems of adolescence. The family's relationship with society. The concept of health as emotional maturity at age.

804. 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. Professor Donnison, Miss Bell and Mrs. McDougall. Sixteen lectures and seminars, Michaelmas, Lent and Summer Terms.

Syllabus.—The relation between social policy and administrative structure and processes. 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*; H. Stein (Ed.), *Public Administration and Policy Development*; H. A. Simon, *Administrative Behaviour*; K. C. Wheare, *Government by Committee*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; A. H. Birch, *Small Town Politics*.

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, in dealing with children and young persons, in domestic proceedings, and in the making of affiliation orders. Reference is made to the Statutes and statutory instruments from which the powers of Courts are derived, and in particular to the relevant parts of the—

Criminal Justice Act, 1948, as amended;
 Children Acts, 1948 and 1958;
 Children and Young Persons Acts, 1933 to 1956;
 Education Act, 1944, as amended;
 Magistrates' Courts Act, 1952, as amended;
 Adoption Acts, 1958 and 1960;
 Matrimonial Proceedings (Children) Act, 1958;
 Mental Health Act, 1959;
 Matrimonial Proceedings (Magistrates' Courts) Act, 1960;

and other statutes dealing with domestic proceedings and the making of affiliation orders.

During the course students are given an opportunity to stage "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.) and the *Report of the (Ingleby) Committee on Children and Young Persons* (Cmnd. 1191) October 1960, should be read before attending the course.

FURTHER READING.—R. M. Jackson, *The Machinery of Justice in England* (3rd 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 and Young Persons* (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*; H. Jones, *Crime and the Penal System*; United Nations, *Probation and Related Measures*.

GOVERNMENT PUBLICATIONS: Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191).

FOR REFERENCE: W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

Supervisors to the Course in Applied Social Studies

Miss 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

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

830. The Theories and Methods of Sociology. Mr. Bottomore. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II—Special subject of Sociology; 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. **Social Philosophy (Seminar).** A seminar for graduate students will be held by Professor Ginsberg in the Michaelmas Term.

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*; N. Cohn, *Pursuit of the Millennium*; H. Desroche, *Marxisme et religion*; C. Y. Glock, "The Sociology of Religion" in R. K. Merton and others (Eds.), *Sociology Today*; D. Goldschmidt and others, *Soziologie der Kirchengemeinde*; G. Le Bras, "Sociologie des Religions" in G. Gurvitch (Ed.), *Traité de Sociologie*; P. M. Worsley, *The Trumpet Shall Sound*. (See also the journals *Archives de Sociologie des Religions* and *Social Compass*.)

834. Social Stratification. Mr. Bottomore. Six lectures, Michaelmas 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, Lent 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. Elements of Social Structure I. Dr. Little (day), Dr. T. P. Morris (evening). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR) Alternative subject 6; B.A./B.Sc. (Sociology) (First Year); Diploma in Personnel Management; Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

Syllabus.—The Nature of Sociological Analysis. Types of Social Structures: Simple and Complex Structures. Social Change: the process of industrialisation. The impact of industrialisation on Social Structure: urbanisation: stratification: political, religious and familial institutions: problems of social control. Bureaucracy and large organisations. Stability and Conflict in Society.

Recommended reading.—United Nations, *Report on the World Social Situation*; H. Gerth and C. W. Mills, *Character and Social Structure*; R. Redfield, *The Little Community*; K. Davis, *Human Society*; W. E. Moore, *Industrial Relations and the Social Order*; R. M. Williams, *American Society: A Sociological Interpretation*; F. Lorimer, *Culture and Human Fertility*; J. M. Yinger, *Religion, Society and the Individual*; R. Bendix and S. M. Lipset, *Class, Status, Power; Social Mobility in Industrial Society*; G. Simpson, *Man in Society*; E. Chinoy, *Sociological Perspectives*; K. B. Mayer, *Class and Society*; W. E. Moore, *Economy and Society*; S. A. Greer, *Social Organisation*; P. M. Blau, *Bureaucracy in Modern Society*; G. M. Sykes, *Crime and Society*; D. Wrong, *Population*; E. K. Nottingham, *Religion and Society*; M. S. Olmsted, *The Small Group*; C. R. Wright, *Mass Communication*.

836(A). Elements of Social Structure I (Classes). Classes will be held in the Michaelmas and Lent Terms for students taking B.Sc. (Econ.) Part I (RR).

837. Elements of Social Structure Classes. Fortnightly classes will be held throughout the session for B.Sc. (Econ.) Part I (Second Year) (OR) students, taking the Alternative subject Elements of Social Structure.

838. 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*; W. W. Rostow, *The Stages of Economic Growth*; B. Hoselitz, *Economic Theories of Growth*; 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*.

839. Comparative Social Institutions. Mr. S. J. Gould (day), Dr. Clifford-Vaughan and Mr. Westergaard (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 (Second Year) (OR). For Diploma in Social Administration (First Year), and for Diploma in Social Administration (Overseas Option) (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. Hout, *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.

840. 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*; H. Hyman, *Political Socialization*; R. Bendix and S. Lipset, "Political Sociology" (*Current Sociology*, Vol. VI, No. 2, 1957); R. Michels, *Political Parties*; S. Neumann (Ed.), *Modern Political Parties*; R. H. Lowie, *The Origin of the State*; M. Weber, "Politics as a Vocation" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties; the Distribution of Power within the Conservative and Labour Parties*; S. D. Bailey (Ed.), *The British Party System*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*.

N. Macchiavelli, *The Prince*; H. Taylor, *The Statesman*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; V. Pareto, *The Mind and Society*; H. D. Lasswell and others, *The Comparative Study of Elites*; C. W. Mills, *The Power Elite*; F. Oppenheimer, *The State*; R. M. Maclver, *The Modern State; The Web of Government*; R. K. Merton and others, *Reader in Bureaucracy*; R. Michels, "Some Reflections on the Sociological Character of Political Parties" (*American Political Science Review*, Nov., 1927); R. Aron, "Social Structure and the Ruling Class" (*British Journal of Sociology*, March and June, 1950); J. A. Schumpeter, *Capitalism, Socialism and Democracy*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; H. D. Lasswell, *Politics; Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; G. L. Field, *Governments in Modern Society*; D. E. Butler and R. Rose, *The British General Election of 1959*; M. Abrams, *et al.*, *Must Labour Lose?*; J. Trenaman and D. McQuail, *Television and the Political Image*; B. R. Berelson and others, *Voting*; S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology*; 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; P. Potter, *Organized Groups in British National Politics*; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. D. McKean, *The Boss*; V. O. Key and A. Heard, *Southern Politics in State and Nation*; D. B. Truman, *The Governmental Process*; J. Towster, *Political Power in the U.S.S.R., 1917–1947*; L. Trotsky, *The Revolution Betrayed*; B. D. Wolfe, *Three Who Made a Revolution*; D. R. Matthews, *The Social Background of Political Decision-Makers*.

841. 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*.

842. Medieval Society. Dr. Bridbury and Dr. Waley. Ten lectures, Michaelmas Term (1961–62), followed by ten lectures, Michaelmas Term (1962–63).

For B.A./B.Sc. (Sociology), Option I.

The lectures are mainly concerned with England and France during the period c. 1150–1350, though some attention is given to the cities of Italy and Flanders.

Syllabus I (1961–62).—The historical background to the development of feudal institutions. Theories of the state and of kingship. Knighthood and chivalric ideas. Classes: the king; knights; merchants; churchmen; peasants. Political and social institutions: the central government; parliament; the judicature; local government; palatinates and seignorial government; ecclesiastical institutions. Developments: the changing nature of armies; changing feudal institutions; 'bastard feudalism'. City-states: their social structure and political organisation; magnates and 'popular' parties; factions.

Recommended reading.—M. Bloch, *Feudal Society*; D. M. Stenton, *English Society in the Early Middle Ages*; A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries*; S. Painter, *Studies in the History of the English Feudal Barony and French Chivalry*; S. Thrupp, *The Merchant Class of Medieval London*; S. B. Chrimes, *Introduction to the Administrative History of Medieval England*; N. Denholm-Young, *Seignorial Administration in England*; H. M. Cam, *Liberties and Communities in Medieval England*; J. R. H. Moorman, *Church Life in England in the Thirteenth Century*; J. Huizinga, *The Waning of the Middle Ages*; G. A. Holmes, *The Estates of the Higher Nobility in the Fourteenth Century*; H. Pirenne, *Medieval Cities and Belgian Democracy*; J. H. Mundy and P. Riesenber, *The Medieval Town*; J. Lestocquoy, *Les Villes de Flandre et d'Italie sous le gouvernement des Patriciens*; Y. Renouard, *Les Hommes d'Affaires Italiens du Moyen Age*.

Syllabus II (1962–63).—Social and economic change in a feudal society. The fallacy of static analysis. Some causes of change. The effects of a quickening of commercial life upon such institutions as the manor, the town, and the church. Social mobility, education, and instruction in an increasingly lay society. The significance of fluctuations in the size of the population. Capitalism. Restrictionism. The role of war. The evolution of ecclesiastical thinking on trade. The beginnings of non-conformity. Problems of social policy.

Recommended reading.—D. Ricardo, *Principles of Political Economy*; E. A. Kosminsky, *Studies in the Agrarian History of England*; A. Abram, *Social England*; E. Power, *The Wool Trade*; J. H. Ramsay, *The Revenues of the Kings of England*; H. Rashdall, *The Universities of Europe* (revised edn.); G. G. Coulton, *The Medieval Village* (paperback title: *Medieval Village, Manor and Monastery*); J. T. Noonan, *The Scholastic Analysis of Usury*; E. M. Carus-Wilson, *Medieval Merchant Venturers*; J. R. Green, *Town Life in the Fifteenth Century*; F. Davenport, *The Economic History of a Norfolk Manor*; *The Cambridge Economic History of Europe*, Vols. I and II; D. Knowles, *The Religious Orders in England*; I. Origo, *The Merchant of Prato*.

842(A). Civilization of the Middle Ages (Classes). Weekly classes will be held for B.A./B.Sc. (Sociology) students, Option I, during the Lent Term.

843. 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.

844. 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).

845. 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*; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*.

(b) **Political Structure and Political Behaviour.** Mr. McKenzie. Ten lectures, Summer Term.

Syllabus.—The nature of parliamentary democracy; the structure of central and local government.

The structure and function of political parties; the rôle of interest groups; social stratification and other factors influencing electoral behaviour; the influence of the mass media.

Recommended reading.—W. I. Jennings, *Parliament; Cabinet Government; The British Constitution*; H. R. G. Greaves, *The British Constitution*; H. J. Laski, *Reflections on the Constitution*; H. S. Morrison, *Government and Parliament*; J. H. Warren, *The English Local Government System*; R. T. McKenzie, *British Political Parties*; J. Bonham, *The Middle Class Vote*; R. S. Milne and H. C. MacKenzie, *Straight Fight*; M. Benney, P. Gray and R. H. Pear, *How People Vote*; J. D. Stewart, *British Pressure Groups*; S. E. Finer, *Anonymous Empire*.

846. The Social Structure of Modern Britain. Dr. Little, Mr. J. H. Smith and Mr. Westergaard. Sessional.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.Sc.(Econ.) Part II—Special subject of Sociology; for Diploma in Social Administration and Diploma in Personnel Management.

Syllabus.—The recruitment and distribution of the population; demographic changes and their social significance; the growth and character of the urban population. The family, its structure and functions.

Changes in industrial structure, including forms of ownership and control; the development of specialised management; changes in occupational structure and in the nature and distribution of skills; the employment of women; the system of industrial relations.

The economic basis of stratification; élites and the distribution of power; cultural differences and the relations between classes; social mobility; the influence of the educational system.

The religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

Recommended reading.—J. L. and B. Hammond, *The Bleak Age*; 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); G. D. M. Block, *The Spread of Towns*; J. A. Banks, *Prosperity and Parenthood*; M. Young and P. Wilmott, *Family and Kinship in East London*; *Life in a London Suburb*; O. R. McGregor, *Divorce in England*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); D. V. Glass, *The Town*; *Report of the Royal Commission on the Distribution of the Industrial Population* (Cmd. 6153); J. Saville, *Rural Depopulation in England and Wales*; *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*; I. C. McGivering and others, *Management in Britain*; D. V. Glass, *Social Mobility in Britain*; T. H. Marshall, *Citizenship and Social Class*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; R. K. Kelsall, *Higher Civil Servants in Britain*; A. Tropp, *The School Teachers*; D. Lockwood, *The Blackcoated Worker*; F. Zweig, *The British Worker*; O. Banks, *Parity and Prestige in English Secondary Education*; J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity*; J. Bonham, *The Middle Class Vote*; M. Benney, A. P. Gray and R. H. Pear, *How People Vote*; *Report of the Royal Commission on the Press* (Cmd. 7700); F. Williams, *Dangerous Estate: the Anatomy of Newspapers*; R. Hoggart, *The Uses of Literacy*; B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom*; M. Argyle, *Religious Behaviour*; E. R. Wickham, *Church and People in an Industrial City*; W. G. Friedmann, *Law in a Changing Society*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; R. Glass, *Newcomers*; M. Freedman, *A Minority in Britain*. Additional reading lists will be given for class work.

847. 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.

848. 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 Diploma in Social Administration (First Year); optional for the Diploma in Social Administration (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* (6th 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*; H. Mannheim (Ed.), *Pioneers in Criminology*; S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency*; *Physique and Delinquency*; P. W. Tappan, *Juvenile Delinquency*; *Crime, Justice and Correction*; A. Aichhorn, *Wayward Youth*; C. L. Burt, *The Young Delinquent*; J. Bowlby, *Forty-four Juvenile Thieves*; *Maternal Care and Mental Health*; D. H. Stott, *Delinquency and Human Nature*; W. Healy and A. F. Bronner, *New Light on Delinquency and its Treatment*; M. L. Barron, *The Juvenile in Delinquent Society*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; T. Ferguson, *The Young Delinquent in his Social Setting*; T. P. Morris, *The Criminal Area*; F. M. Thrasher, *The Gang*; F. Redl and D. Wineman, *Children Who Hate*; H. Bloch and F. Flynn, *The Juvenile Offender in America Today*; G. M. Sykes, *Crime and Society*; 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*; W. M. and J. McCord, *Origins of Crime*; U.K. Home Office, *Delinquent Generations*, 1960.

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*; D. L. Howard, *The English Prisons*; U.K. Home Office, *Prisons and Borstals* (revised edition, 1960); 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*; W. E. Cavenagh, *The Child and the Court*; O. Nyquist, *Juvenile Justice*.

The following official sources should be consulted: *Annual Reports* of the Commissioners of Prisons and of the Central After-Care Association; U.K. Home Office, *Criminal Statistics* (England and Wales), published annually as command papers; U.K. Home Office, *Reports on the Work of the Children's Department* (occasional). The following Reports: *Royal Commission on Capital Punishment*, 1953 (Cmd. 8932); *Royal Commission on the Law Relating to Mental Illness and Mental Deficiency*, 1957 (Cmd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmd. 247); *Penal Practice in a Changing Society*, 1959 (Cmd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmd. 1191); *Inter-departmental Committee on the Business of the Criminal Courts*, 1961 (Cmd. 1289); U.K. Home Office, *Advisory Council on the Treatment of Offenders, Alternatives to Short Terms of Imprisonment*, 1957; *The After-Care and Supervision of Discharged Prisoners*, 1958; *The Treatment of Young Offenders*, 1959; *Corporal Punishment*, 1960; 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; The First Offenders Act, 1959; The Mental Health Act, 1959; The Criminal Justice Act, 1961.

849. (a) The Causes and Treatment of Crime (Class). Fortnightly classes will be held in the Michaelmas, Lent and Summer Terms by Dr. T. P. Morris, and weekly classes will be held in the Lent and Summer Terms by Dr. Little, for students taking B.A./B.Sc. (Sociology) Option I (Second Year).

(b) The Causes and Treatment of Crime (Class). Criminology and Penology. A weekly class will be held by Dr. T. P. Morris in the Michaelmas and Lent Terms for students taking the B.Sc. (Econ.) Part II—Special subject of Sociology, Option (iv) (c).

850. 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. 848 (The Causes and Treatment of Crime). For Diploma in Social Administration (Probation Officer students only) (Second Year).

Recommended reading.—As for Course No. 848 above. Further literature will be recommended during the course.

851. 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.

852. 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, with reference to the works of the moral philosophers listed below. It will also discuss some problems such as the relation of morals to knowledge, freedom, and the justification of obligation. A modest introduction to general philosophy will be provided, since without this the clear exposition of the ethical theories is not possible.

Recommended reading.—(i) OLDER WORKS: Plato, *Republic*; Aristotle, *The Nicomachean Ethics*; J. Butler, *Sermons on Human Nature*; D. Hume, *Enquiries concerning the Human Understanding and the Principles of Morals*; H. J. Paton, *The Moral Law, or Kant's Groundwork of the Metaphysic of Morals*; J. S. Mill, *Utilitarianism*; G. E. Moore, *Principia Ethica*; L. T. Hobhouse, *The Rational Good*.

(ii) COMMENTARIES AND RECENT WORKS: A. J. Ayer, *Language, Truth and Logic*; C. D. Broad, *Five Types of Ethical Theory*; R. G. Collingwood, *An Autobiography*; A. C. Ewing, *The Definition of Good*; R. M. Hare, *The Language of Morals*; H. J. Paton, *The Categorical Imperative: A Study in Kant's Moral Philosophy*; J. P. Plamenatz, *The English Utilitarians*; A. N. Prior, *Logic and the Basis of Ethics*; D. D. Raphael, *The Moral Sense*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*; H. Sidgwick, *Outlines of the History of Ethics for English Readers*; C. H. Waddington, *Science and Ethics*; H. M. Warnock, *Ethics since 1900*.

Further reading will be recommended during the lectures.

853. Concepts of Society. Mr. Gellner. Five lectures, Lent Term.

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.

854. 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.

855. 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 (Mediæval), Option (v) (g), and Social Anthropology, Option (v) (b); B.Sc. (Econ.) Part I (RR)—Alternative subject 14, Ethics as Applied to Social Organisation; B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology. For the Academic Diplomas in Anthropology and Psychology, the Diploma in Social Administration (Second Year) and the Diploma in Social Administration (Overseas Option) (Second Year).

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; 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*; B. Blanchard, *Reason and Goodness*.

856. 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).**857. Social Philosophy Classes.** Classes will be held for all B.A./B.Sc. (Sociology) students as follows:

First Year: Ten classes.

Second Year: Ten classes.

Third Year: Five classes.

858. Classes will be arranged, if required, for students taking the B.Sc. (Econ.) Part II—Special subject Sociology.**859. General Sociology Classes.** Classes will be held weekly throughout the session for all B.A./B.Sc. (Sociology) students in their second and third years.

FOR GRADUATE STUDENTS

860. Sociology (Seminar). A seminar for graduate students will be held by Professor Glass and others, beginning in the middle of the Michaelmas Term.**861. 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.

862. Criminology (Graduate Seminar). Mr. Hall Williams will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for graduate students.**863. Selected Issues in Contemporary Sociology.** Dr. Little, Mr. Holmes and Mr. de Kadt. Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For graduate students.

Syllabus.—Consideration of the relationship between sociology and psychology in a number of selected areas of theory and empirical research.

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

864. The Social Structure of France. Dr. Clifford-Vaughan. Ten lectures, Lent Term.

For graduate students in Sociology and Government.

Syllabus.—The milieu: natural and political. Population. The French educational system. Rural France. Urban France. Workers and trade unions. Official France: administrative and political personnel. The traditional forces: the Army and the Church.

Recommended reading.—R. Aron and others, *Inventaires III. Les classes moyennes*; E. Beau de Loménie, *Les responsabilités des dynasties bourgeoises* (3 vols.); H. Calvet, *La société française contemporaine*; B. Chapman, *The profession of Government: the public service in Europe*; L. Chevalier, *Classes laborieuses et classes dangereuses*; E. R. Curtius, *The civilisation of France, An introduction*; M. Duverger (Ed.), *Partis politiques et classes sociales en France*; J. Fauvet and H. Mendras (Eds.), *Les paysans et la politique dans la France contemporaine*; G. Friedmann, *Le travail en miettes* (13th edn.); R. Girardet, *La société militaire dans la France contemporaine (1815-1939)*; M. Halbwachs, *The Psychology of Social Class*; H. Luethy, *France Against Herself* (trans. from the German by E. Mosbacher); R. Métraux and M. Meade, *Themes in French Culture*; C. Morazé, *La France bourgeoise*; A. Siegfried, *France, A study in Nationality*; A. Siegfried and others, *Aspects de la société française*; S. Weil, *La condition ouvrière*.

Additional references for reading will be given during the course.

865. American Society since 1939: selected topics (Seminar). Mr. S. J. Gould.

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*.

866. Communism as a Social Movement (Seminar). Mr. S. J. Gould. (This course will not 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*.

867. Sociology of Development (Seminar). Mr. Bottomore will hold a seminar in the Michaelmas and Lent Terms for graduate students.

868. 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:

556. Problems of Contemporary Socialism (Seminar). Held by Dr. Miliband in the Michaelmas and Lent Terms, beginning in the fifth week of the Michaelmas Term.

589. 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.

662. Seminar on Comparative Social Institutions (Western, Oriental and Primitive). Held by Professor Schapera, Dr. Freedman, Mr. Dore and Mr. MacRae throughout the session.

665. Current Social and Political Problems in the Middle East and North Africa (Seminar). Held by Dr. Stirling, Dr. Penrose, Mr. Kedourie and Mr. Watt weekly in the Lent and Summer Terms.

961. 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. 47.—**Labour: organisation and relations.**

No. 53.—**The Economics of the Labour Market.**

No. 621.—**Trade Unions in Britain.**

No. 753.—**The Social Organisation of Industry.**

No. 932.—**Elementary Statistical Methods.**

No. 937.—**Statistical Methods (Sociology).**

No. 938.—**The Nature and Sources of Social Statistics.**

No. 939.—**Survey Methods in Social Investigation.**

STATISTICS, MATHEMATICS, COMPUTATIONAL METHODS AND OPERATIONAL RESEARCH

STATISTICS, MATHEMATICS, AND COMPUTATIONAL METHODS

Note: In the following list of lectures (RR) and (OR) denote Revised Regulations and Old Regulations respectively.

925. Introduction to Statistical Sources. Professor Allen. Ten lectures, Michaelmas Term. This course will not be given in the session 1961-62.

NOTE.—Further treatments of statistical sources and applications are provided in courses Nos. 939, 941, 942, 944 and 680.

Syllabus.—The main sources of statistics of population, manpower, production, consumption, prices, trade, national income. The nature and limitations of these statistics. Their use in illustrating recent economic movements. Index numbers in practice. The elements of the technique of social surveys.

Recommended reading.—E. Devons, *An Introduction to British Economic Statistics*; M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom*; 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. Basic Mathematics. Professor Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I (RR). Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus.—Concepts of sets, groups and fields. The idea of a function. Mappings and transformations with simple examples. The elementary functions (including the exponential function, the logarithmic function and the circular functions), their expansions, derivatives and integrals. Introduction to complex numbers, to vectors and matrices.

Recommended reading.—I. Adler, *The New Mathematics*; S. I. Altwerger, *Modern Mathematics*; G. Birkhoff and S. MacLane, *A Survey of Modern Algebra*; R. Courant and H. Robbins, *What is Mathematics?*; G. H. Hardy, *Pure Mathematics*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Finite Mathematics*; D. C. Murdoch, *Linear Algebra for Undergraduates*; W. W. Sawyer, *Mathematician's Delight and Prelude to Mathematics* (Pelican Books).

927. Basic Mathematics Class. Mr. T. M. F. Smith. Twenty classes, Sessional (beginning in the sixth week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 926.

928. Intermediate Mathematics. Mr. Hajnal. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR).

Syllabus.—Limits and series. Derivatives and integrals of functions of one variable; extreme values. Series expansions. Complex numbers. Vectors and matrices.

Recommended reading.—J. Blakey, *University Mathematics*; C. V. Durell, *Advanced Calculus*; W. L. Ferrar, *A Textbook of Convergence; Algebra*; R. Courant, *Differential and Integral Calculus* (Vol. I); G. Birkhoff and S. Maclane, *A Survey of Modern Algebra*.

929. Intermediate Mathematics Class. Mr. Hajnal. Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 928.

930. Elementary Statistical Theory—I. Mr. Durbin (Day), Mr. T. M. F. Smith and Mr. Thomas (Evening). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR).

Syllabus.—Probability and distribution theory. Statistical relationship. Sampling. Estimation and tests of hypotheses. Time series and index numbers.

Recommended reading.—B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; P. G. Hoel, *Elementary Statistics*.

931. Elementary Statistical Theory Class. Mr. Durbin and Mr. Kalton (Day), Mr. T. M. F. Smith and Mr. Thomas (Evening). Fifteen classes, Sessional (beginning in the sixth week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 930.

932. Elementary Statistical Methods. Mr. Moser, Miss Gales and Mr. Kalton. Fifteen lectures and classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (First Year) (RR), Alternative subject 8: Methods of Social Investigation; Diploma in Public Administration; Optional for the Diploma in Personnel Management and for students attending the Trade Union Studies course.

Syllabus.—The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index-numbers. Elementary measures of fertility and mortality. Time-series and cross-section data. Elements of association and correlation. Basic ideas of statistical inference.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; A. R. Ilesic, *Statistics and their Application to Commerce*; A. Bradford Hill, *Principles of Medical Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, A New Approach*; B. Benjamin, *Vital Statistics*.

933. Statistics (Second Year Class). Professor Allen and others. Ten classes, Michaelmas Term. (These classes will be given in the session 1961-62 only.)

The classes will be taken by Professor Allen, Miss Doig, Miss Gales, Mr. Kalton, Mrs. Land, Mr. Moser and Mr. T. M. F. Smith.

934. Elementary Statistical Theory—II. Mr. Hajnal. Twenty lectures and five classes, Sessional.

For B.Sc. (Econ.) Part I (Second Year) (OR)—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*; H. Cramer, *The Elements of Possibility Theory*; P. G. Hoel, *Introduction to Mathematical Statistics*.

935. Statistics (Specialist Class). Miss Gales and Mr. Booker. Twenty-five classes, Sessional. (This class will be given in the session 1961-62 only.)

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.

936. Applied Statistics. Mr. Booker and Mr. Crossley. 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 or Mr. Crossley.

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 932, Elementary Statistical Methods, 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*; E. Devons, *British Economic 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); C. A. Blyth, *The Use of Economic Statistics*. 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.

937. Statistical Methods (Sociology). Forty hours extending over three sessions.

(a) Mr. Moser and Mr. Kalton. Twenty hours, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (First Year).

(b) Mr. Carrier. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Second Year).

(c) Miss Gales. Ten hours, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year).

Syllabus.—Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples.

The application of statistical methods to sociological problems.

Recommended reading.—R. G. D. Allen, *Statistics for Economists*; L. H. C. Tippett, *Statistics*; A. R. Iliesic, *Statistics*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*; A. Bradford Hill, *Principles of Medical Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, a New Approach*; L. R. Connor and A. J. H. Morrell, *Statistics in Theory and Practice*; J. E. Freund and F. J. Williams, *Modern Business Statistics*.

938. The Nature and Sources of Social Statistics. Mr. Moser and others. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year); B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (d) and of Social Anthropology, Option (v) (g); also for Diploma in Personnel Management; 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.

939. Survey Methods in Social Investigation. Mr. Moser. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Third Year); B.Sc. (Econ.) Part I (RR), Alternative Subject 8, Methods of Social Investigation; B.Sc. (Econ.) Part II—Special subject of Statistics, Option (iv) (d)—Social Statistics; and optional for other Special subjects.

For Diploma in Operational Research. Optional for the Diploma in Social Administration (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. Yates, *Sampling Methods for Censuses and Surveys*; B. S. Rowntree, *Poverty and Progress*; *New Survey of London Life and Labour*; H. Cantril and others, *Gauging Public Opinion*; F. Mosteller (Ed.), *The Pre-Election Polls of 1948*; M. A. Abrams, *Social Surveys and Social Action*; P. Gray and T. Corlett, "Sampling for the Social Survey"

(*Journal of the Royal Statistical Society*, 1950); C. Seltiz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the 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*.

940. Mathematics. Miss Doig. Twenty lectures and twenty classes (two hours per week). (To be given in the session 1961–62 only.)

For B.Sc. (Econ.) Part I (Second Year) (OR)—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*; C. J. Tranter, *Techniques of Mathematical Analysis*.

941. 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 for some 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.

942. 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 for some 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, 1958 to 1960* (Cmd. 1329); *Economic Survey for 1961* (Cmd. 1334); 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*.

943. Introduction to Econometrics. Mr. Corlett and Mr. Thomas. 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. 23 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" in H. S. Ellis (Ed.), *A Survey of Contemporary Economics*; L. R. Klein, "The Scope and Limitations of Econometrics" (*Applied Statistics*, 1957); S. Valavanis, *Econometrics*; L. R. Klein, *A Textbook of Econometrics*; W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method*; C. F. Christ, C. Hildreth, Ta-chung Liu and L. R. Klein, "A Symposium on Simultaneous Equation Estimation" (*Econometrica*, 1960); H. Schultz, *The Theory and Measurement of Demand*; R. Stone, *Measurement of Consumers' Expenditure and Behaviour in the United Kingdom 1920-1938*; S. J. Prais and H. S. Houthakker, *The Analysis of Family Budgets*; P. H. Douglas, "Are There Laws of Production?" (*American Economic Review*, 1948); J. Marschak and W. H. Andres, "Random Simultaneous Equations and the Theory of Production" (*Econometrica*, 1944); J. Johnston, *Statistical Cost Analysis*; H. Theil, *Economic Forecasts and Policy*.

944. Labour Statistics. Mr. Moser and Mr. Crossley. 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.); *Ministry of Labour Gazette*; E. Devons, *British Economic Statistics*; H. A. Turner, "Measuring Unemployment" (*Journal of the Royal Statistical Society, Series A, Vol. 118, 1955*); E. Devons and R. C. Ogley, "An Index of Wage-Rates by Industries" (*The Manchester School of Economic and Social Studies, Vol. XXVI, May 1958*); A. L. Bowley, *Wages and Income in the United Kingdom since 1860*; "Wages, Earnings and Hours of Work, 1914-1947" (*London and Cambridge Economic Service, Special Memorandum No. 50*); H. Silcock, "The Phenomenon of Labour Turnover" (*Journal of the Royal Statistical Society, Series A, Vol. 117, 1954*); K. F. Lane and J. E. Andrew, "A Method of Labour Turnover Analysis" (*Journal of the Royal Statistical*

Society, Series A, Vol. 118, 1955); *Cost-of-Living Statistics* (I.L.O., 1947); *Employment, Unemployment and Labour Force Statistics* (I.L.O., 1948); *Wages and Payroll Statistics* (I.L.O., 1949); *Population Census Methods* (U.N.O., 1949); L. Rostas, *Comparative Productivity in British and American Manufacturing Industry; Census of Production Reports*; London and Cambridge Economic Service, *Memoranda and Bulletins; Method of Construction and Calculation of the Index of Retail Prices* (Studies in Official Statistics No. 6, H.M.S.O.); S. J. Prais, "Some Problems in the Measurement of Price Changes with special reference to the Cost of Living" (*Journal of the Royal Statistical Society, Series A, Vol. 121, 1958*); E. v. Hofsten, *Price Indexes and Quality Changes; Reports of Cost of Living Advisory Committee* (B.P.P. 1946-47, Vol. X, and 1950-51, Vol. XI, Cmd. Nos. 7077, 8328, 8481).

945. 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*.

946. 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)*; 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. 947-949 inclusive. For the Special subject of Computational Methods, all students should take courses Nos. 953-955. 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 Mr. Durbin.

947. Probability and Distribution Theory. Mr. Stuart. Twenty lectures and ten classes, Michaelmas Term.

For Diploma in Operational Research.

Syllabus.—Probability. Frequency and Generating Functions. Distribution- and frequency-functions. Moment-generating and characteristic functions. Cumulants. 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.

948. Theory of Statistical Methods. Dr. 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*.

949. Estimation and Tests of Hypotheses. Mr. Stuart. Twenty lectures, Lent Term.

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; E. L. Lehmann, *Testing Statistical Hypotheses*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II.

950. Theory of Sample Surveys. Mr. Stuart. Ten lectures, Summer Term.

For Diploma in Operational Research.

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*.

951. Design of Experiments. Dr. 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*.

952. Analysis of Time Series. Mr. Durbin. Ten lectures, Summer Term.

Optional for Diploma in Operational Research.

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* (chapters on time-series).

953. Numerical Analysis. Miss Doig. Twenty lectures, Michaelmas and Lent Terms.

Syllabus.—Evaluation of formulae, 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*.

954. Computer Programming. Dr. Foster. Two hours per week, Michaelmas Term.

Students are referred also to Courses No. 953 and 964.

Syllabus.—Principles of construction and use of digital computers, analogue computers and punched-card equipment. The principles of computer programming.

Recommended reading.—R. K. Livesley, *Automatic Digital Computers*; M. V. Wilks, *Automatic Digital Computers*; W. L. B. Nixon, *A Beginners Guide to Programming for Mercury* (University of London Computer Unit).

955. Management Mathematics. Dr. Foster. Ten lectures and five classes, Michaelmas Term.

For Diploma in Operational Research.

Students are recommended to attend Courses No. 20, 23 and 964.

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*.

956. Advanced Mathematics. Mr. Durbin and Miss Doig. Twenty-five 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*.

FOR GRADUATE STUDENTS

957. Symmetric Functions, Groups and Invariance. This course will not be given in the session 1961-62.

For graduate students.

Syllabus.—Symmetric function theory as used in theoretical statistics. Elements of group theory and application to experimental designs. Algebraic invariants.

Recommended reading.—P. A. MacMahon, *An Introduction to Combinatory Analysis*; H. B. Mann, *Design of Experiments*.

958. Geometry of n Dimensions. This course will not be given in the session 1961-62.

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*; M. G. Kendall, *A course in n -dimensional geometry*.

959. Stochastic Processes. Miss Doig. 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); and for Diploma in Operational Research.

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*; L. Takacs, *Stochastic Processes*; J. G. Kemeny and J. L. Snell, *Finite Markov Chains*.

960. Theory of Statistical Transformations. Dr. Quenouille. Six lectures, Summer Term. (This course will not be given in the session 1961-62; it will be given in the session 1962-63.)

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*.

961. Design and Analysis of Social Investigations. Mr. Moser, Miss Gales, Dr. Oppenheim and Mr. Westergaard. Two hours per week, Sessional.

Students are referred also to Courses No. 713 and 867.

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: C. Sellitz 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*.

962. Survey of Operational Research. Dr. Foster, Dr. Morton, Dr. Land. Ten lectures, Lent Term.

For Diploma in Operational Research, 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*.

The attention of students taking the Diploma in Operational Research is drawn to the following courses held at Imperial College:

Industrial Engineering. Dr. Eilon. 100 lectures, Sessional.

Work Study. Dr. Eilon. Twenty lectures, Michaelmas Term.

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).

963. Theory of Statistics Class. Miss Doig. One hour per week, Lent and Summer Terms.

964. Computational Methods Class. Dr. Foster and others. Two hours per week, Lent and Summer Terms.

For Diploma in Operational Research.

965. Computational Methods (Graduate Class). Dr. Foster. Two hours per week, Sessional.

For graduate students. Admission by permission of Dr. Foster.

966. Numerical Analysis Class. Dr. Foster. Two hours per week, Lent Term.

967. Economic and Social Statistics Class. Professor Allen. One-and-a-half hours per week, Sessional.

For B.Sc. (Econ.) Part II—Economic and Social Problems treated statistically.

968. Social Statistics and Survey Methodology Class. Mr. Moser, Miss Gales and Mr. Kalton. Two hours per week, Sessional.

969. Statistics, Evening Classes. Mr. Booker, Mr. Durbin, Mr. Moser and Mr. T. M. Smith. Sessional.

970. Statistics, Practical Class. Dr. Quenouille and Mr. T. M. F. Smith. Two hours per week, Sessional.

971. Punched Card Equipment, Practical Class. Mr. Booker. Six hours in the Lent 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.

972. Data Processing—Applications to Accounting and Business.
Mr. McRae. Ten hours, Michaelmas and Lent Terms.

Syllabus.—Introduction to digital computers and programming. Applications of computers to accounting systems and business problems, with practical examples.

Recommended reading.—A. J. Burton and G. R. Mills, *Electronic Computers and their Business Applications*.

973. Theory of Statistics (Graduate Class). Mr. Stuart and others.
Two hours per week, Sessional.

974. Statistics (Graduate Seminar). Professor Allen and Mr. Durbin will hold a fortnightly seminar during the session. Admission will be by permission of Professor Allen or Mr. Durbin.

975. Operational Research (Graduate Seminar). Dr. Foster and Dr. Morton will hold a fortnightly seminar during the session. Admission will be by permission of Dr. Foster and Dr. Morton.

For Diploma in Operational Research.

Students attending this seminar should also refer to course No. 30—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. 20.—**Dynamic Process Analysis.**

No. 23.—**Theory of Games and Linear Programming.**

No. 29.—**Economics Seminar.**

No. 680.—**Introduction to Demography.**

No. 681.—**Mathematics of Population Growth.**

No. 682.—**Elements of Demographic Analysis.**

No. 683.—**Population Trends and Policies.**

No. 713.—**Theories and Methods Seminar in Social Psychology.**

No. 868.—**Mathematical Method for Sociologists (Graduate Seminar).**

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 P. T. Bauer, 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, 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. SCHAPIRÓ. 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.

Samuel Bailey and the Classical Theory of Value. By R. M. RAUNER. 1961; vii, 162 pp. Cloth, 30s. net.

From Dependent Currency to Central Banking in Ceylon: An Analysis of Monetary Experience, 1825-1957. By H. DE S. GUNASEKERA. (*In the press.*)

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*)

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), xvi, 548 pp., Demy 8vo, cloth. 25s. 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.

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. 1959; 151 pp., with diagrams. Cloth, octavo, 25s. net.

Forthcoming:

22. **Rethinking Anthropology.** By E. R. LEACH. Approximately 160 pp., with diagrams. Cloth, octavo. Probably 25s. net.

23. **Marsh Dwellers of the Euphrates Delta.** By S. M. SALIM. Approximately 206 pp., with maps, diagrams and plates. Cloth, octavo. Probably 35s. net.

24. **Legal Institutions in Manchu China.** By SYBILLE VAN DER SPENKEL. Approximately 160 pp., with maps and diagrams. Cloth, octavo. Probably 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. SCHAPERLA. 1943; vi, 96 pp., with folding map. Paper bound, quarto, 9s. net.

10. **Akokoaso: A Survey of a Gold Coast Village.** By W. H. BECKETT. 1944; v, 96 pp., with coloured diagrams. Paper bound, quarto. 3rd Impression, 1956, 12s. net.

12. **The Chinese of Sarawak: A Study of Social Structure.** By JU K'ANG T'IEN. 1953; vi, 92 pp., with maps and diagrams. Paper bound, quarto, 2nd Impression, 1956, 21s. 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 MOUNTFORT 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. (*Edition exhausted.*)

10. The English Utilitarians. By LESLIE STEPHEN. (1900.) 1950; Vol. II. James Mill, vi, 382 pp. (*Edition exhausted.*)

11. The English Utilitarians. By LESLIE STEPHEN. (1900.) 1950; Vol. III. John Stuart Mill, vi, 525 pp. £2 2s per set. (*Edition exhausted.*)

12. London Life in the Eighteenth Century. By M. DOROTHY GEORGE. (1925.) 1930, 1951; 468 pp. Full bound, 15s.

13. 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.
30. **Agents of Cultural Advance.** SIR AUBREY LEWIS, M.D., F.R.C.P. 1961, pp. 29, 5s. 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 inquiry into the changing opportunities for secondary education was carried out in Middlesbrough and Watford. This has been described by J. E. Floud, A. H. Halsey and F. M. Martin in a book entitled *Social Class and Educational Opportunity*. The book appeared in 1957. Further, two professions were selected for intensive analysis, namely, the Higher Civil Service and the elementary school teaching profession. The reports on both these professions have been completed and published. The first study—*The Higher Civil Service in Britain*, by R. K. Kelsall—appeared in 1955, while the report on the elementary school teaching profession was published in 1957 in a book entitled *The School Teachers*, by A. Tropp. *The Blackcoated Worker*, by D. Lockwood, a study of the clerks of Britain, was published in 1958. Graduate students 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. 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.

Over the past three years the Unit has been concerned specially with the study of psychological aspects of survey work and has completed one series of inquiries on respondent memory and another series on the representativeness of volunteers for panels and for participation in research. Current projects are concerned with question design, interviewer performance and the preparation of a summary of all major methodological research published during the last twenty years. In these inquiries the Unit works in close contact with professional agencies and this useful liaison ensures that the research effort of the Unit is directed into channels where it is likely to be most useful in practice.

The Unit has recently accepted a Home Office grant for studies of the *methods* of criminological research. Work on this project will deal with issues such as: the accuracy of the information gathered, the development of discriminating variables, the devising of techniques for eliciting information, the development of further tools for the systematic analysis of criminological data.

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, queueing, 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 queueing theory and on the life-testing of industrial equipment. The Division assisted in founding a new journal of Statistical Abstracts on behalf of the International Statistical Institute, and among other things is at present engaged on the preparation of a comprehensive bibliography of papers on statistical method and probability from the 16th century up to the end of 1958.

A grant of £2,000 from the Elmgrant Trust, supplemented by the Department of Sociological and Demographic Research, enabled an electoral survey to be carried out in Greenwich in 1950. This was published by Routledge and Kegan Paul under the title *How People Vote: A Study of Electoral Behaviour in Greenwich*.

Between 1950 and 1958 the Passfield Trustees made an annual grant of £1,000. This was used to finance a number of research projects undertaken at first by members of the teaching staff and then, from 1953 onwards, by specially appointed Webb Research Fellows. The following

studies have been completed: *Trade Union Government and Administration in Great Britain* by B. C. Roberts, published by G. Bell & Sons Ltd. in 1956 and reprinted in 1957; *Power and Policy in the U.S.S.R.* by G. R. A. Conquest, published by MacMillan & Co., 1961; *Organisation and Capital Development: A Comparative Study of some British Industries* by R. J. S. Baker.

The Columbia University Research Programme on the History of the Communist Party of the Soviet Union (financed by the Ford Foundation) made an initial grant of £1,500 in 1956 to enable Mr. L. B. Schapiro to write a one-volume history of the Communist Party of the Soviet Union. This has been published under the title *The Communist Party of the Soviet Union* by Eyre and Spottiswoode in 1960. An additional grant of £1,750 is being used by Mr. Schapiro and Dr. S. V. Utechin to write a two-volume history of the Communist Party of the Soviet Union from its origins to 1917.

Successive grants from the Nuffield Foundation of £2,500 in 1958, £3,500 in 1959 and £5,000 in 1961 have enabled the Greater London Group (a group of teachers in the School, from several different disciplines, under the chairmanship of Professor W. A. Robson) to carry out research into the Government of the Greater London area. Written and oral evidence was presented to the Royal Commission on Local Government in Greater London during 1959. The Group is now engaged in more long-term research. Work is in progress on the determination of the limits, growth and structure of Greater London; an examination of the public policies which affect it (e.g. transport) or which are of special importance to local government (e.g. education); and an investigation into some of the political problems of local government in a large metropolitan centre such as London.

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 750 in the session 1960-61.

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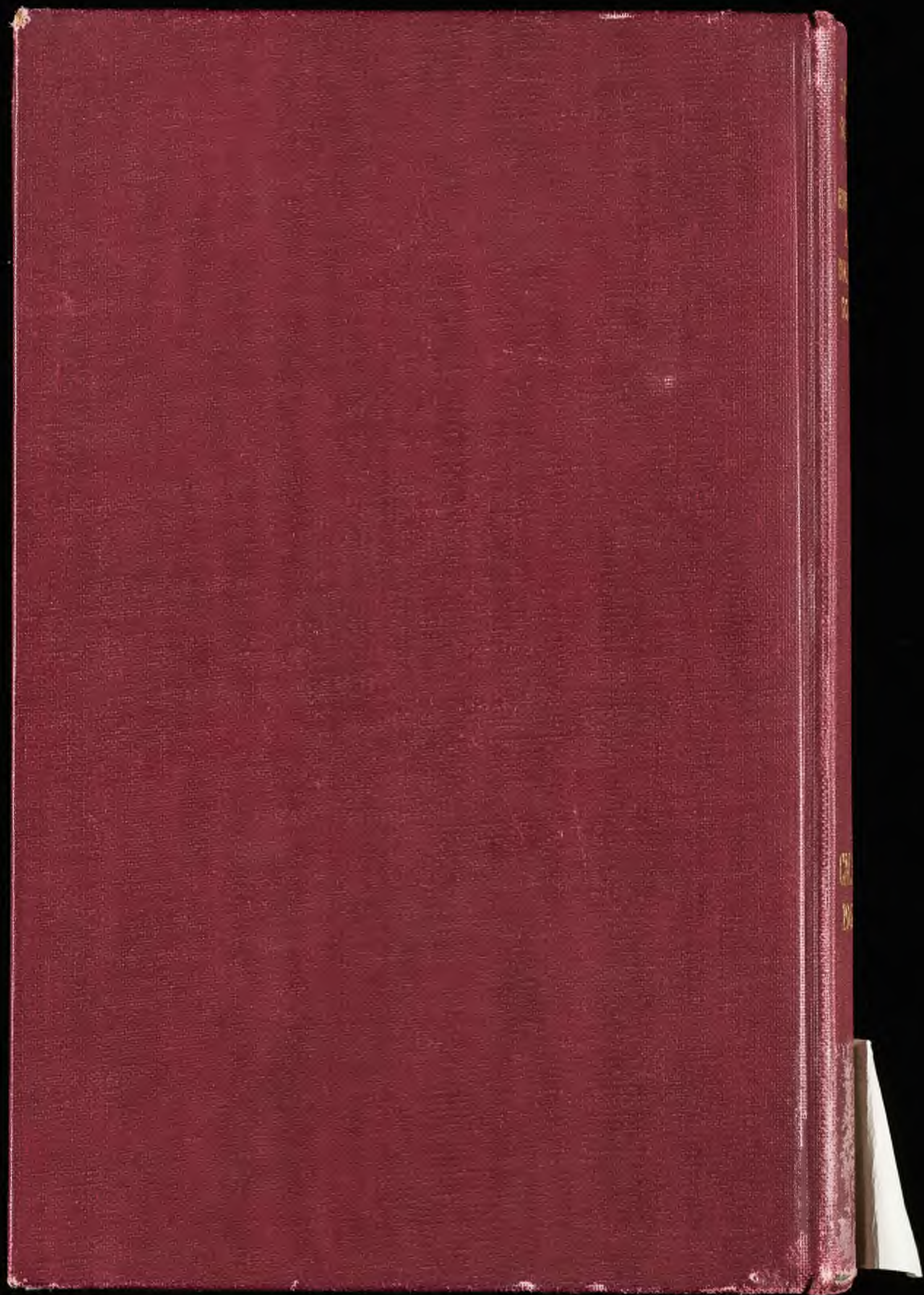
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LL5170

Outlines of Modern Criminology (Half unit course)**Teacher Responsible: Professor R. Reiner****Course Intended Primarily for LL.B. Part I and II.**

Core Syllabus: This half-unit course aims to give an introduction to selected aspects of Modern Criminology, lasting one term. The Course is highly selective and every effort is made to hold the reading requirements within reasonable limits. It is suitable for General Course Students, and a limited number may be admitted on application.

The main theories about crime and its explanation are examined, including biological, psychological and psycho-analytical theories. The emphasis is on sociological theories about crime, including modern critical theories. Also included are an evaluation of: criminal statistics; the role of victims in crime and criminal justice process; policing and crime prevention; women, crime and justice.

Course Content:

1. The history of criminological theory.
2. Individual explanations of crime: biological, psychological, and psycho-analytical theories.
3. Sociological explanations of crime; including recent critical theories.
4. Crime statistics: how can official statistics be interpreted. The role of crime surveys.
5. The role of the victim in regard to (a) the crime, and (b) the criminal justice process.
6. Policing and Crime Prevention.
7. Women, crime and the criminal justice system.

Pre-Requisites: None, but some familiarity with sociological or psychological literature would be an advantage.

Teaching Arrangements: A weekly two-hour seminar (LL141) and no class, in the Michaelmas Term.

Written Work: Essays or past examination questions will be set from time to time.

Reading List:

Useful introductions which can be read in advance are: F. Heidensohn, *Crime and Society* (1989), and/or K. Williams, *Textbook on Criminology* (1991). A text covering most topics on the course in sufficient depth is M. Maguire, R. Morgan & R. Reiner (Eds.), *The Oxford Handbook of Criminology* (1994).

Other recommended texts:

D. Downes & P. Rock, *Understanding Deviance* (1988); P. Rock (Ed.), *A History of British Criminology* (1988); G. Vold & T. Bernard, *Theoretical Criminology* (1986); I. Taylor, P. Walton & J. Young, *The New Criminology* (1973); J. Shapland, *Victims in the Criminal Justice System* (1985); R. Reiner, *The Politics of the Police* (2nd edn., 1992); A. Bottomley & K. Pease, *Crime and Punishment: Interpreting the Data* (1986); F. Heidensohn, *Women and Crime* (1985).

Examination Arrangements: There will be one two-hour examination.

LL5171

Sentencing and Treatment of Offenders (Half unit course)**Teachers Responsible: Professor T. Morris and others****Course Intended Primarily for LL.B. Part I or II.**

Core Syllabus: This course, which is a half unit course for the purpose of the LL.B., lasts one term. It provides an introduction to the study of sentencing theory and practice, including a discussion of the aims of punishment, it goes on to examine the various custodial and non-custodial measures available, and their effectiveness.

Course Content: 1. Aims and justifications of punishment.

2. Sentencing - theory, practice and future.
3. Custody - prison conditions and policy.
4. Categories of offender - juveniles, women etc.
5. Alternatives to custody.

Pre-Requisites: Most students coming to this course will be familiar with the structure of the English courts, both at trial and appeal levels. As the course is geared to the English system it is not so suitable for General Course students though some have opted for it in the past.

Teaching Arrangements: LL140 10L (two hour seminars). Students are expected to make informal presentations and participate in class discussions.

Written Work: Two essays will be set.

Reading List: A. Ashworth, *Sentencing and Criminal Justice* (1992); C. Harding & L. Koffman, *Sentencing and the Penal System* (1987). Further reading will be given at the commencement of the course.

Examination Arrangements: There will be one two-hour examination.

LL5172

LL5173

Social Security Law I and II (Half unit courses)**Teacher Responsible: Dr. Julian Fulbrook, Room A368**

Course Intended Primarily for LL.B. - Parts I and II
Core Syllabus: SS I aims to survey the basic legal theory of the subject. SS II is an advanced practical course on lawyering technique.

Course Content:

(1) *Social Security I:* General Introduction to National Insurance and Income Support Law. Terminology and specialist citations. Historical perspectives: the Poor Law, the 1909 Royal Commission, the 1911 Act, the 1934 'double decker' system. The Beveridge structure. Contributions. Types of benefits. Social Security Appeal Tribunals. The Commissioners. Ministers Questions. National Insurance Unemployment Benefits. Sickness and Invalidity Benefits. Income Support. Social Security and strikes.

(2) *Social Security II:* Interviewing. Audio Visual practice. Negotiating. The administrative process. Tribunal advocacy: opening submission, examination-in-chief, cross-examination and final submissions. Tribunal hearings. Appellate work and counselling.

Pre-Requisites: SS I is a pre-requisite for SS II.

Teaching Arrangements: The course is taught partly by lectures (LL144 and LL145) and partly by seminars. Lectures are used to cover a lot of ground

quickly, whereas the seminars are to enable us to discuss issues and details on the basis of prior reading. The aim is to analyse the technicalities of the law but also to put the issues into context - millions of people who every year rely on social security for their basic income.

Reading List: Ogun & Barendt, *The Law of Social Security* (Butterworths, 1988); Tony Lynes, *Penguin Guide to Supplementary Benefits* (5th edn., 1985); Julian Fulbrook, *Law at Work: Social Security* (1980); Social Security Acts 1975 and 1980; LAG *Lawyer's Guide to S.B.*; Julian Fulbrook, *Administrative Justice and the Unemployed* (1978); Max Atkinson, *Our Masters' Voices* (1984); Marcus Stone, *Cross-Examination in Criminal Trials* (1988).

Examination Arrangements:

(1) SS I: There is a two-hour paper with two questions:

(a) *A Legal problem* in which the student is expected to demonstrate knowledge and familiarity with the statutes and case law. (b) *A general essay* on a question which will deal with one of the following topics: (i) The historical origins of social security, (ii) The tribunal system; (iii) Social security and strikes.

(2) SS II: A two-hour paper with two questions based on a transcript of an interview, negotiation or tribunal hearing.

LL5175

Medical Care and the Law (Half unit course)**Teacher Responsible: Joe Jacob, Room A469****Course Intended Primarily for LL.B. Parts I and II.**

Course Content: selected topics from both sections will be taught from year to year. Each topic in both sections will be taught with reference to the medical profession ethics and administrative issues as well as the relevant law.

Section (A)

1. The structure of the National Health Service including the legal system and accountability of the various bodies.
2. The ethical, disciplinary and legal organisation and control of medical staff.
3. The complaints procedures including the relationship between professional, administrative and legal procedures.
4. The ethical and legal rules relating to medical confidences and the proposals for their reform.
5. The meaning and significance of the concept "clinical freedom".
6. The meaning and significance of the concept of "informed consent" to medical procedures.

Section (B)

1. The provision of mental services, the Mental Health Review Tribunals, and the current proposals for reform.
2. Medical research, including issues of consent.
3. Special issues relating to children, including consent, the age of consent and the rights of parents.
4. Operation and significance of the medical and legal definitions of death.
5. The legal and medical questions relating to euthanasia, including the hastening and delaying of

death.

6. The ethical and legal questions relating to transplants, including the operation of the Human Tissue Act 1961.

7. Some aspects of the legal, medical and administrative questions raised by medical developments in abortion and fertility control.

Pre-Requisites: There are none beyond those for entry into the Part I. Students with an interest in public law and torts and how they relate to other social sciences in the medical context will find the course particularly attractive. It is hoped that some non-law students from e.g. Social Administration will attend.

Teaching Arrangements: This is a half-unit course (LL142) within the LL.B. The course will be taught in 1¹/₂ to 2 hour sessions once a week in the Michaelmas Term. Lecturing will be kept to a minimum and there will be a large element of student involvement.

Reading List: There is no set text for this subject. The following will be found useful: J. Jacob, *Doctors and Rules. A Sociology of Professional Values*; Mason & McCall Smith, *Law and Medical Ethics*; M. Brazier, *Medicine, Patients and the Law*; R. Yezzi, *Medical Ethics: Thinking about Unavoidable Questions: Encyclopedia of Health Services and Medical Law*; Kennedy & Grubb, *Text and materials on Medical Law*.

Additional reading will be recommended during the course.

Examination Arrangements: There is a two-hour formal examination in the Summer Term based on the topics covered in the seminars. There will be a wide choice of questions giving students an opportunity to show the areas of the subject that have most strongly interested them. Students will be required to answer 2 or 3 questions. The number will be notified well in advance.

LL5199

Essay on an Approved Legal Topic

The regulations for the LL.B. degree provide that where a student is taking the equivalent of three-and-a-half subjects he/she may make up the final half-subject by writing an essay on a legal topic approved by the School.

This may be done by either Second or Third Year students (subject only to the rule that no one may do more than 25% of their examination by way of essays). Any student thinking of doing the approved legal topic essay should discuss the matter with his/her tutor.

The selection of an appropriate topic would be for the student in consultation with his or her tutor or, if the tutor is not to be the supervisor for the essay, with the supervisor. Once they have settled on a topic it must be approved by the Chairman of the Part I and Part II LL.B. Board.

There is no rule that the topic cannot be from an area covered by a subject being taken (or having been taken) as an ordinary examination subject. But in that case the supervisor and the Chairman of the Examiners will need to consider to what extent the subject is different from what would be done in the

other course. Obviously it is not possible to do an essay on a subject which simply repeats material covered elsewhere.

The length of the essay should be 6,000 to 8,000 words (excluding footnotes). In the interests of the candidate a typescript is preferred. Footnotes may be placed at the end of the text or at the bottom of the

page to which they relate. The latter is preferable. The essay should include a bibliography.

The supervisor will be available to provide some guidance but basically it is intended that the student should do his own research.

The essay should be handed in to the Examinations Office not later than 1st May

MANAGEMENT

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the Course Content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Course Guide Number</i>
Mn100	Management and Current Affairs Professor P. Abell	
Mn101	The Process of Management Professor Stephen Hill, Professor P. Abell and Dr. R. Peccei	26/ML Mn7400
Mn102	Case Studies in Management Sir G. Owen	10/L Mn7400
Mn103	Economics for Management Dr. D. Reyniers	20/ML Mn7402
Mn104	International Marketing & Market Research Dr. Celia Phillips	20/ML Mn7403
Mn105	Management in the International System Mr. N. Dattani and Dr. Michael Hodges	20/ML Mn7401

Course Guides

Mn100

Management and Current Affairs

Teacher Responsible: Professor Peter Abell, Room N13b

Course Intended for Compulsory course for first year B.Sc. Management students.

Course Content: The course is based on informal seminars covering broad management issues. Occasional outside speakers are also invited to contribute to seminars.

Reading List: There is no reading list for the course.

Teaching Arrangements: Seminars are held fortnightly during the Michaelmas, Lent and Summer Terms.

Examination Arrangements: The course is not examined.

Mn7400

The Process of Management

Teacher Responsible: Professor Stephen Hill, Room A454a

Course Intended for B.Sc. Management 2nd year.

Core Syllabus: The application of social science concepts to the analysis of management and the social organization contexts in which managers operate. The way management has been conceptualized and key concepts in the understanding of managerial action. The exploration of applied issues in management by means of case studies.

Course Content: The nature of management. The managerial revolution. Ownership and control of companies. The nature of the firm. Theories of managerial behaviour. Power and politics in organizations. Organizational effectiveness: conceptions of structures and processes. Economic restructuring. Strategy. Japanese management. Quality management. New wave management theory. Culture and leadership. Human resource management. Women and management. Management in a democratic organization. Selected case studies.

Teaching Arrangements: Lectures: (Mn101) 26 Michaelmas and Lent Terms. Classes (Mn101a) 22: Michaelmas (10) Lent (10) Summer (2). Case study classes (Mn102) are organised in the Lent Term (10).

Written Work: Students are expected to produce two pieces of written work per term including two written reports on the case study component of the course.

Reading List: There is no suitable textbook. A reading list will be available to students taking the course.

Examination Arrangements:

1. A formal 3 hour examination - 80%
2. Case study reports - 20%

Two case study reports are to be submitted, each report is expected to be a maximum of 3,000 words in length. Reports are to be submitted by the end of the eighth week of the Lent Term and first week of the Summer Term.

Mn7401

Management in the International System

Teachers Responsible: Mr. Nilesh Dattani, Room E495 and Dr. Michael Hodges, Room B810

Course intended for B.Sc. Management, 3rd year.

Core Syllabus: It aims to apply social science theory to the analysis of the conduct and management of transnational activities; to contrast international management structures and processes with those found in the purely domestic context; to examine the various forms of organisation that carry out activities internationally; to delineate the international political, economic, social and legal structures and environments within which management takes place; to analyse selected issues in international management utilising interdisciplinary case studies.

Course Content: The course has two main sections, one on the functioning of the international system and the other examining management in the international context.

I The Functioning of the International System (10 Lectures)

The nature of the contemporary global political economy. The changing position of the State in a global economy. The globalisation of business, finance and trade in goods and services. Global competition. The transnational corporation in the global economy. The evolution and operation of international organisations and regimes to manage activities across national frontiers. Global interdependence and integration: record and prospects.

II Management in the International Context (10 Lectures)

Organisational structures: patterns of governance, control and the operation of the organisations in an international context. Decision-making, negotiation and cross-cultural communication in international organisations. Strategy and management of international business. Convergence and divergence of national regulations. The new diplomacy of states and firms.

Teaching Arrangements:

Lectures (Mn105):	Michaelmas Term	- 10 x 1 hour
	Lent Term	- 10 x 1 hour
Classes (Mn105a):	Michaelmas Term	- 8 x 1 hour
	Lent Term	- 10 x 1 hour
	Summer Term	- 2 x 1 hour

The twenty classes accompanying the lectures will be of three types: ten will be conventional reinforcement of the material covered by the lectures; eight will be devoted to a series of integrative case-studies, utilising multidisciplinary social science perspectives to explore the various dimensions of international management as they are introduced in the lectures; the remaining two classes will be devoted to revision for the examination.

Written Work: Students are expected to produce two written essays (each with a maximum length of 1,500 words to be submitted in the seventh week of the Michaelmas and Lent Terms) and a case-study report (maximum of 2,500 words in length to be submitted in the third week of the Summer Term).

Reading List: Peter Dicken, *Global Shift*, 2nd edn. (1992); John Stopford & Susan Strange, *Rival States. Rival Firms* (1991); Robert S. Walters & David H. Blake, *The Politics of Global Economic Relations*, 4th edn. (1992); John H. Dunning, *The Globalisation*

of Business (1993).

Examination Arrangements:

1. A formal 2-hour examination - 50%
2. Case-study report - 30%
3. Two written essays - 20%

Mn7402

Economics for Management

Teacher Responsible: Dr. Diane Reyniers, Room N12c

Course Intended Primarily for B.Sc. Management, 2nd year.

Core Syllabus: The objective of the course is to provide students with insights from economic theory which are relevant to applications in managerial decision making. The emphasis is on problem solving and applying microeconomics ideas.

Course Content: Consumer behaviour, demand analysis, labour supply, economics of the firm, costs, government intervention, competitive structure, monopoly, oligopoly, product differentiation, pricing, game theory, decision analysis, moral hazard.

Teaching Arrangements:

Lectures (Mn103): 2 hours x 10 Michaelmas and Lent Terms

Classes (Mn103a): 1 hour x 10 Michaelmas; 1 hour x 10 Lent; 1 hour x 2 Summer

Reading List: No textbook covers the whole course but Solberg, *Microeconomics for Business Decisions* (1992) will be used and Hal R. Varian, *Intermediate Microeconomics* (1990) is a good reference book for the course. In addition students are advised to use T. C. Bergstrom & H. R. Varian, *Workouts in Intermediate Microeconomics* (1990). P. Milgrom & J. Roberts, *Economics, Organization and Management* (1992) will also be referred to.

Examination Arrangements: The course is assessed by two, two hour, end of term written exams counting

for 15% each and a three hour, written final exam counting for the remaining 70%.

Mn7403

International Marketing and Market Research

Teacher Responsible: Dr. Celia Phillips, Room S266

Course Intended for B.Sc. Management 3rd year.

Core Syllabus: The course covers the main methods used in Market Research and emphasises applications as part of the Marketing process both in the UK and internationally.

Course Content: The market research industry, data sources, censuses, survey design, sociodemographics, opinion polls, readership and audience research, product research, the measurement of advertising effectiveness. An introduction to attitude and taste measurement, causation, and multivariate analysis.

Pre-Requisites: Students must have already passed SM7005 or SM7203 in Quantitative Methods.

Teaching Arrangements: Lectures: one-hour lectures (Mn104) in the Michaelmas and Lent terms, one-hour classes (Mn104a) in all three terms beginning in the fourth week of the Michaelmas term and ending in the third week of the Summer Term.

Reading List: Main texts are Kinnear & Taylor, *Marketing Research: An Applied Approach* and Peter Chisnall, *Marketing Research*. Further references will be given during the Course. You are also advised to take the Library introduction to PROFILE.

Examination Arrangements:

1. A formal three hour examination - 75%
2. A class presentation - 5%
3. A case study report - 20%

MATHEMATICS

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
MA102	Mathematical Methods Dr. M. Harvey and Dr. J. Davies	46/MLS MA7000
MA103	Introduction to Pure Mathematics Dr. G. Brightwell and Dr. A. Ostaszewski	45/MLS MA7003
MA104	Introductory Mathematics for Management To be announced	20/M ST7005
MA105	Theory of Graphs Professor N. L. Biggs	20/L MA7064
MA106	Mathematics for Management Dr. M. Anthony	20/M MA7203
MA110	Real Analysis Dr. E. Boardman	20/M MA7034
MA111	Complex Analysis Professor S. Alpern	20/L MA7035
MA114	Further Mathematical Methods (Calculus) Dr. A. Ostaszewski	20/M MA7045
MA115	Further Mathematical Methods (Advanced Linear Algebra) To be announced	25/LS MA7044
MA120	Game Theory I Professor S. Alpern	20/M MA7025; MA7026; MA8002
MA121	Game Theory II To be announced	20/L MA7025; MA8003
MA124	Introduction to Topology Dr. M. Anthony	20/M MA7023
MA125	Convexity and Fixed Point Theorems Dr. B. Shepherd	20/L MA7022

Lecture/ Seminar Number		Course Guide Number
MA128	Set Theory (Not available in 1994-95) Dr. A. Ostaszewski	20/M MA7032
MA130	Chaos in Dynamical Systems Professor S. Alpern	20/L MA7028
MA131	Measure, Probability and Integration (Not available in 1994-95) Dr. E. Boardman	45/MLS MA7061
OR132	Combinatorial Optimization Dr. B. Shepherd	18/L OR7067; OR8346
MA133	Discrete Mathematics Dr. G. Brightwell	20/M MA7043
MA134	Complexity Theory Dr. B. Shepherd	20/M MA7065
MA135	Algebraic Structures To be announced	20/LS MA7046
MA136	Control Theory and Calculus of Variations Dr. A. Ostaszewski	20/L MA7047
MA137	Measure and Integration Dr. E. Boardman	12/ML MA7062

Course Guides

MA7000

Mathematical Methods

Teachers Responsible: Dr. J. Davies, Room S466 and Dr. M. Harvey, Room S466

Course Intended Primarily for B.Sc. (Business Maths. and Stats./Act. Sci.), B.Sc. (Econ.), Dip. Stats., Dip. Econ. and suitably qualified graduate students. This course is *not* normally available to Part II students who have previously taken Ec1417 Quantitative Methods for Economists or SM7203 Quantitative Methods.

Core Syllabus: This is an introductory level "how-to-do-it" course for those who wish to use mathematics seriously in social science, or in any other context. A range of basic mathematical concepts and methods in calculus and linear algebra are covered and some applications illustrated. It is an essential pre-requisite for any mathematically orientated economics options and for many further mathematics courses.

Course Content: Matrices, reduced row echelon form, rank. Systems of linear equations, Gauss Jordan elimination. Determinants. Vector spaces, linear independence, basis, dimension. Linear transformations, similarity. Eigenvalues. Diagonalization. Orthogonal diagonalization. Complex numbers.

Vectors. Functions of several variables, derivatives, gradients, tangent hyperplanes. Optimisation including Lagrange's method. Vector-valued functions, derivatives and their manipulation. Inverse functions, local inverses and critical points, use in transformations. Integration, differential and difference equations.

Some applications of the above topics

Pre-Requisites: A knowledge of the elementary techniques of mathematics including calculus as evidenced for example by a good grade in British A-level mathematics. Students without such a background should first take the course **Basic Mathematics for Economists**.

Teaching Arrangements: The lecture course MA102 is 2 hours each week (1 hour of linear algebra and 1 hour of calculus) in the Michaelmas, Lent and early Summer Terms (44 lectures in all). There is 1 class each week (MA102a).

Written Work: Students will be expected to complete exercises assigned weekly in the lectures. Written answers to specified exercises are submitted to the appropriate class teacher for evaluation. Success in this paper depends on dealing with this written work as it is assigned, in a regular and systematic manner.

Reading List: *Calculus* (C.U.P.) by K. G. Binmore. *Elementary Linear Algebra* by Howard Anton.

Reference Texts: *Linear Algebra and its Applications* by G. Strang. *Calculus, One and Several Variables* by S. L. Salas & E. Hille. *Calculus* by R. Larson & R. Hostetle. *Schaum Outline Series: Mathematics for Economists, Linear Algebra, Advanced Calculus, Differential and Integral Calculus*.

Examination Arrangements: The course assessment is based exclusively on a 3 hour formal examination in the Summer Term.

MA7003

Introduction to Pure Mathematics

Teachers Responsible: Dr. G. Brightwell, Room S484 and Dr. A. Ostaszewski, Room S468

Course Intended Primarily for B.Sc. (Business Maths. and Stats.); B.Sc. (Econ.); B.Sc. (Man. Sci.).
Core Syllabus: This is an introduction to the use of formal definitions and proofs in mathematics. The basic results of, for instance, number theory and calculus are presented and rigorously proved.

Course Content: Integers. Sets and Functions. Relations. Groups. Logic. Number systems. Sequences, series and their convergence. Functions and continuity. Differentiation. Integration (if time allows).

Pre-Requisites: A good knowledge of the elementary techniques of calculus as covered in a British "A" Level mathematics subject or in an American freshman calculus course.

Teaching Arrangements: The lecture course MA103 consisting of 2 lectures a week (approximately 45 lectures in all). In addition a weekly class MA103a is given; it is very important that students attend this class.

Written Work: Students are expected to submit written work to the class teacher each week, and this will be discussed in the classes.

Reading List: *Mathematical Analysis, a straightforward approach* by K. G. Binmore. *A First Course in Mathematical Analysis* by J. C. Burkill. *Foundations of Mathematics* by I. Stewart & D. Tall. *Discrete Mathematics* by N. L. Biggs. *Rings, Fields and Groups* by R. B. J. T. Allenby. *Mathematical Analysis, a fundamental and straightforward approach* by David S. G. Stirling. *Fundamentals of Mathematical Analysis* by Rod Haggarty. *Yet another Introduction to Analysis* by Victor Bryant. *Introduction to Real Analysis* by R. G. Bartle & D. R. Sherbert.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term.

ST7005

Introduction to Quantitative Methods

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. Management students without A-level mathematics; B.Sc. Population Studies.

Core Syllabus: This course is intended to provide elementary quantitative skills for students without mathematics or statistics to A-level standard. Students will be introduced to basic mathematical concepts and manipulations and to the basic ideas and formulations of statistics. The presentation will indicate some applications of quantitative methods for management.

Course Content:

(a) MA104 **Introductory Mathematics for Management:** Sets, Mappings and functions. Permutations and combinations, Operations on mappings, Equations, differentiation of functions of one variable, Maximization and minimization of functions, Integration, Matrix algebra.

(b) ST201 **Introductory Statistics for Management:** The Nature of statistics, Descriptive

statistics, Probability, Probability distributions, Functions of two or more random variables, Sampling distributions, Point estimation, Confidence intervals, Hypothesis testing, Simple regression.
Pre-Requisites: None.

Teaching Arrangements:

Lectures MA104: 20 Michaelmas Term.

Classes MA104a: 8 Michaelmas, 2 Lent Term.

Lectures ST201: 20 Lent Term, 3 Summer Term.

Classes ST201a: 10 Lent, 2 Summer Term.

Written Work: Weekly example sheets will be set out and students are expected to submit solutions to the class teacher each week.

Reading List: I. Jacques, *Mathematics for Economics and Business*, Addison Wesley, 1991; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics*, 4th edn., Wiley, New York, 1990.

Examination Arrangements: There will be a 3 hour written examination in the Summer Term. This will contribute 70% of the assessment, 15% each will come from assessment of course work in the Michaelmas and Lent Terms respectively.

MA7022

Convexity and Fixed Point Theorems (Half unit course)

Teacher Responsible: Dr. B. Shepherd, Room S116b

Course Intended Primary for B.Sc. Mathematical Sciences, B.Sc. Econ. and suitably qualified graduate students.

Core Syllabus: This course is an introduction to the ideas from Linear Programming, Convexity and fixed point theorems that have applications to Economics.

Course Content: Convex Sets, extreme points, separating hyperplanes, supporting hyperplanes in \mathbb{R}^n . Linear programming, Farkas' Lemma and the Duality Theorem. Geometric interpretation. (We do not cover computational methods for solving linear programs in this course). Simplices, Sperner's Lemma, Brouwer's fixed point theorem. Set valued mappings. Kakutani's fixed point theorem. Banach's fixed point theorem. Applications. There will be additional lectures for graduate students.

Pre-Requisites: Ideally the course **Real Analysis and Mathematical Methods**. Minimally a basic knowledge, the norm and inner product in \mathbb{R}^n , as covered in the course **Mathematical Methods**, and a familiarity with techniques for formal proofs.

Teaching Arrangements: 20 lectures (MA125) and 10 classes (MA125a) in the Lent Term. There will be 4 extra lectures in the Summer Term for graduate students.

Written Work: Students are expected to submit written solutions to the weekly problem sheets.

Reading List: *Advanced Mathematical Methods* by Adam Ostaszewski; *Methods of Mathematical Economics, Linear and Nonlinear Programming, Fixed Point Theorems* by Joel Franklin; *Convex Structures and Economic Theory* by Hukukane Nikaido.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7023

Topology (Half unit course)

Teacher Responsible: Dr. M. H. G. Anthony, Room S467

Course Intended Primarily for B.Sc. Mathematical Sciences and B.Sc.(Econ) Part II Mathematics and Economics.

Core Syllabus: An introduction to metric spaces and point-set topology.

Course Content: An introduction to "point-set" topology. Metric spaces and topological spaces are defined and properties such as continuity of mappings, compactness, convergence and connectedness are emphasised.

Pre-Requisites: A basic knowledge of Analysis such as contained in the course **Introduction to Pure Mathematics**.

Teaching Arrangements: 20 lectures (MA124) and 10 classes (MA124a) in the Michaelmas Term.

Written Work: Students are expected to submit written solutions to the problems assigned for the classes.

Reading List: *Introduction to Metric and Topological Spaces* by W. Sutherland; *The Theory and Problems of General Topology* by S. Lipschutz.

Examination Arrangements: There is a single 2 hour formal examination in the Summer Term.

MA7025

Game Theory

Teacher Responsible: Professor S. Alpern, Room S485

Course Intended Primarily for B.Sc. Math. Sci.; B.Sc. (Econ.), M.Sc. (Maths.), M.Sc. (Econ.), M.Sc. (Math. Econ. and Econometrics) and other suitably qualified graduate or General Course students.

Core Syllabus: The theory of games and its applications in economics.

Course Content: Part I: Von Neumann and Morgenstern utility theory. Formal games and their classification. Extensive and normal forms. The analysis of zero-sum games, Nash equilibrium and refinements. Nash bargaining solution and the Nash threat game. Bargaining models. Part 2: Concepts and methods of cooperative game theory with application to market games. Non cooperative solution concepts. Dynamic games. Economic applications: industrial organization, auctions, implementation, planning.

Pre-Requisites: A knowledge of mathematics including that covered in **Mathematical Methods** (MA102) possibly including **Further Mathematical Methods** (MA113). For the more advanced economics material, acknowledge of economics as covered in Ec1424 **Microeconomic Principles II**. For the more advanced mathematics material MA124 **Introduction to Topology** and MA126 **Convexity and Fixed Point Theorems** will be useful but not essential. More important than a knowledge of specific techniques is the habit of thinking in the careful way required in mathematics and economic theory. Undergraduates are advised to take the course in their third year rather than their second year.

Teaching Arrangements: The lecture course MA120 **Game Theory I** consisting of 2 lectures a

week in the Michaelmas Term. The lecture course MA121 **Game Theory II** consisting of 2 lectures a week in the Lent Term. Also 25 problem classes MA120a and MA121a are given throughout the year.

Written Work: Weekly problem sets are given. Written answers will be expected by the class teacher on a regular basis and the problems will be discussed in the class.

Reading List: The required text for the first part of the course is *Fun and Games* by Ken Binmore. The book *Game Theory* by D. Fudenberg & J. Tirole, will be extensively (but not exclusively) used in the second part of the course.

Examination Arrangements: Students are normally examined on the basis of a three-hour formal examination in the Summer Term. The examination consists of a Part A based on the first half of the course and a Part B based on the second. Students are required to answer questions from both parts.

MA7026
MA8002

Game Theory I (Half unit course)

Teacher Responsible: Professor S. Alpern, Room S485

Course Intended Primarily for B.Sc. Maths. Sci., B.Sc. (Econ.), M.Sc.(Maths.), M.Sc. (Operational Research), M.Sc. (Econ.), M.Sc. (Math. Econ. and Econometrics) and other suitably qualified graduate or General Course students.

Core Syllabus: The theory of games and its applications in economics.

Course Content: Von Neumann and Morgenstern utility theory. Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Nash equilibrium. Games with incomplete information. Nash bargaining solutions.

Pre-Requisites: Basic knowledge of Matrices as in **Mathematical Methods** (SM102), and some knowledge of probability.

Teaching Arrangements: The lecture course MA120 **Game Theory I** consisting of 2 lectures a week in the Michaelmas Term. Also about 10 problem classes MA120a.

Written Work: Weekly problem sets are given. Written answers will be expected by the class teacher on a regular basis and the problems will be discussed in the class.

Reading List: The text is *Fun and Games* by K. G. Binmore.

Examination Arrangements: Students are normally assessed on the basis of a 2 hour formal examination in the Summer Term.

MA7028

Chaos in Dynamical Systems (Half unit course)

Teacher Responsible: Professor S. Alpern, Room S485

Course Intended Primarily for B.Sc.(Math.Sci.); B.Sc.(Econ.); M.Sc.(Maths).

Core Syllabus: The aim of the course is to provide an introduction to the theory of chaotic behaviour of discrete dynamical systems.

Course Content: One dimensional dynamics: dynamics of the function $f(x) = ax(1-x)$, symbolic dynamics, topological conjugacy, "period three implies chaos" (Sarkovskii's Theorem), Morse-Smale diffeomorphisms of the circle. Higher dimensional dynamics: horse-shoe map, attractors, fixed points of area-preserving homeomorphisms. Applications to economics.

Pre-Requisites: Calculus and Linear Algebra (for example the course **Mathematical Methods**). However, mathematical maturity obtained from additional courses would be useful.

Teaching Arrangements: 20 lectures (MA130) and 10 class (MA130a) in the Lent Term.

Written Work: Weekly exercises will be set and graded.

Reading List: Robert Devaney, *An Introduction to Chaotic Dynamical Systems* (second edition), is the required text. Useful supplementary reading: Collet & Eckman, *Iterated Maps of the Interval as Dynamical Systems*, Birkhäuser; R. Abraham & C. Shaw, *Dynamics: The Geometry of Behaviour*, Aerial Press.

Examination Arrangements: There is a 2 hour formal examination at the end of the Summer Term.

MA7032

Set Theory (Half unit course)

(Not available 1994-95)

Teacher Responsible: Dr. A. Ostaszewski, Room S468

Course Intended Primarily for B.Sc. Mathematical Sciences 2nd or 3rd year; Dip. Logic and Sci. Method; M.Sc. Mathematics.

Core Syllabus: Introduction to formal set theory: the axioms, ordinal and cardinal numbers and their uses.

Course Content: Axiomatic approach to set theory. Sets and classes. Well-orderings. Cardinals and ordinals. The axiom of choice and Zorn's lemma. Infinitary combinatorics (Delta-systems, Diamond, Martin's Axiom).

Pre-Requisites: An understanding of the nature of 'formal' proofs as provided by Ph6209 **Elements of Logic** or/and MA7003 **Introduction to Pure Mathematics**.

Teaching Arrangements: 20 lectures (MA128) and 10 problem classes (MA128a) in the Michaelmas Term. Full notes provided.

Reading List: *Introduction to Set Theory* by R. L. Vaught; *Set Theory* by K. Kuratowski & A. Mostowski.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term, based on the full syllabus for the lecture course.

MA7034

Real Analysis (Half unit course)

Teacher Responsible: Dr. E. Boardman, Room S486

MA7043

Discrete Mathematics (Half unit course)

Teacher Responsible: Dr. G. Brightwell, Room S484

Course Intended Primarily for B.Sc. (Math. Sci.), B.Sc.(Econ.).

Core Syllabus: A course of discrete mathematics intended mainly for second-year students who have previously taken the **Introduction to Pure Mathematics** (MA103) course.

Course Content: Combinations and selections. Inclusion-exclusion. Recurrence relations and generating functions. Graphs. Trees. Paths and cycles. Algorithms. Running times. Sorting.

Pre-Requisites: **Introduction to Pure Mathematics** (MA103).

Teaching Arrangements: 20 lectures (MA133) and 10 classes (MA133a) in the Michaelmas Term.

Written Work: Weekly exercises will be set and marked.

Reading List: *Discrete Mathematics* by N. L. Biggs; *An Introduction to Combinatorics* by A. Slomson; *A First Course in Combinatorial Mathematics* by Ian Anderson; *Introductory Combinatorics* by Kenneth P. Bogart; *Discrete Mathematics* by R. Johnsonbaugh.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7044

Further Mathematical Methods (Linear Algebra) (Half unit course)

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. (Econ.) Part II under the following special subjects: Mathematical Economics & Econometrics 3(b), Statistics I; Mathematics and Economics.

B.Sc. by Course Unit (Unit 550/7020) (Mathematical Sciences/Statistics/Actuarial Science/Management Science) 2nd or 3rd year.

Diploma in Statistics (c) (ii),

M.Sc. preliminary year.

Core Syllabus: This course develops the ideas and results first presented in the algebra part of **Mathematical Methods**.

Course Content: Vector spaces, Wronskian, Inner products, Orthogonality, Geometry of \mathbb{R}^n , Direct Sums, Projections, Least Squares, Spectral Theory, Upper Triangular Form, Triangular Form (Householder's method), Generalized inverses, and Selected Applications of the Theory including an Introduction to games and linear programming. The 'Mathematica' program will be used to illustrate various techniques.

Pre-Requisites: Ideally the course **Mathematical Methods** or equivalent. This entails knowledge of linear algebra so that notions like linear independence, eigenvalue, diagonalisation are already familiar. Students who have taken **Quantitative Methods for Economists** may be permitted to take this course, but only with the permission of the teacher responsible.

Teaching Arrangements: Lecture course consisting

Course Intended Primarily for B.Sc. Mathematical Sciences 2nd year; B.Sc. (Econ.).

Core Syllabus: This is a second level theoretical course in analysis. The aim is to consolidate and extend the students' knowledge of real analysis to the study of functions on \mathbb{R}^n , introducing the basic ideas of topology needed for this purpose.

Course Content: Sequences in \mathbb{R}^n . Bolzano-Weierstrass' Theorem. Cauchy sequences, absolutely convergent series. Completeness. Open and closed sets in \mathbb{R}^n . Properties of continuous functions $f: \mathbb{R}^n \rightarrow \mathbb{R}^m$, pointwise and uniform convergence of sequences of functions. Derivatives of functions $f: \mathbb{R}^n \rightarrow \mathbb{R}^m$. Mean Value inequality. Convex functions. Stationary points and their nature. Introduction to spaces of continuous functions.

Pre-Requisites: Students should previously have attended SM103 **Introduction to Pure Mathematics** or the equivalent. (For an American student an equivalent background would involve at least one course in formal real analysis).

Teaching Arrangements: 20 lectures (MA110) and 10 problem classes (MA110a) in the Michaelmas Term.

Written Work: Written answers to set problems will be expected on a weekly basis.

Reading List: Robert G. Bartle, *The Elements of Real Analysis*; K. G. Binmore, *Mathematical Analysis, a straightforward approach*; J. C. Burkill & H. Burkill, *A Second Course in Mathematical Analysis*; Hugh Thurston, *Intermediate Mathematical Analysis*.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7035

Complex Analysis (Half unit course)

Teacher Responsible: Professor S. Alpern, Room S485

Course Intended Primarily for B.Sc. (Math. Sci.) 2nd year; B.Sc. (Econ.).

Core Syllabus: This is a theoretical course in differentiable complex valued functions of a complex variable.

Course Content: Complex Numbers. Continuity and differentiability of complex functions. Contour integrals and theory leading to Cauchy's Integral Theorem, and theoretical applications. Applications to finding roots of polynomials.

Pre-Requisites: Students should previously have attended MA103 **Introduction to Pure Mathematics** or the equivalent. (For an American student an equivalent background would involve at least one course in formal real analysis).

Teaching Arrangements: 20 lectures (MA111) and 10 classes (MA111a) in the Lent Term.

Written Work: Written answers to set problems will be expected on a weekly basis.

Reading List: H. A. Priestly; *Introduction to Complex Analysis* (required text).

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

of 25 lectures (MA115) accompanied by classes (MA115a).

Written Work: Written answers to set problems will be expected on a regular basis.

Reading List: *Advanced Mathematical Methods* by A. Ostaszewski. *Applied Linear Algebra* by B. Noble. *Matrix Analysis* by R. Bellman.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7045

Further Mathematical Methods (Calculus) (Half unit course)

Teacher Responsible: Dr. A. Ostaszewski, Room S468

Course Intended Primarily for B.Sc. (Econ.) Part II under the following special subjects: Mathematical Economics and Econometrics, Statistics, Mathematics and Economics.

B.Sc. by Course Unit Mathematical Sciences/Actuarial Science/Management Sciences. Diploma in Economics, Diploma in Statistics, M.Sc. Econometrics preliminary year.

Core Syllabus: This is one of two courses which develop the ideas and results first presented in **Mathematical Methods**. This course studies how integrals may be numerically calculated, or transformed by a variety of manipulations, and how they may be applied systematically to the solution of differential equations.

Course Content: Riemann-Stieltjes Lebesgue-Stieltjes integral, manipulation of integrals. Multiple integrals. Convolutions. Laplace Transforms.

Pre-Requisites: Ideally the course **Mathematical Methods** or equivalent. This entails knowledge of intermediate course of calculus giving proficiency in routine differentiation and integration of say rational functions of trigonometric functions. Students who have taken **Quantitative Methods for Economists** may be permitted to take this course, but only with the permission of the teacher responsible.

Teaching Arrangements: 20 lectures (MA114) accompanied by classes (MA114a).

Written Work: Written answers to set problems will be expected on a regular basis.

Reading List: *Advanced Mathematical Methods* by A. Ostaszewski. *Advanced Calculus* by M. R. Spiegel. *Laplace Transforms* by M. R. Spiegel.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7046

Algebraic Structures (Half unit course)

Teacher Responsible: To be announced
Course Intended Primarily for B.Sc. Mathematical Sciences.

Core Syllabus: The aim of this course is to acquaint the student with the basic structures in algebra, their properties and their applications.

Course Content: Review of basic group theory. Groups of permutations. Homomorphisms and

normal subgroups. Structure theorems of group theory. Basic properties of rings and fields. Ideals and ring homomorphisms. Euclidean ring and unique factorisation. Polynomials.

Pre-Requisites: Students should have attended the course **Introduction to Pure Mathematics**.

Teaching Arrangements: 20 lectures (MA135) and 10 classes (MA135a), in the Lent Term.

Written Work: Written answers to set problems will be expected on a weekly basis.

Reading List: R. B. J. T. Allenby, *Rings, Fields and Groups*, Arnold; C. W. Norman, *Undergraduate Algebra, A First Course*, Clarendon Press; N. Jacobson, *Basic Algebra I*, Freeman; J. R. Durbin, *Modern Algebra: An Introduction*, 3rd edn., Wiley.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term based on the full syllabus for the lecture course.

MA7047

Control Theory and Calculus of Variations (Half unit course)

Teacher Responsible: Dr. A. Ostaszewski, Room S468

Course Intended Primarily for B.Sc. Mathematical Sciences, B.Sc.(Econ) Part II, special subject: Mathematics and Economics.

Core Syllabus: A course in optimisation theory using the methods of the Calculus of Variations. No specific knowledge of functional analysis will be assumed and the emphasis will be on examples.

Course Content: Calculus of variations. Euler-Lagrange Equations. Necessary conditions. Maximum Principle. Extremal controls. Transversality conditions. Linear time-invariant state equations. Bang-bang control and switching functions. Feed-back control. Dynamical programming.

Pre-Requisites: The student should have attended a course in Mathematical Methods (ideally **Further Mathematical Methods Calculus**).

Teaching Arrangements: 20 lectures (MA136) and 10 classes (MA136a), in the Lent Term.

Written Work: Written answers to set problems will be expected on a regular basis.

Reading List: G. Leitmann, *Calculus of Variations and Optimal Control*, Plenum; G. Hadley & M. G. Kemp, *Variational Methods in Economics*, North Holland.

Examination Arrangements: There is a 2 hour formal examination paper in the Summer Term.

MA7061

Measure Theory, Probability and Integration

(Not available in 1994-95)

Teacher Responsible: Dr. E. Boardman, Room S486

Course Intended Primarily for B.Sc.(Math.Sci./Stats./Act.Sci.), B.Sc.(Econ.), M.Sc.

(Econometrics & Mathematical Economics), M.Sc.(Maths.).

Core Syllabus: This is a third level course in Mathematics. The aim is to teach Measure Theory and Integration and to introduce the basic notions of Probabilities using the tools of Measure Theory.

Course Content: Sigma fields, measurable spaces, measures, probabilities and their properties. Construction and extensions of measures. Lebesgue measures on \mathbb{R}^n , probability distributions. Measurable functions, random variables and their properties. Integration, Monotone and Dominated Convergence theorems. Expectation of a random variable. Product measures, Fubini's and Tonelli's theorems. The Radon-Nikodym Theorem. Change of variable in the Integral. Conditional probabilities and conditional expectation. Distribution functions, characteristic functions. Convergence in distribution. Skorokhod's representation theorem. Inversion theorem, Continuity theorem. Central limit theorem. Strong Law of large numbers. Martingales and the Martingale Convergence Theorem. Some stochastic processes.

Pre-Requisites: The course presupposes at least one course in formal real analysis together with the knowledge of some naive set theory and the elementary topological properties of \mathbb{R}^n , such as is covered in the course MA7034 **Real Analysis**. Students who have not taken **Real Analysis** should consult the teacher responsible about the suitability of their mathematical background.

Teaching Arrangements: The lecture course MA131 **Measure Theory, Probability and Integration** consisting of some 45 lectures, sessional, associated with which are the weekly problem classes MA131a.

Written Work: Written answers to set problems will be expected on a regular basis. Written work is of particular importance in this course.

Reading List: G. de Barra, *Introduction to Measure Theory*; Robert B. Ash, *Real Analysis and Probability*; G. R. Grimmet & D. R. Stirzaker, *Probability and Random Processes*; P. Billingsley, *Probability and Measure*; H. L. Royden, *Real Analysis*; J. F. C. Kingman & S. J. Taylor, *Introduction to Measure and Probability*; W. Feller, *An Introduction to Probability Theory and its Applications*, Vols. 1 & 2.

Examination Arrangements: There is a formal 3 hour written examination in the Summer Term.

MA7062

Measure and Integration (Half unit course)

Teacher Responsible: Dr. E. Boardman, Room S486

Course Intended Primarily for B.Sc. (Math.Sci./Stats./Act.Sci.); B.Sc. (Econ.).

Core Syllabus: This is a third level course in Mathematics. The aim is to teach Measure Theory and Integration with applications to Probability Theory.

Course Content: Sigma-fields, measurable spaces, measures, probabilities and their properties. Construction and extensions of measures. Lebesgue

measure on \mathbb{R}^n , probability distributions. Measurable functions, random variables and their properties. Integration, Monotone and Dominated Convergence theorems. Expectation of a random variable. Product measures, Fubini's and Tonelli's theorems. The Radon-Nikodym Theorem. Change of variable in the integral.

Pre-Requisites: The course presupposes at least one course in formal real analysis together with the knowledge of some naive set theory and the elementary topological properties of \mathbb{R}^n , such as is covered in the course MA7034 **Real Analysis**. Students who have not taken **Real Analysis** should consult the teacher responsible about their suitability of their mathematical background.

Teaching Arrangements: 20 lectures (MA137) and 10 classes (MA137a) Michaelmas Term extending into Lent Term.

Written Work: Written answers to set problems will be expected on a weekly basis. Written work is of particular importance in this course.

Reading List: G. de Barra, *Introduction to Measure Theory*; H. L. Royden, *Real Analysis*; J. F. C. Kingman & S. J. Taylor, *Introduction to Measure and Probability*; R. B. Ash, *Real Analysis and Probability*; P. Billingsley, *Probability and Measure*.

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

MA7064

Theory of Graphs (Half unit course)

Teacher Responsible: Professor N. Biggs, Room S464

Course Intended Primarily for B.Sc. (Math. Sci.), M.Sc. (Math).

Core Syllabus: An introduction to the theoretical results which form the basis for using graphs and networks in applications.

Course Content: Graph colouring. Brooks' theorem. The five-colour theorem. Chromatic polynomials. Planarity. Connectivity and matchings. Hamiltonian properties. Ramsey Theory. Extremal graph theory.

Pre-Requisites: The definitions of graph, path, cycle, tree, and so on will be assumed known. Students who have not taken **Discrete Mathematics** will be expected to familiarise themselves with these definitions in advance.

Teaching Arrangements: A course of 20 lectures (MA105) in the Lent Term.

Written Work: Regular sets of examples will be distributed to students, and students' work will be collected and marked.

Reading List: *Introduction to Graph Theory* by R. J. Wilson; *Graph Theory with Applications* by J. A. Bondy & U. S. R. Murty.

Examination Arrangements: There is a 2 hour paper taken in the Summer Term.

MA7065

Complexity Theory (Half unit course)

Teacher Responsible: Dr. B. Shepherd, Room S116b

Course Intended Primarily for B.Sc. (Math. Sci.); M.Sc. (Maths.).

Core Syllabus: The aim of the course is to provide an introduction to the theory of algorithmic complexity for problems arising in mathematics and computer science.

Course Content: Algorithms and running time. The time-complexity of a problem. Turing machines and computability. The complexity classes P and NP. Polynomial reducibility and NP-completeness. Cook's Theorem and other examples of NP-complete problems. Examples and applications.

Pre-Requisites: There are no formal pre-requisites, but ideally students should have attended a course such as **Introduction to Pure Mathematics** and should be familiar with the fundamental concepts of discrete mathematics (as presented, for instance, in **Discrete Mathematics**).

Teaching Arrangements: 20 lectures (MA134) and 10 class (MA134a), in the Michaelmas Term.

Written Work: Weekly exercises will be set and marked.

Reading List: H. S. Wilf, *Algorithms and Complexity* (Prentice-Hall); M. Garey & D. S. Johnson, *Computers and Intractability: A guide to the theory of NP-completeness* (Freeman).

Examination Arrangements: There is a 2 hour formal examination in the Summer Term.

OR7067

OR8346

Combinatorial Optimization (Half unit course)

Teacher Responsible: Dr. B. Shepherd, Room S116b

Course Intended Primarily for B.Sc. (Maths.Sci.); B.Sc.

(Man.Sci.); M.Sc. Operational Research; M.Sc. (Maths.).

Core Syllabus: The course is intended as an introduction to discrete and combinatorial techniques for solving optimization problems, mainly involving graphs and networks.

Course Content: Shortest path algorithms in networks, various matching algorithms, the Chinese postman problem, solution techniques for Travelling Salesman and other Combinatorial Optimization problems.

Pre-Requisites: The definitions of graph, path, cycle, tree, and so on will be assumed known. Students who have not taken **Discrete Mathematics**, or OR356 will be expected to familiarise themselves with these definitions in advance, OR354 is desirable but not essential.

Teaching Arrangements: OR132 18 lectures Lent Term, OR132(a) 20 classes Lent and Summer Terms.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the lecturer on a regular basis, and the problems will be discussed in the problem class.

Reading List: Relevant sections from the following texts will provide useful supplementary reading - *Graph Theory: An Algorithmic Approach* by N. Christofids; *Computers and Intractability* by M. R. Garey & D. S. Johnson; *Combinatorial Optimization* by E. Lawler; *The Travelling Salesman Problem* edited by E. L. Lawler, J. K. Lenstra, Rinnooy Kan & D. H. Shmoys; *Optimization* by Nemhauser, Rinnooy Kan & Todd; *Integer and Combinatorial Optimization* by Nemhauser & Wolsey; *Combinatorial Optimization* by C. H. Papdimitiou & K. Steiglitz. As concise reference material for the graph theoretic part of the course R. Wilson's book *Introduction to Graph Theory* should prove useful.

Examination Arrangements: Students will be assessed on the basis of a 2 hour formal examination for undergraduates and a 3 hour formal examination for graduates in the Summer Term.

OPERATIONAL RESEARCH

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
OR239	Behavioural Decision Theory Dr. L. D. Phillips	10/M	ST7216
OR241	Decision Analysis in Practice Dr. L. D. Phillips	10/L	ST7216
OR313	Elements of Management Mathematics Professor J. Rosenhead, Dr. S. Powell, Dr. B. Blight and to be arranged	31/MLS	OR7340
OR314	Operational Research Techniques Professor J. Rosenhead and to be arranged	25/MLS	OR7345
OR315	Mathematical Programming Dr. S. Powell	10/M	OR7345
OR317	Deterministic Model Building in Operational Research Dr. S. Powell	30/ML	OR7347
OR318	Management Sciences Seminar Dr. S. Powell		
ST320	Applied Management Sciences Dr. C. Phillips	25/MLS	OR7360

ST7336

Simulation Modelling and Analysis (Half Unit Course)

Teacher Responsible: Mr. D. W. Balmer, Room S208

Course Intended Primarily for B.Sc. (Actuarial Science) 3rd Year; B.Sc. (Statistics) 3rd Year.

Core Syllabus: The aim of the course is to introduce students to the concepts, techniques and practical aspects of the development and analysis of simulation models.

Course Content: Model formulation, diagramming techniques including activity cycle diagrams, computer systems for simulation modelling, random number generation, design of simulation experiments, variance reduction, analysis of output.

Pre-Requisites: Some experience of elementary statistics is useful as is some limited experience of computer programming.

Teaching Arrangements: ST245: 30 Michaelmas Term or Lent Term. The teaching will emphasise practical aspects of simulation modelling and will require active participation of students at most sessions.

Reading List: A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; M. Pidd, *Computer Simulation in Management Science*; R. Paul & D. W. Balmer, *Simulation Modelling*.

Examination Arrangements: The course is examined entirely on the basis of course work and a project involving the development, implementation and analysis of a simulation model.

OR7340

Elements of Management Mathematics

Teacher Responsible: Professor J. Rosenhead, Room S114

Course Intended Primarily for B.Sc. (Econ.) Part II - in particular special subjects Accounting and Finance, Industry and Trade, 2nd or 3rd year; Diplomas in Accounting and Finance, Business Studies, Economics.

Core Syllabus: The course is intended to give an elementary introduction to the formal techniques of operational research, an approach to the structuring and solution of managerial problems in large or complex organisations in business, industry and government. The techniques themselves are mathematical in nature, though only a basic knowledge of mathematics will be assumed; however a number of the techniques use probabilistic concepts, and the course therefore also includes an introduction to probability theory.

Course Content: Elements of Probability: Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions.

Elements of Management Mathematics: Students will be introduced to methodological aspects of operational research, as well as some case studies of prac-

tical applications. Techniques treated include critical path analysis, scheduling, theory of games, linear programming, decision analysis, dynamic programming, replacement. Markov chains, queues, computer simulation and stock control.

Pre-Requisites: Students will need a basic fluency in mathematical manipulations and statistical concepts such as is provided by **Introduction to Quantitative Methods**. For students who have already taken **Quantitative Methods, Elements of Management Mathematics** will be very restrictive mathematically. They should instead take **Operational Research Methods**, where a rather fuller mathematical vocabulary permits the same techniques to be covered in greater depth.

Teaching Arrangements: There are two components of the course, each accompanied by a class. They cover the two subdivisions of the syllabus listed above:

Lectures: OR313(i) **Elements of Probability** 6 Michaelmas Term OR313(ii) **Elements of Management Mathematics** 24 Michaelmas and Lent Terms

OR313(iii) Revision session, 1 Summer Term
Classes: OR313(a) 18 Michaelmas Term, 10 Lent Term, 4 Summer Term.

Full lecture notes are provided for both components of the course. Exercises are distributed in each lecture, which are discussed in the following weekly class.

Reading List: Recommended books:

For OR313(i) One of: D. R. Anderson, D. J. Sweeney & T. A. Williams, *An Introduction to Management Science* (West); L. Lapin, *Management Science for Business Decisions* (Harcourt Brace Jovanovich); S. French, R. Hartley, L. C. Thomas & D. J. White, *Operational Research Techniques* (Arnold); C. D. J. Waters, *A Practical Introduction to Management Science* (Addison Wesley); J. Rosenhead (Ed.), *Rational Analysis for a Problematic World* (Wiley).

For OR313(ii) One of: M. Arthurs, *Probability Theory* (Routledge Kegan Paul); L. Lapin, *Statistics for Modern Business Decisions* (Harcourt Brace Jovanovich); T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics* (Wiley).

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term. The paper is divided into sections; the first (normally containing two questions) covers the material in OR313(ii) on methodology and applications, the second section (normally two questions) covers OR313(i), while the third section (normally seven questions) covers the mathematical techniques content of OR313(ii). Students are expected to attempt five questions, of which one must be from the first section, and at most one can be from the second section. Copies of previous years' papers are available.

OR7345

Operational Research Methods

Teacher Responsible: Dr. Susan Powell, Room S117c

Course Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year
B.Sc. (Maths./Stats./Comp./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) Accounting and Finance

B.Sc. (Economics) Statistics

B.Sc. Management

Diploma in Statistics

Core Syllabus: The course gives an introduction to all the main theoretical techniques of Operational Research.

Comment: It is possible to take a further paper **Model Building in Operational Research** which extends the Mathematical Programming component of **O.R. Methods** as well as covering Simulation in some detail.

Course Content: Students will be introduced to some methodological aspects of operational research, as well as gaining a grounding in some of the main O.R. techniques, including: Critical Path Analysis, Production, Scheduling, Markov Chains, Queueing Theory, Replacement, Simulation, Stock Control, Dynamic Programming, Decision Theory, Theory of Games, Mathematical Programming.

Pre-Requisites: Mathematics, Statistics and Probability Theory to the level of the course **Quantitative Methods**. In particular, students should have covered elementary distribution theory and the Poisson Process, and have a knowledge of linear algebra sufficient to handle matrix inversion and manipulation of partitioned vectors and matrices. It is NOT necessary to have any previous experience of computers, and no computer programming will be required, although students must be prepared to use computer packages when required.

Teaching Arrangements:

OR314 25 Sessional; OR314(a) 24 Sessional.

OR315 10 Michaelmas Term; OR315(a) 12 Michaelmas and Lent Term and three revision classes in the Summer Term.

OR314 **Operational Research Techniques.** This covers the whole foregoing syllabus except Mathematical Programming. Very full lecture notes are provided, and every week a set of problems in given out in the lecture. These are discussed in the following weekly class (OR314a). Most class teachers are part-time.

OR315 **Mathematical Programming.** Linear programming: starting from the most basic introduction up to sufficient conditions for optimality; duality; sensitivity of the solution; discovery of the solution to small problems by graphical methods, and proof of optimality by testing the sufficient conditions; solution to larger problems by using a computer package. Unimodular linear programming (transportation): properties of solution, connection with graph theory, an algorithm for hand computation. Very full lecture notes are provided, and every week a set of problems is given out in the lecture. These are discussed in the following weekly class (OR315a). Most class teachers are part-time.

Reading List: Recommended books are H. G. Daellenbach, J. A. George & D. C. McNickle, *Introduction to Operations Research Techniques* (Allyn & Bacon); A. Ravindran, D.T. Philips & J. J. Solberg, *Operations Research*, H. P. Williams, *Model Building in Mathematical Programming* (Wiley, available in paperback); H. P. Williams, *Model Solving in Mathematical Programming* (Wiley,

available in paperback).

Students may also wish to consult

R. L. Ackoff & M. W. Sasieni, *Fundamentals of Operations Research*; G. Hadley, *Linear Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; E. Page, *Queueing Theory in O.R.*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term, covering the full syllabus for both lecture courses. The paper usually contains 12 questions, of which five must be attempted. Nine of the questions are on OR314 and three on OR315: at least one of these last three must be attempted and one question only on Methodology, from OR314, must be answered. It is important to attempt five questions: only the best five answers will be used for assessment, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available.

OR7347

Model Building in Operational Research

Teacher Responsible: Dr. S. Powell, Room S117c

Course Intended Primarily for

B.Sc. (Management Sciences) 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 3rd year

Core Syllabus: The aim of the course is to build on the introduction to Operational Research given in the course **O. R. Methods**, and to give experience in constructing and developing O. R. Models at a level simplified from that encountered in actual operations in terms of size and the problems of data collection, but similar in terms of complexity and realism.

Course Content:

ST245 **Simulation Modelling and Analysis:** Model formulation, diagramming techniques including activity cycle diagrams, computer systems for simulation modelling, random number generation, design of simulation experiments, variance reduction, analysis of output.

OR317 **Deterministic Model Building in Operational Research:** Mathematical programming: extending the mathematical programming of the course **O. R. Methods** by developing further integer programming and introducing quadratic programming. The emphasis is on large scale models, necessitating the use of a matrix generator. Spreadsheets, integration and comparison of models and modelling approaches.

Pre-Requisites: **Operational Research Methods.** (For third year students who have not taken **O. R. Methods** in their second year, and for Diploma students, **O. R. Methods** may be a co-requisite, taken in the same year).

Teaching Arrangements:

ST245 30 Michaelmas and Lent Terms.

OR317 30 Michaelmas and Lent Terms.

Full lecture notes are provided for OR317.

Reading List: R. Paul & D. W. Balmer, *Simulation Modelling*; A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; M. Pidd, *Computer Simulation in Management Science*; K. D. Tocher, *The Art of Simulation*; H. P. Williams, *Model Building and Mathematical Programming*.

Examination Arrangements: The course is examined entirely by course work and projects. The course is assessed as follows: 45% for a report on the simulation project, 40% for the mathematical programming project which is a computer based project, and 15% for a spreadsheet project.

OR7360

Applied Management Sciences

Teacher Responsible: Dr. S. Powell, Room S117c
Course Intended Primarily for B.Sc. (Management Sciences).

Core Syllabus: The student will carry out and report upon a substantial practical piece of operational research or marketing research.

Course Content: As above

Comment: Any student intending to offer this course unit in the third year should contact Dr. Powell before the end of the Summer Term of his or her second year.

Pre-Requisites: The student must be in his or her final year of B.Sc. (Management Sciences) and must have taken, or be concurrently taking, the course **Model Building in Operational Research** OR7347 and/or the course **Marketing and Market Research** ST7231.

Teaching Arrangements: The student will be assigned to Professor M. Shutler (for **Model Building in Operational Research** students) and Dr. C. Phillips (for **Marketing and Market Research** students) who will continuously monitor the progress and give tutorial guidance as required. Students assigned to Dr. C. Phillips attend ST320.

ST320 25 sessional.

Reading List: J. Mitchell, *How to Write Reports*, Fontana; B. M. Cooper, *Writing Technical Reports*, Pelican; Sir Ernest Gowers, *The Complete Plain Words*, Pelican.

Examination Arrangements: Assessment is based entirely on the report which should be submitted to the supervisors by the end of the fourth week of the Summer Term.

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

This section is in two parts. The first part lists the lectures and seminars given by the Department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
Ph100	Problems of Philosophy and Methodology Dr. J. Worrall	20/ML	Ph5211
Ph101	Philosophical Problems in the Social Sciences Dr. T. Uebel	10/M	Ph5320; Ph5251
Ph102	Scientific Method Dr. P. Urbach and Dr. J. Worrall	20/ML	Ph5231
Ph103	Social Philosophy Professor D.-H. Ruben, Dr. C. Audard and Sir S. Hampshire	20/ML	Ph5212
Ph104	More Philosophical Problems in the Social Sciences Professor D.-H. Ruben and Dr. H. Cronin	10/L	Ph5251
Ph105	Philosophy of Economics Professor N. Cartwright and Professor K. Roberts	16/ML	Ph5320
Ph106	History of Modern Philosophy: Bacon to Kant (Not available 1995-96) Dr. E. Zahar	40/ML	Ph5300
Ph109	Rise of Modern Science (Not available 1995-96) Dr. J. Worrall and Dr. E. Zahar	20/ML	Ph5240
Ph110	Advanced Social Philosophy Dr. D. Lloyd-Thomas (King's College) and Dr. J. Wolff (University College)	40/ML	Ph5253
Ph111	Greek Philosophy Professor R. Sorabji (King's College)	24/MLS	Ph5252

Lecture/ Seminar Number			Course Guide Number
Ph112	Logic Dr. C. Howson	40/ML	Ph5203
Ph113	Rise of Modern Science: Darwinism (Not available 1995-96) Dr. H. Cronin	5/L	Ph5240
Ph114	Further Logic Dr. M. Machover (King's College)	32/ML	Ph5224; Ph6211
Ph116	Philosophy of Mathematics Dr. K. Hossack (King's College) and Dr. J. Worrall	30/ML	Ph5315
Ph118	Nineteenth Century Continental Philosophy (Not available 1994-95) Mr. D. Murray (Birkbeck College)	20/ML	Ph5254
Ph119	Phenomenology (Not available 1995-96) Dr. R. Heinaman (University College) and others	25/ML	Ph5255
Ph125	Philosophical Logic & Metaphysics	48/MLS	Ph5310
Ph212	Frege & Russell (Not available 1994-95)	20/ML	Ph5256

Course Guides

Ph5203
Ph6209

Logic

Teacher Responsible: Dr. C. Howson, Room A209
Course Intended Primarily for B.A./B.Sc. c.u. Phil.; B.Sc. (Econ.) Parts I and II; M.Sc. and Dip. Philosophy of Social Science; M.Sc. Philosophy & History of Science. Other students may take this course as permitted by their degree regulations.

Core Syllabus: The formalisation of deductive arguments within propositional and predicate languages and the use of the popular tree method to evaluate validity. General considerations on the scope of formal logic.

Course Content: Propositional languages and truth-functions. Propositional trees, and their completeness. First-order logic and full first-order trees, and their completeness. The theory of identity.

Pre-Requisites: None.

Teaching Arrangements: Two one-hour lectures (Ph112) weekly during Michaelmas and Lent, combined with one one-hour class weekly. Additional tutorials to be arranged for Ph6209.

Written Work: Written answers to problems will be set on a weekly basis.

Reading List: A comprehensive set of lecture notes will be made available at the beginning of the Michaelmas term. Auxiliary text: R. C. Jeffrey, *Formal Logic: Its Scope and Limits*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

i. Problems of knowledge ("epistemology"): Do we have innate knowledge of the world or is all our knowledge based on observation? Do our observations give us knowledge of the world "as it really is"? How are general conclusions drawn from finite evidence (the *problem of induction*)?

ii. Problems of metaphysics: The general problem of change (How can something change and yet "remain the same thing"?); and the specific problem of *personal identity* (What does it take for something to be the same person at two different times? Freewill and determinism (Can we develop a coherent notion of human free will that is consistent with what science tells us about the world and ourselves?)

III. Methodological Problems

i. Scientific theories: How are theories tested in science? What follows if a theory fails a test? What follows if it passes all tests?

ii. Theories in the social sciences: Can we expect to have deterministic theories in the social sciences? What other sorts of theories are there and how are they tested?

Reading and course material: Each problem dealt with will be outlined on a handout which will also specify required readings (journal articles and selections from books, available in xerox copies), further readings and study questions.

Written work: Students will be expected to write at least two essays per term and to give class papers.

Examination arrangements: A three-hour formal examination in the Summer Term.

Ph5212

Social Philosophy

Teacher Responsible: Professor D.-H. Ruben, Room A208

Course Intended Primarily for B.A./B.Sc. c.u. Philosophy, B.Sc. (Econ.) Parts I and II. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: The main areas of normative philosophy, viz., ethics or moral philosophy and political philosophy.

Course Content: Methodology in moral philosophy. The foundations of ethics, naturalism and non-naturalism. Facts and values. Types of ethical theories: consequentialism and deontology. Act and rule utilitarianism. Theories in modern political philosophy from Hegel to the present day, with special attention to Marx and Mill. Justice as fairness; Liberals and Communitarians.

Pre-Requisites: None

Teaching Arrangements: 20 lectures (Professor D.-H. Ruben, Dr. C. Audard, Sir S. Hampshire, Ph103, ML) and a weekly class (Ph103a ML).

Written Work: Students will be expected to write at least two essays per term and to give class papers.

Reading List: Kant, *Grounding for the Metaphysics of Morals*; J. S. Mill, *Utilitarianism*; Philippa Foot (Ed.), *Theories of Ethics*; Hegel, *Philosophy of Right*; Marx, *The Communist Manifesto*; J. S. Mill, *On Liberty*; S. Hampshire, *Innocence and Experience*; J. Rawls, *A Theory of Justice*; Mulhall & Swift, *Liberals and Communitarians*; Jonathan

Ph5211

Problems of Philosophy and Methodology

Teacher Responsible: Dr. J. Worrall, Room A212
Course Intended Primarily for B.A./B.Sc. c.u. Phil.; B.Sc. (Econ.) Parts I and II. Other students may take this course as permitted by their degree regulations.

Core Syllabus: A critical introduction to some of the central problems of modern western philosophy.

Course Content:**I. Introductory problems**

(This part of the course does not go into any problems in great detail, but selects a few, unrelated problems to indicate the scope of philosophical and methodological issues, and the sorts of logical and philosophical techniques that are used in dealing with them.)

i. Infinity: can we make sense of infinity?

ii. The status of morality: are there objective moral facts?

iii. Scepticism about the external world: Do you know *for sure* that there is a world external to your consciousness?

iv. Methodological problems concerning *causes*: General problems about drawing conclusions from data and the specific issue of whether we can ever legitimately draw causal conclusions (e.g. cigarette smoking causes cancer) from statistical data.

II. Philosophical Problems

Glover, *Utilitarianism and its Critics*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5224

Further Logic

Teacher Responsible: Dr. M. Machover, King's College

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats. and Computing; B.A./B.Sc. c.u. Philosophy.

Core Syllabus: A second course in deductive logic giving detailed proofs of the fundamental meta-theorems concerning the power and limitations of formal theories based on first-order logic; and a detailed analysis of the general notion of a computation or algorithm.

Course Content: Register machines and the general idea of computability. Diagonalization and the halting problem. Propositional logic; its decidability. The propositional calculus; its soundness and completeness. First-order languages; their (Tarskian) semantics. The first-order predicate calculus; its soundness; the Gödel-Henkin completeness theorem; compactness; the Löwenheim-Skolem theorem; Skolem's paradox. Computers; recursive functions and relations; recursively enumerable relations. Church's thesis. The MRDP theorem (every r.e. relation is diophantine) stated without proof. Formal first-order theories of arithmetic. Non-categoricity of complete first-order arithmetic. Code-numbering. Tarski's theorem.

Pre-Requisites: Elements of Logic (Ph5203) or a similar first course in deductive (symbolic) logic, including propositional and predicate logic. Some knowledge of set theory is desirable: this can be obtained either during the course or by Dr. Machover's course **Set Theory**, given in the preceding year.

Teaching Arrangements: A course of about 32 lectures, Ph114, ML. An associated series of about 16 classes. M.Sc. students will attend about 16 additional tutorial sessions. Some logic teaching computer programs will be made available to students as back-up to the main teaching.

Written Work: Written answers to set problems will be expected on a regular basis.

Recommended Reading: The text for the course is J. L. Bell & M. Machover, *A Course in Mathematical Logic*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5231

Scientific Method

Teacher Responsible: Dr. P. Urbach, Room A286
Course Intended Primarily for B.Sc. (Econ.), Part II; B.A./B.Sc. c.u. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: The principles of inductive reasoning

and scientific method and some issues in the metaphysics of science.

Course Content: (Dr. Urbach) The problem of induction; objective and subjective approaches of science; The approaches of Popper, Kuhn, and Lakatos; evaluating scientific theories according to their probabilities; the Dutch Book Argument; an examination of the foundation of significance tests. (Dr. Worrall) *Realism and theory change in science* (3 lectures). Realist and instrumentalist/pragmatist views of scientific theories. Is science cumulative? The failure of attempts to define approximate truth. *The status of methodological criteria* (2 lectures) Are methodological criteria *a priori* principles or substantive corrigible parts of science? *Causation and causal reasoning in science* (3 lectures).

Different notions of cause. Causes and correlations. Why it is important to discover causal structure. The "principle of the common cause". Are inferences from data to causes bound to be theory-dependent?

Pre-Requisites: None.

Teaching Arrangements: 20 lectures, Ph102, ML, and 20 classes, Ph102a, ML.

Written Work: Students will be expected to write at least two essays per term and to give class papers.

Reading List: C. Howson & P. Urbach, *Scientific Reasoning: The Bayesian Approach*; *Criticism & the Growth of Knowledge* (Eds. A. Musgrave & I. Lakatos.) 'On Induction', in B. Russell, *Problems of Philosophy*; J. Leplin (Ed.): *Scientific Realism*. T. S. Kuhn: *The Structure of Scientific Revolutions*. and L. Laudan: *Science and Values*; Ellery Eells, *Probabilistic Causation*. Handouts suggesting further reading and including study questions will also be distributed in some of the lectures.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5240

Rise of Modern Science

(Not available 1995-96)

Teacher Responsible: Dr. J. Worrall, Room A212
Course Intended Primarily for B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: Selected topics from the history of modern science with special emphasis on scientific revolutions (the scientific revolution of the 16th and 17th centuries, and the Darwinian revolution of the 19th).

Course content for Ph109:

(1) The scientific revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton. Special emphasis is placed on historical topics of philosophical and methodological interest: was the switch from a geocentric to a heliocentric astronomy made for objective reasons? if so, *which* reasons? What role was played by metaphysical considerations in Kepler's work and what role by Tycho's accurate planetary data? What role was played by real experiments in Galileo's work and what role by thought experiments? was Newton's system a "synthesis" of Kepler's and Galileo's laws? If so, how can we account for the strict inconsistency

of Newton's theory and those laws?

(2) Theories of light from the scientific revolution to the mid-nineteenth century. Again the emphasis is on historical topics of philosophical and methodological interest. The disputes between Newton and Hooke and between Newton and Huygens over the nature of light. Did Newton have good reasons for holding a particulate theory of light? Is the luminiferous aether an example of a once successful theoretical notion that science itself later told us does not in fact exist? What does this tell us about the role of theoretical notions in science and about the idea that successful scientific theories are at least approximately true?

Course content for Ph113: The Darwinian revolution:

1. The problems of adaptation and diversity, how Darwinism solves them; why rival theories fail.

2. Nineteenth-century Darwinism and the revolution of recent decades.

3. The problem of altruism; modern solutions; and past confusions.

4. Sexual selection - why males are often ornamental and promiscuous whereas females are drab and discriminating; the century-long neglect of Darwin's solution; current views.

5. Humans as Darwinian animals; what can natural selection explain about us?

Pre-Requisites: Ph109: Some acquaintance with the Calculus would help towards an understanding of the course, but is not necessary.

Ph113: None.

Teaching Arrangements: There are two courses of lectures: Ph109, 20 lectures, ML (Dr. E. Zahar and Dr. J. Worrall) and Ph113, 5 lectures (Dr. H. Cronin); and a class Ph109a, 20 meetings ML.

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List For Ph109: T. S. Kuhn, *The Copernican Revolution*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burt, *The Metaphysical Foundations of Modern Physical Science*; A. Koestler, *The Sleepwalkers*; Galileo, *Dialogue Concerning the Two Chief World Systems*; A. Koyré, *The Astronomical Revolution*; A. Koyré, *Galileo Studies*; E. Zahar, *Einstein's Revolution: A Study in Heuristic*; A. I. Sabra, *Theories of Light from Descartes to Newton*; D. Gooding, S. Schaffer & S. Shapin (Eds.), *Uses of Experiment*; C. Wade Savage (Ed.), *Scientific Theories*.

For Ph113: Peter Bowler, *Evolution: The History of an Idea* chs. 1, 7, 9; Charles Darwin, *On the Origin of Species*, 1st edn., chs. 3, 4, 6, 7, 13, 14 (or 6th edn., chs. 3, 4, 6, 7, 8, 14, 15); Richard Dawkins, *The Blind Watchmaker*; John Maynard Smith, *On Evolution*, chs. 1, 2, 6, 7; Michael Ruse, *The Darwinian Revolution*; Helena Cronin, *The Ant and the Peacock*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5251

Philosophy of the Social Sciences

Teacher Responsible: Dr. T. Uebel, Room A211

Course Intended Primarily for B.A./B.Sc. c.u.

Phil.; B.Sc. (Econ.) Part II Special Subject Philosophy 2nd or 3rd year; B.Sc. c.u. 2nd or 3rd year.

Core Syllabus: Some central philosophical questions that arise out of the social sciences.

Course Content: Michaelmas Term: The nature and alleged limits of explanation in the social sciences: naturalism, interpretivism, critical theory. The problem of value-freedom and ideology. The issue of relativism and objectivity. The topic of methodological individualism.

Lent Term: Problems in understanding social action. What makes an action a social action? What is an action? Can actions have causal explanations? Are there, or can there be, natural laws about actions? Egoism v. altruism. Free action. On what Darwinian theory can tell us about ourselves.

Teaching Arrangements: There are two lecture courses and two associated series of classes: **Philosophical Problems in the Social Sciences** (Michaelmas, 10 lectures, Ph101, Dr. Uebel, and 10 classes, Ph101a); and **More Philosophical Problems in the Social Sciences** (Lent, 7 lectures, Ph104, Professor Ruben, and 3 lectures, Dr. Cronin; also 10 classes, Ph104a).

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List: D. Little, *Varieties of Social Explanation*; A. Ryan (Ed.), *Philosophy of Social Explanation*; P. Winch, *The Idea of a Social Science*; T. Habermas, "Knowledge and Human Interests" in Habermas, *Knowledge and Human Interests*; M. Weber, "The Meaning of Ethical Neutrality in Economics and Sociology" in Weber, *Methodology of the Social Sciences*; M. Hollis & S. Lukes (Eds.), *Rationality and Relativism*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5252

Greek Philosophy

Teachers Responsible: Professor R. Sorabji and Dr. M. M. MacKenzie (King's College)

Course Intended Primarily for B.A./B.Sc. c. u. Philosophy, B.Sc. (Econ.) Part II Special Subject Philosophy.

Core Syllabus: The Presocratics, Plato and Aristotle.
Course Content: The lectures (Ph111) will discuss philosophical topics, but to appreciate these you need to read a good proportion of the main texts. Greek ethics, aesthetics and politics are not taught as a part of this course.

Presocratics: Fragments of the Pythagoreans, Heraclitus, Parmenides, Zeno, Melissus, Empedocles, Anaxagoras, Democritus, the Sophists, as translated in Jonathan Barnes *The Presocratic Philosophers*, or Kirk, Raven and Schofield *The Presocratic Philosophers*.

Plato: *Meno*, *Phaedo*, *Symposium*, *Republic*, *Phaedrus*, *Timaeus*, *Parmenides*, *Theaetetus*, *Sophist*, *Philebus*, in E. Hamilton & H. Cairns, Eds., *Plato: Collected Dialogues*.*

Aristotle: *Physics* Books 2, 4, 6, 8; *On the Soul*; *Metaphysics* Books 7 and 12 (chapters 6 to 10);

Posterior Analytics Book 1 (chapters 1 to 10) and Book 2, in the Random House. *Oxford translation as excerpted by R. McKeon *The Basic Works of Aristotle*, or the abridged J. L. Ackrill, *An Aristotle Reader*, Oxford University Press, or (more expensive) in the revised version of the Oxford translation, Ed. J. Barnes, *The Works of Aristotle*, 2 vols, Oxford University Press. *The Categories* and *De Interpretatione* (chapter 9) should be read in the translation of J. L. Ackrill.

Pre-Requisites: None.

Teaching Arrangements: A two-year course (Ph111), beginning in the 2nd year. Lectures (IC6) Wednesdays at 11.00, at Birkbeck College, with optional discussion at 12.00. Students should buy the three texts asterisked above, so as to have constant access to the translation, which need to be read and, if possible, brought to the relevant lectures. There is a weekly class, Ph111a, attached to these lectures at King's College.

Reading List: G. E. L. Owen, *Logic Sciences and Dialectic*; Richard Sorabji, *Necessity, Cause and Blame*; Time, *Creation and the Continuum*; Matter, *Space and Motion*. Separate reading lists are available on the Pre-socratics, Plato and Aristotle.

Examination Arrangements: Three-hour examination in 3rd year, answering three questions or, three essays of not more than 2,500 words each, pre-submitted by the prescribed date.

Ph5253

Advanced Social Philosophy

Teachers Responsible: Mr. D. Lloyd-Thomas (KCL) and Mr. J. Wolff (UCL)

Course Primarily Intended for B.A./B.Sc. c. u. Philosophy; B.Sc. (Econ.) Part II Special Subject Philosophy.

Core Syllabus: An advanced discussion of selected texts in the history of moral and political philosophy; problems and topics in contemporary normative philosophy, including their relation to central metaphysical and normative disputes.

Course Content: The ethical theories of Plato, Aristotle, Hume, Mill and Kant. Realism and anti-realism in moral philosophy. Theories of virtue and the good life. Autonomy and ethics. Moral psychology. Self-interest and contractarianism. Consequentialism and deontology. The possibility of objectivism in morals; the metaphysics of value. Issues in moral psychology; weakness of the will. The political philosophies of Plato, Aristotle, Hobbes, Rousseau, Locke, Smith, Kant, Hegel, Mill and Marx. The State; Power and Authority; the Market and Justice; Liberalism and Communitarian arguments about the Good; Conservatism and Socialism; the Nature of Property Rights.

Pre-Requisites: Ph5212.

Teaching Arrangements: The teaching for this course is by intercollegiate philosophy lectures (Ph110, IC8) **Ethics** (20 lectures, ML), Thursdays, 10.00 a.m.; (IC9) **Political Philosophy** (20 lectures, ML, Thursdays, 11.00 a.m.). These lecture courses are given for students taking the BA London federal philosophy degree over a two year period; LSE stu-

dents attend the two sets of lectures for one year only, and are examined by a single LSE paper reflecting their year's work. The specific course content therefore varies in alternative years; the descriptions above reflect the lectures' contents over the two year cycle.

There is also a class (Ph110a), given at the School, attached to these lectures.

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List: Plato, *Gorgias*; *The Republic*; Aristotle, *The Nichomachean Ethics*; Hobbes, *Leviathan*; Rousseau, *The Social Contract*; Locke, *Two Treatises of Government*; Hume, *Treatise*; Book III, *Essays*; Kant, *The Metaphysical Elements of Justice*; *Perpetual Peace*; Hegel, *The Philosophy of Right*; Mill, *On Liberty*; *Representative Government*; *Essay on Bentham*. A number of contemporary books and articles will also be recommended.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5254

Nineteenth Century Continental Philosophy

(Not available 1994-95)

Teacher Responsible: Dr. C. Janaway, Birkbeck College

Course Intended Primarily for B.A./B.Sc. course unit philosophy and B.Sc. (Econ.) Special Subject Philosophy. This paper may not be combined with Ph5255, Phenomenology.

Core Syllabus: The philosophies of Hegel, Schopenhauer, and Nietzsche.

Course Content:

(a)Hegel (10 lectures). The philosophy of Hegel, with reference to *The Phenomenology of Spirit*.

(b)Schopenhauer (5 lectures). The central doctrines of Schopenhauer's metaphysics, epistemology, aesthetics, and ethics, with particular reference to *The World as Will and Representation*.

(c)Nietzsche (5 lectures). Among the texts studied will be *The Birth of Tragedy*, *Beyond Good and Evil*, and *The Genealogy of Morals*. Points of contact with Schopenhauer's philosophy will be one issue considered.

Teaching Arrangements: This is an intercollegiate course and is only offered in alternate years. There are 25 lectures (Ph118, IC14) (M L) given at Birkbeck College at 6.00-7.30 p.m., Thursdays. An associated class, Ph118a, is offered at the School.

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List: G. W. F. Hegel, *The Science of Logic*; M. J. Inwood, *Hegel*; Charles Taylor, *Hegel*; M. Rosen, *Hegel's Dialectic and Its Criticism*; D. W. Hamlyn, *Schopenhauer*; C. Janaway, *Self and World in Schopenhauer's Philosophy*; A. Danto, *Nietzsche as Philosopher*; A. Nehamas, *Nietzsche: Life As Literature*; R. Schach, *Nietzsche*. Also the works mentioned in the Course Content.

Examination Arrangements: A three-hour written exam in the Summer Term.

Ph5255

Phenomenology

(Not available 1995-96)

Teacher Responsible: Dr. C. Janaway, Birkbeck College

Course Intended Primarily for B.A./B.Sc. c. u. Philosophy and B.Sc. (Econ.) Special Subject Philosophy. This paper may not be combined with Ph5254, Nineteenth Century Continental Philosophy.

Core Syllabus: The course covers the tradition of Continental phenomenology.

Course Content:

(a)Brentano and Husserl. (10 lectures). Brentano's *Psychology from an Empirical Standpoint*. Husserl's foundation of phenomenological philosophy.

(b)Heidegger (5 lectures), with reference to *Being and Time*.

(c)Sartre (5 lectures), with reference to *Being and Nothingness*.

(d)Merleau-Ponty (5 lectures), with reference to *Phenomenology of Perception*.

Teaching Arrangements: This is an intercollegiate course and is only offered in alternative years. There are 25 lectures (Ph119, IC14) (MLS) given at Birkbeck College at 6.00-7.30 p.m., Thursdays. An associated class, Ph119a, is offered at the School.

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List: Franz Brentano, *Our Knowledge of Right and Wrong*; R. Chisholm, *Brentano and Meinong Studies*; E. Husserl, *Ideas Pertaining to a Pure Phenomenology and to a Phenomenological Philosophy*, *The Idea of Phenomenology*, *Cartesian Meditations*, *The Phenomenology of Internal Time Consciousness*; David Bell, *Husserl*; L. Kolakowski, *Husserl and the Search for Certitude*; P. Caws, *Sartre*; P. A. Schilpp (Ed.), *The Philosophy of Jean-Paul Sartre*; M. Merleau-Ponty, *Eye and Mind*. Also the works mentioned in the Course Content.

Examination Arrangements: A three-hour written exam in the Summer Term.

Ph5256

Frege and Russell

(Not available 1994-95 and 1996-97)

Teacher responsible: Dr. J. Valberg (University College London)

Course Intended Primarily for B.A./B.Sc. c. u. Phil.; B.Sc. (Econ.) Special Subject Philosophy.

Course Content: The central philosophical and logical concepts of Frege and Russell.

Pre-Requisites: An introductory logic course and some knowledge of elementary set theory would be an advantage.

Teaching Arrangements: Students attend the first year (1995-96) of the intercollegiate lectures, Frege, Russell and Wittgenstein, Wednesdays, 12 noon, 43 Gordon Square, ML. They should also attend the Philosophy of Mathematics (Frege & Russell) lectures, Mondays, 6.00 p.m., Birkbeck, M.

Written Work: Students will be expected to produce at least two essays per term and to give class papers.

Reading List: Gottlob Frege, *The Foundations of*

Arithmetic, translated by J. L. Austin; P. Geach & M. Black (Eds.), *Translations from the Philosophical Writings of Gottlob Frege*; P. Strawson (Ed.) "The Thought" in *Philosophical Logic*; B. Russell, *Principia Mathematica* and *Mysticism and Logic*; B. Russell, E. R. Eames & K. Blackwell (Eds.), *Collected papers of Bertrand Russell, Vol. 7*; R. C. Marsh (Ed.), *Logic and Knowledge*; David Lackey (Ed.), *Essays in Analysis*; Hochberg: "Russell's attack on Frege's theory of meaning" *Philosophia* (1976); Hochberg, *Logic, Ontology and Language*; Ayer, *Russell*; Pears, *Bertrand Russell and the British Empiricist Tradition*; Sainsbury, *Russell*; Anderson & Savage, *Klemke*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph5300

History of Modern Philosophy: Bacon to Kant

(Not available 1995-96)

Teacher Responsible: Dr. E. Zahar, Room A210

Course Intended Primarily for B.Sc. (Econ.) Part II Philosophy; B.A./B.Sc. c. u. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: A critical historical review and an introduction to some of the main problems of philosophy.

Course Content: The main philosophers of the seventeenth and eighteenth centuries: Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant. The main problems raised by these philosophers concern, for example: how knowledge is acquired, the extent of our knowledge and its status (is it infallible, certain, probable or what?); theories about reality (dualism, idealism, monism); 'proofs' of the existence of God; the mind-body problem; free-will and determinism, personal identity.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ph106, **History of Modern Philosophy, Bacon to Kant (Dr. E. Zahar and others)**; 35 one-hour lectures, ML. Classes: Ph106a.

Written Work: Students will be expected to write at least two essays per term and to give class papers.

Reading List: F. Bacon, *Novum Organum* (Ed. P. Urbach & J. Gibson); P. Urbach, *Francis Bacon's Philosophy of Science*; E. A. Burtt (Ed.), *The English Philosophers from Bacon to Mill*; Descartes, *Philosophical Writings*, edited by D. Anscombe & P. Geach (or an edition edited by J. Cottingham, R. Stoothoff & D. Murdoch); Spinoza, *Ethics*; Leibniz, *Monadology*; *Selections*; Berkeley, *Three Dialogues between Hylas and Philonous*; Hume, *Treatise of Human Nature*, Book 1; *Critique of Pure Reason*; I. Kant, *Prolegomena*; S. Körner, *Kant*. A number of relevant contemporary books and articles will also be recommended.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination in the Summer Term.

Ph5310

Philosophical Logic & Metaphysics**Teacher Responsible:** Professor D.-H. Ruben, Room A208**Course Intended Primarily for** B.A./B.Sc. c.u. Philosophy; B.Sc. (Econ.) Part II.**Core Syllabus:** Some of the main contemporary philosophical problems in philosophical logic and in metaphysics.**Course Content:** for Philosophical Logic: reference, names and descriptions, validity, truth, logical truth, conditionals, necessity and modality, existence and quantification, vagueness and non-classical logics; for Metaphysics: universals and particulars, materialism and dualism, free-will and determinism, personal identity, substance, events, causation, time, realism and idealism.**Reading for Philosophical Logic:** S. Kripke, *Naming and Necessity*; R. M. Sainsbury, *Logical Forms*; P. Geach, *Reference and Generality*; G. Evans, *The Varieties of Reference*; S. Blackburn, *Spreading the Word*; P. Horwich, *Truth*; R. Stalnaker, "Possible Worlds" in Honderich & Burnyeat (Eds.), *Philosophy As It Is*.**Reading for Metaphysics:** J. Perry (Ed.), *Personal Identity*; J. L. Mackie, *The Cement of the Universe*; D. Davidson, *Actions and Events*; A. Goldman, *A Theory of Human Action*; P. Churchland, *Matter and Consciousness*; N. Block (Ed.), *Readings in Philosophy of Psychology*; R. Gale (Ed.), *The Philosophy of Time*; H. Mellor, *Real Time*; A. N. Prior, *Papers on Time and Tense*; P. Horwich, *Asymmetries in Time*; S. Shoemaker, *Identity, Cause and Mind*; M. Johnstone and G. Forbes, "Is There a Problem About Persistence" *Proceedings of the Aristotelian Society*, supp. vol. LXI 1987; D. Lewis, *The Plurality of Worlds*.**Teaching Arrangements:** Ph125 (for Philosophical Logic: Professor R. M. Sainsbury, King's College, Strand, and others; for Metaphysics, Dr. R. Heinaman, University College, and others.) 48 inter-collegiate lectures, twice weekly, MLS. **Philosophical Logic and Metaphysics** is a federal University of London lecture course, whose syllabus is designed for a 2 year cycle, permitting, but not requiring, students to attend lectures in adjacent years with no overlap in content. Since LSE students will attend for only one year, the specific course content will therefore vary in alternative years. The descriptions above reflect the lectures' contents over the whole of the two year cycle. There is a class, Ph125a, attached to these lectures and given at the School.**Written Work:** Students are expected to write at least two essays per term and give class papers.**Examination Arrangements:** A three-hour formal examination in the Summer term.

Ph5315

Ph6206

Philosophy of Mathematics**Teacher Responsible:** Dr. K. Hossack, King's College**Course Intended Primarily for** B.A./B.Sc. c.u.

Phil.; B.Sc. (Econ.) Special Subject Philosophy; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths, Logic and Comp.; M.Sc. Philosophy & History of Science; M.Sc. and Dip. Philosophy of the Social Sciences.

Core Syllabus: The course is concerned with the metaphysics and epistemology of mathematics - what its subject matter is, and how we can have knowledge about it.**Course Content:** Introduction: is mathematical knowledge analytic, empirical or synthetic a priori?; Leibniz, Mill and Kant. Logicism: Frege and Russell. Platonism: philosophical significance of Set Theory. Formalism: philosophical significance of Gödel's completeness and incompleteness theorems. Intuitionism: Brouwer and Dummett. Wittgenstein's philosophy of mathematics. Recent developments.**Pre-Requisites:** Knowledge of set theory is very helpful but not essential.**Teaching Arrangements:** A course of 30 intercollegiate lectures (Ph116; IC18) (Michaelmas and Lent terms) given by Dr. K. Hossack (King's College) and Dr. J. Worrall (LSE) at King's College Strand Campus, and an associated series of classes (Ph116a) at LSE.**Written Work:** Students will be expected to produce at least two essays per term and to give class papers.**Reading List:** The most important single book is P. Benacerraf & H. Putnam (Eds.), *Philosophy of Mathematics—Selected Readings*. Students will also need to consult: A. Fraenkel, Y. Bar-Hillel & A. Levy, *Foundations of Set Theory*. Further readings will be announced during the course.**Examination Arrangements:** A three-hour formal examination in the Summer Term.

Ph5320

Philosophy of Economics**Teacher Responsible:** Professor N. Cartwright, Room A212**Course Primarily Intended for** B.Sc. (Econ.) Part II, Special Subject Philosophy & Economics. Other students may take this course as permitted by the regulations for their degrees.**Core Syllabus:** The course examines philosophical issues in economics.**Course Content:** Empiricism, hermeneutics and critical theory in social science. The issue of value-freedom. Methodological problems in economics. The status of economic theory. Social judgements, social choice and interpersonal comparisons. Consequentialism, welfarism and utilitarianism. The Liberal Paradox. Distributive justice and the economics of redistribution.**Pre-Requisites:** Students are expected to have taken or to be taking **Economic Principles Ec1425** or its equivalent elsewhere.**Teaching Arrangements:** Ph105 Philosophy of Economics (Professor N. Cartwright, Professor K. Roberts), 16 lectures, Michaelmas and Lent terms; Ph105a (10 classes, ML). Ph101, **Philosophical Problems in the Social Sciences** (Dr. T. Uebel), 10 lectures, Michaelmas Term; 10 classes, Ph101a Michaelmas Term; 10 classes, Ph101a, Michaelmas Term.

Ph5398

Written Work: Students will be expected to write at least two essays per term and to give class papers.**Reading List:** D. Hausman, *The Inexact and Separate Science of Economics*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; D. Little, *Varieties of Social Explanation*; H. Weber, 'The Meaning of Value Freedom in Sociology and Economics' in *The Methodology of the Social Sciences* (Ed. by Shils & Finch). L. C. Robbins, *The Nature and Significance of Economic Science*; J. Rawls, *A Theory of Justice*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; *Interpersonal Comparisons of Well-Being* (1991) (Eds. J. Elster & J. E. Roemer); A. K. Sen & B. Williams (Eds.), *Utilitarianism and Beyond*.

Additional reading suggestions, particularly of articles, may be made in the lectures and the classes.

Examination Arrangements: A three-hour formal examination at the end of the year.**Essay****Course Intended Primarily for** B.A./B.Sc. c.u. Phil.; B.Sc. (Econ.) Part II Philosophy.**Core Syllabus:** The essay may be on any topic falling within the scope of the philosophy courses for Philosophy.**Selection of Topic:** Candidates should have the subject of their essay approved by their tutor.**Arrangements for Supervision:** The essay should reflect the candidates' own views. This means that, while they may discuss its contents in a general way with their tutor, and may present it at seminars, they should not submit a draft to their tutor.**Examination Arrangements:** Essays must be submitted by May 15. They should be 5,000-7,000 words, and should be typewritten.

POPULATION STUDIES

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
Pn100	Population, Economy and Society Dr. C. Wilson	24/MLS Pn7100; Pn8102
Pn101	Demographic Description and Analysis Dr. C. Wilson and Mr. C. M. Langford	20/ML Pn7120
Pn103	The Demographic Transition and the Western World Today Dr. C. Wilson	20/M Pn7122; Pn8102
Pn104	Third World Demography Professor J. Hobcraft	24/MLS Pn7123; Pn8102
Pn105	Population, Family and Health in Britain and the West Mr. M. J. Murphy	24/MLS Pn7129; Pn8102
Pn106	The Demography and Population History of the Indian Sub-Continent Professor T. Dyson and Mr. C. M. Langford	24/MLS Pn7130; Pn8102
Pn107	Mathematical and Statistical Demography Mr. M. J. Murphy	24/MLS Pn7126; Pn8190

Course Guides

Pn7100

Population, Economy and Society

Teacher Responsible: Chris Wilson, Room X208
Course Intended Primarily for B.Sc. (Econ.) Part I and Course Unit degree in Population Studies. The paper assumes no previous knowledge of the subject. It is one of the Group VI papers in Part I of the B.Sc. (Econ.) and is a suitable general introduction to population studies. It can also be taken as an outside option in Part II of the B.Sc. (Econ.) or as a Course Unit option (in any year). The course also forms a compulsory pre-requisite for course Pn8102 **Social and Economic Demography** for the M.Sc. Demography.
Core Syllabus: The paper deals with the inter-relationship between the demographic characteristics of a society (its fertility, mortality and nuptiality) and the economic and social context within which the characteristics develop and are maintained. It concentrates especially on the contrasts between traditional and industrialised societies.

Course Content: Topics covered include: general models of population behaviour in pre-industrial and industrial societies; the relationship between population size and available resources; the nature and relative importance of economic, social and biological influences on population growth rates; the special character of pre-industrial western Europe; pre-industrial familial forms and functions; the disappearance of old patterns in the course of industrialisation; the demographic transition; the changing balance of social and individual control of fertility; characteristics of the modern family; the interpretation of fertility fluctuations in the recent past; the causes and consequences of rapid population growth in the Third World.

Teaching Arrangements: Pn100 24 Sessional. Pn100a 22 Sessional.

Written Work: Two essays are required from each member of a class in each of the first two terms. Essay topics are chosen from a list handed out in class, and the essays are marked by the class teacher.

Reading List: Two reading lists are handed out at the beginning of the course, one dealing with books and the other with articles. Most of the articles are available in xerox form in the offprint collection. The following are among the more important items on the book reading list:

M. Livi-Bacci, *A concise history of world population*;
M. Anderson, *Approaches to the History of the Western Family 1500-1914*; R. Easterlin, *Birth and Fortune*; W. H. McNeill, *Plagues and Peoples*; E. A. Wrigley, *Population and History*; The World Bank, *Population Change and Economic Development*.

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which candidates will be expected to answer four questions.

Pn7120

Demographic Description and Analysis

Teacher Responsible: Chris Wilson, Room X208
Course Intended Primarily for B.Sc. (Econ.) Part II

and Course Unit in Population Studies. This paper assumes no previous knowledge of the subject. It is a compulsory paper for students taking the course unit degree in Population Studies, but may also be taken as an outside option both by Part II non-specialists and by other Course Unit students. When taken as part of the Population Studies degree it is a second year paper. Non-specialists, however, may take it in either the second or third years. The course is not particularly mathematical or statistical and students with non-mathematical backgrounds should not be at a disadvantage.

Core Syllabus: This paper provides an introduction to the techniques of demographic analysis and the interpretation of demographic data. The main style of presentation is to introduce and discuss techniques of analysis and then examine examples of their use to illustrate demographic concepts and trends.

Course Content: This course provides an introduction to the techniques of demographic analysis and the interpretation of demographic data. Topics covered include sources of information about populations; current and cohort methods of description and analysis; the construction of life tables; measurement of fertility, mortality and nuptiality; the determinants of age structure and the intrinsic growth rate; survey data; the interpretation of demographic statistics; tests of consistency and reliability.

Teaching Arrangements: Pn101 20 Michaelmas and Lent Terms. Pn101a 20 Michaelmas and Lent Terms.

Written Work: A number of practical exercises involving either computations or the interpretation of data will be set during the course and discussed in classes. In addition, a number of brief essays will be required from each student.

Reading List: A general reading list is circulated at the start of the course. In each lecture attention is drawn to the relevant readings. The following, however, are useful introductions: R. Woods, *Population Analysis in Geography* and R. Pressat, *The Dictionary of Demography*, edited by C. Wilson.

Examination Arrangements: There will be one three-hour examination in the Summer Term. The examination is in two sections. Section 1 involves answering two computational questions and section 2 is composed of essay questions dealing with concepts and techniques discussed in the course. Students answer two questions from sections 1, and two from section 2.

Pn7122

The Demographic Transition and The Western World Today

Teacher Responsible: Chris Wilson, Room X208
Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit degree in Population Studies. The paper may also be taken as an outside option both by Part II non-specialists and by other Course Unit students in either second or third years. The course assumes a basic familiarity with demographic terminology and measures and thus it may be advantageous for non-specialists to have taken either course Pn100, **Population, Economy and Society** or course Pn101, **Demographic Description and Analysis**.

However, this is not compulsory. The course is also available as an option for the M.Sc. Demography.

Core Syllabus: This paper deals with the demographic history of Western societies over the last two centuries. This covers the period of change from a situation characterised by high birth and death rates to one where such rates are low, and known as the demographic transition. Post-transitional demographic patterns are also examined. The paper has a principally substantive focus and is organised on a thematic rather than strictly chronological basis.

Course Content: The nature of pre-transitional Western societies; the acceleration of growth in the 18th century; the mechanism of growth and the social and economic changes which accompanied it. The course and characteristics of falling mortality; the control of fertility within marriage; fertility control as innovation or diffusion. The degree of homogeneity with the Western experience; the special case of France. The limits to mortality decline; the consequences of changes for age structure, dependency and social service provision. Post-transitional fertility behaviour; changes in the form and function of marriage; the modern determinants of fertility, mortality and nuptiality; patterns of internal and international migration; changes in household size and composition.

Teaching Arrangements: Pn103 20 lectures. Pn103a 10 classes in the Michaelmas Term.

Written Work: Two essays will be required from students and each student will be asked to make a short presentation for discussion in class at least once.

Reading List: A general reading list is circulated at the start of the course. In each lecture attention is drawn to relevant readings. The following are useful introductions: A. J. Coale & S. C. Watkins, *The Decline of Fertility in Europe*; M. Anderson, *Approaches to the History of the Western Family*; E. A. Wrigley, *Population and History*.

Examination Arrangements: There will be one three-hour examination in the Summer Term. This will require the answering of three essay questions.

Pn7123
Pn8102

Third World Demography

Teacher Responsible: Professor J. Hobcraft, Room X211

Course Intended Primarily for Course Unit degree in Population Studies; M.Sc. Demography and M.Sc. Health Planning and Finance. The course may also be taken as an outside option by non-specialists in Part II and by Course Unit students.

Core Syllabus: The general aim of the course is to give students an overview of both the causes and consequences of population trends in developing countries. As such the course is interdisciplinary in scope, and is expected to have relevance for social scientists concerned with a wide variety of Third World issues.

Course Content: The course covers the size, distribution and growth of the populations of the main developing regions and countries; levels, trends and differentials in fertility, mortality and marriage in

developing countries; the causes of mortality decline in the Third World - disease control, sanitation and water supply, economic betterment, nutrition, health service provision etc; synergistic interactions associated with infectious diseases and child malnutrition; the social and economic consequences of rapid population growth; possible costs and benefits of having children for peasant couples; other factors affecting fertility - child mortality, maternal education, breast-feeding patterns, the status of women, income levels and distribution. Additionally, the course will cover topics such as Aids in the Third World; the influence of climate on human populations; patterns and trends in migration and urbanization in developing countries; the populations of India and China; hunter-gatherer demography; the development of family planning programs, and an assessment of the efficiency of population programs. Finally, the course attempts to put Third World experience in perspective: in what way does developing country experience relate to that of the historical demographic development of the West?

Pre-Requisites: The paper is part of a course unit degree in Population Studies, but may also be taken as an *outside option* by non-specialists in Part II and by Course Unit students. It may be taken in either the second or third year.

Teaching Arrangements: Pn104 24 Sessional. Pn104a 24 Sessional.

Reading List: Certain readings have direct relevance for most aspects of the course. In particular: the journal, *Population and Development Review* (PDR) published quarterly by the Population Council, New York; H. Ware, *Women, Demography and Development*, Australian National University, 1981; R. Feachem (Ed.), *The Health of Adults in the Developing World*, Oxford University Press, 1992; T. Dyson (Ed.), *Sexual Behaviour and Networking: The Transition of HIV*, Derouaux, Ordina, 1992; C. P. Green, *The Environment and Population Growth: Decade for Action*, Population Reports, Series M, No. 10, Johns Hopkins, 1992; World Bank, *Population Change and Economic Development*, Oxford University Press, 1985.

Supplementary Reading List: A supplementary reading list is available upon request from the secretary in Room X212.

Examination Arrangements: Examinations will be by a three-hour formal examination in the Summer Term. Students will be expected to undertake four questions.

Pn7126

Statistical Demography

Teacher Responsible: Mr. M. Murphy, Room X205

Course Intended Primarily for B.Sc. c.u. main field in Population Studies. It may be taken in either the second or third year and is also available to suitable non-specialist Part II and Course Unit candidates. The course requires no formal prior demographic training but it does assume a reasonable degree of mathematical competence covering matrix algebra (including eigenvalue theory) and calculus. In general

EMM or EST would be sufficient. The course is likely to be of particular interest to students who wish to adopt a more analytical approach to demography than, for example, Pn101, especially those with main interests in actuarial science, statistics and associated subjects.

Core Syllabus: The course covers the use of statistical and mathematical techniques to illuminate demographic processes. Mathematical models are applied to fertility, mortality, nuptiality, migration, reproductive and household change areas, dynamics of population and projection techniques. Statistical estimation of demographic parameters from empirical data is also covered.

Course Content: Simple models of population growth, exponential, logistic etc. Analysis of mortality using life tables: model life tables, continuous and multiple decrement formulations; statistical properties of life table estimators; Proportional hazards and multistate life tables. Stable and stationary populations and their use for estimation of demographic parameters in less developed countries, Continuous (Lotka) formulation of population dynamics equation, why a population converges to a stable form (strong and weak ergodicity); solutions of renewal equation. Discrete (Leslie) formulation of population dynamics and its use in making population projections. Prospects of change in fertility and mortality in developed countries and their implications for population growth. The existence of cycles in population growth: their analysis and interpretation in historical and current populations. Parity progression ratios. Mathematical models for fertility and mortality schedules: relational Gompertz and logit models. Quantitative models of nuptiality. Models of reproductive and measurement of fecundability. Analytic and simulation approaches to reproductivity and household structure. Sources of demographic data.

Teaching Arrangements: Lectures: Pn107, **Mathematical and Statistical Demography**, 24 Sessional.

Classes: Pn107a, 24 Sessional.

Mr. M. Murphy (X205) will take all lectures and classes for this course.

Written Work: Written work consists of weekly set exercises associated with the lectures. These are mainly of a mathematical nature.

Reading List: The first two volumes given here cover a substantial part of the course.

N. Keyfitz, *Introduction to the Mathematics of Population*, Addison Wesley (1977 revised edn.); J. H. Pollard, *Models for Human Populations*, Cambridge (1973); A. J. Coale, *The Growth and Structure of Human Populations: a Mathematical Investigation*, Princeton (1972); R. C. Elandt-Johnson & N. L. Johnson, *Survival Models and Data Analysis*, J. Wiley (1980).

Examination Arrangements: Examination is by a single three-hour examination in the Summer Term in which candidates answer four questions.

Pn7129

Population, Family and Health in Britain and the West

Teacher Responsible: Mr. M. Murphy, Room X205

Course Intended Primarily for Course Unit degree in Population Studies. The paper may also be taken as an outside option both by Part II non-specialists and by Course Unit students. The course assumes a basic familiarity with demographic terminology and measures and thus it is advantageous, though not essential, for non-specialists to have taken either course Pn100 **Population Economy and Society** or course Pn101 **Demographic Description and Analysis**.

Core Syllabus: This course provides an overview of the demography of contemporary developed societies especially Britain. Current and likely future developments are also set in the context of recent historical change. Major determinants and consequences of recent changes in population composition, distribution and size are examined. Patterns of cohabitation, marriage, divorce, and fertility and their implications for the family and for household structure are studied. The main trends over time and patterns of inequality in mortality and morbidity are also evaluated. This course has wide relevance to all those interested in modern developed countries.

Course Content: Trends in marriage and the upsurge in divorce. Patterns of fertility change, and consequences for the family and household structure. The rise of cohabitation and illegitimacy. Economic and social explanations for differentials in fertility and family formation: similarities and differences among developed societies. Population estimates and projections. Ageing in a European context. Family and household structure; the rise of solo living. Existence of wider kin and support networks. The changing population structure of developed societies. Population distribution, migration and the 'flight from cities'. Immigrants, refugees, ethnic minorities and guest-workers; contrasts between European societies in migration policies. Changing patterns of mortality by cause, gender and prospects for mortality and morbidity. Measurement of morbidity and health. Inequalities in health. Contrasts in patterns of disease among developed countries.

Teaching Arrangements: There are 24 lectures and associated classes weekly throughout the year. Lectures and classes are given by **Mr. M. Murphy** (X205). Lectures: Pn105, 24 Sessional; Classes Pn105a, 24 Sessional.

Work Requirements: Students will be expected to do the reading associated with the classes and also to give presentations in these classes. In addition a number of essays will be set.

Reading List: A main reading list is handed out at the start of each term and additional material is recommended during lectures. The following items are among the more useful general works on the reading list:

D. Coleman & J. Salt, *The British Population*, Oxford 1992; H. Joshi (Ed.), *The Changing Population of Britain*, Blackwell, 1989; M. Murphy & J. Hobcraft (Eds.), *Population Research in Britain*, Population Investigation Committee, 1991; R. Andorka, *Determinants of Fertility in Advanced Societies*, Methuen 1978; BSPS, *The Family: OPCS Occasional Paper 31*, Office of Population Censuses and Surveys, 1983; J. Ermisch, *The Political Economy of Demographic Change*, Heinemann, 1983; A. Smith & B. Jacobson, *The Nation's Health: A Strategy for the 1990s*, King's Fund/OUP, 1991; P.

Townsend, N. Davidson & M. Whitehead (Eds.), *Inequalities in Health: The Black Report and The Health Divide*, Penguin, 1988; J. Vallin & A. Lopez (Eds.), *Health Policy, Social Policy and Mortality Prospects*, Ordina for IUSSP, 1986.

Examination Arrangements: The course is examined by a three-hour examination in the Summer Term. Candidates are required to answer four questions.

Pn7130

The Demography and Population History of the Indian Sub-continent

Teacher Responsible: Mr. C. M. Langford, Room X310

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit degree in Population Studies; M.Sc. Demography. The course may also be taken as an outside option by non-specialists in Part II and by Course Unit students.

Core Syllabus: The course focuses on the past, present and likely future demographic characteristics of the Indian sub-continent. It covers the period from the mid-nineteenth century to the present day. The course deals with both demographic variables in a narrow sense (population size, migration, population growth, fertility, mortality, marriage, etc.), and broader issues concerning links between economic, political, social and demographic variables. The course focuses mainly on India. But the demographic development of Sri Lanka receives particular attention. There is also consideration of the populations of Pakistan, Bangladesh and Nepal.

Course Content: Sources of demographic data (censuses, vital registration, surveys, etc.); population characteristics during the pre-census period (prior to 1871-2); demographic trends since 1871-2; the effects of famines and epidemics; changes in patterns of disease (malaria, cholera, tuberculosis, plague, influenza, etc.); regional demographic variation in the sub-continent and related explanations (e.g. variations in female status); sex differentials in mortality; demographic differentials by factors such as religion, caste, place of residence; household and family structure; changes in patterns of marriage and widowhood; the development and current status of policies on health and family planning; trends in urbanization and urban growth; urban demography; aspects of both internal and international migration in the region; micro-demographic studies on a variety of topics; the demographic characteristics of overseas Indian populations; the demography of South Asia in the context of experience in other countries (e.g. China).

Teaching Arrangements: Pn106 24 one-hour lectures Sessional.

Pn106 24 one-hour classes Sessional.

Reading List: A reading list is circulated at the start of the course. In each lecture attention is drawn to relevant readings. The following are among the more important items on the reading list:

R. Akhtar & A. Learmonth (Eds.), *Geographical Aspects of Health and Disease in India*, Concept Publishing, 1985; P. N. Mari Bhat, S. Preston & T. Dyson, *Vital Rates in India, 1961-1981*, National Academy Press, 1984; R. Cassen, *India, Population, Economy, Society*, Macmillan, 1978; T. Dyson (Ed.), *India's Historical Demography: Studies in Famine, Disease and Society*, Curzon, 1989; A. Mitra, *India's Population: Aspects of Quality and Control*, Abhinav, 1978; R. Skeldon, *Migration in South Asia: An Overview*, ESCAP, 1983.

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which candidates will be expected to answer four questions.

Pn7199

Special Essay in Population Studies

Course Intended for B.Sc. c.u. main field Population Studies, 3rd year.

Core Syllabus: The essay may be on any subject that is considered to be related to Population Studies and which is agreed by the candidate's tutor. The tutor will be concerned that there is an adequate body of relevant material available for interpretation and analysis, and that the topic is not unmanageably large.

Course Content: There is no formal course content. Candidates will be expected to demonstrate their understanding of basic demographic methods and draw widely on their reading from other courses in Population Studies.

Teaching Arrangements: An hour of formal instruction is provided to candidates in order to give general information as to what is expected. In addition, tutors will advise candidates during their normal tutorial meetings on scope, topic and relevant reading, as well as on general approaches. However, tutors are not permitted to read or comment on drafts of the essay. Students who decide to do the essay should not expect additional tutorial meetings to discuss it.

Written Work: The essay may not be more than 8,000 words of main text, including footnotes and appendices, but excluding bibliography and tables. In students' own interests the essay should preferably be typed, double-spaced, using the reference procedures of the journal *Population Studies*. It must be handed in at the Examinations Office by the date announced by the School, which will normally be May 1st. The student is advised to retain a copy.

Examination Arrangements: see written work above.

SOCIAL PSYCHOLOGY

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
Ps100	Introduction to Individual and Social Psychology Dr. A. E. M. Seaborne, Dr. G. D. Gaskell, Professor R. M. Farr and Dr. B. Franks	23/MLS Ps5400
Ps101	Psychoanalytic Theories and their Derivatives Professor P. Hildebrand	6/L Ps101; Ps5400
Ps102	Psychological Processes and Methods Mr. A. Wells	10/L Ps5407
Ps106	Social Psychology Dr. C. Campbell	23/MLS Ps5423
Ps108	Methods of Psychological Research II: (i) Lectures and Laboratory Sessions Professor P. C. Humphreys (ii) Psychological Statistics Mr. A. Wells	20/ML Ps5420 23/MLS Ps5420
Ps109	Cognitive Psychology Mr. A. Wells, Dr. B. Franks and Dr. A. E. M. Seaborne	23/MLS Ps5424
Ps114	Thought and Language Mr. A. Wells and Dr. B. Franks	30/ML Ps5507
Ps115	Cognition and Social Behaviour <i>(Not available 1994-95)</i> Dr. G. D. Gaskell	30/ML Ps5504
Ps116	Methods of Psychological Research III Mr. P. H. Jackson	14/M Ps5500
Ps117	Social Psychology and Society Dr. C. Campbell	30/ML Ps5505

Lecture/ Seminar Number			Course Guide Number
Ps118	Cognitive Development (Not available 1994-95)	10/L	Ps5521
Ps119	Political Beliefs and Behaviour (Not available 1994-95)	10/L	Ps5540
Ps120	Organisational Social Psychology Professor. P. C. Humphreys and Dr. G. D. Gaskell	30/ML	Ps5542
Ps124	Social Psychology of Health	10/L	Ps5525
Ps150	Social Representations Professor R. M. Farr	10/L	Ps5534
Ps151	History of Psychology (Not available 1994-95) Professor R. M. Farr	10/L	Ps5543
Ps152	Philosophical Psychology (Not available 1994-95) Mr. A. Wells	10/L	Ps5544
Ps155	The Social Psychology of the Media Professor. P. C. Humphreys and Dr. C. Berkeley	10/L	Ps5531
Ps156	The Social Psychology of Economic Life Dr. G. D. Gaskell	10/L	Ps5536
Ps157	Psychology of Gender Dr. J. E. Stockdale	10/L	Ps5538
Ps158	The Audience in Mass Communications Dr. S. M. Livingstone	15/L	Ps5539
Ps159	Decision Making and Decision Support Systems (Not available 1994-95) Professor P. C. Humphreys	10/L	Ps5537
Ps161	Cognitive Science and Natural Language (Not available 1994-95) Dr. Bradley Franks	10/L	Ps5541

Course Guides

Ps101

Psychoanalytic Theories and their Derivatives

Teacher Responsible: Professor P. Hildebrand
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 1st year; optional for B.Sc. S.S. and A, 3rd year.

Teaching Arrangements: Six lectures (Ps101) Lent Term.

Examination Arrangements: Non-examinable.

Ps169

Psychology (Seminar)

Teacher Responsible: Professor P. C. Humphreys,
Room S303

Course Intended Primarily for graduate students; B.Sc. c.u. main field Social Psychology 3rd year.

Teaching Arrangements: Fortnightly seminars (Ps169), Sessional.

Papers will be presented by outside speakers.

Examination Arrangements: Non-examinable.

Ps5400

Introduction to Individual and Social Psychology

Teacher Responsible: Dr. A. E. M. Seaborne,
Room S364

Course Intended Primarily for B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Soc. Psych., Maths., Stats., Comp., Act. Sci., Man. Sci., Geog. 1st year, Soc., Soc. Anth.; B.Sc. Soc. Policy and Admin. 2nd and 3rd years.

Course Content: Origins of behaviour. Mechanisms and theories of learning, perception, memory, reasoning and language. Cognitive development. Issues in gender and health; Social cognition and social behaviour: group dynamics; intergroup behaviour and interpersonal communication.

Pre-Requisites: None.

Teaching Arrangements: Lecture (Ps100) (1 hour) x 23; Classes (Ps100a/b) (1 hour) x 23; Ps101: Psychoanalytic Theories and their Derivatives (1 hour) x 6 Lent Term. These lectures are compulsory for 1st year B.Sc. Main Field Soc. Psych. and optional but highly recommended for other students attending Ps100.

Written Work: Students are expected to write 5 essays during the Session. Topics are set by class teachers who assess the essays and discuss students' work.

Reading List: Recommended reading: R. L. Atkinson *et. al.*, *Introduction to Psychology*, Harcourt Brace & World, 1987 (10th edn.); Brown & Herstein, *Psychology*, Methuen, 1975; R. Brown, *Social Psychology* (2nd edn.), Macmillan, 1986; H. Gleitman, *Psychology* (3rd edn.), Norton, 1991; Taylor & Sluckin, *Introducing Psychology*, Penguin,

1982; Tajfel & Fraser, *Introducing Social Psychology*, Penguin, 1978. Additional references and a synopsis of lectures and class topics are distributed in the first lecture of the series and available in S316.

Examination Arrangements: A formal three-hour examination in the Summer Term: 4 questions from a choice of 12.

Ps5407

Psychological Processes & Methods

This comprises two components:

(i) Lectures and classes in the Michaelmas Term on **Psychological Processes;**

(ii) Laboratory sessions in the Lent Term on **Psychological Methods.**

Teacher Responsible: Mr. A. Wells, Room S384;
Other teacher: Dr. A. E. M. Seaborne
(Psychological Methods)

Course Intended Primarily for B.Sc. c.u. Soc. Psych. 1st year.

Course Content: (i) Lectures/classes in the Michaelmas Term: The psychological processes lectures provide an overview of the human being as a biological, evolved and social organism. Lecture topics include the structure and functioning of the nervous system, the principles of the theory of evolution by natural selection, and the processes of development from birth to adolescence which shape the adult human being.

(ii) Laboratory session in the Lent Term: Introduction to experimental design and research methods in relation to the design and conduct of laboratory and field studies. The areas examined will include learning, memory, thinking, perception and social processes. An introduction to the statistical analysis of experimental data using computer packages.

Pre-Requisites: None.

Teaching Arrangements: Lecture (Ps102) (1 hour) x 10 Michaelmas Term. Class (Ps102a) x 5 Michaelmas Term; Laboratory session (Ps102b) (3 hours) x 10 Lent Term.

Written Work: Students participate in the design and conduct of experiments and are expected to write reports on each of the studies they carry out. These reports are marked by the teaching assistant and Dr. Seaborne and may be discussed with them.

Reading List: Recommended reading related to the individual content areas will be given during the course.

Introductory texts: L. Berk, *Child Development* (4th edn.), Allyn & Bacon, 1994; S. Green, *Physiological Psychology: An Introduction*, Routledge, 1987.

Examination Arrangements: (i) A two-hour written examination on **Psychological Processes** in the Summer Term: 2 questions from a choice of 5 [50%]. (ii) Formal assessment of the best 4 laboratory reports completed during the Lent Term [50%].

In addition candidates *may* submit two essays to the examiners. The marks obtained on these will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5420

Methods of Psychological Research II: Social and Statistical**Teachers Responsible:** Professor P. C. Humphreys, Room S303 and Mr. A. Wells, Room S384**Course Intended Primarily for** B.Sc. c.u. main field Social Psychology 2nd year, B.Sc. (Econ.) Part II Special Subject Social Psychology and other interested students.

For the sake of clarity this guide is divided into two sections covering:

Section A Methods of Psychological Research - Laboratory Sessions**Section B Psychological Statistics.**

Each section comprises 50% of the assessment of the course.

SECTION A: METHODS OF PSYCHOLOGICAL RESEARCH: LABORATORY SESSIONS**Teacher Responsible:** Professor P. C. Humphreys, Room S303**Course Content:** The focus is on learning about techniques, their conceptual origins, how to do them, when to use them, what sort of data is produced, what are the advantages and disadvantages and what sorts of analysis are appropriate. Primary data collection will be minimised within the constraint of gaining some first hand practical experience. The topic areas covered will include interviewing skills, observational techniques, survey design and instruments, functional and structural approaches to content analysis and cognitive psychology. Each topic area will be the subject of "an assignment", a brief report reviewing the main conceptual, methodological and analytic issues.

The "mini-project": In the last four weeks of the Lent term students will design and execute (on a small sample) a project on a selected theme. Following an introductory session students will be expected to design an appropriate investigation, collect data from an indicative sample, set out appropriate data analytic procedures, and to discuss i) the empirical results, ii) the strengths and limitations of their project design and procedures. The subsequent laboratory sessions will be devoted to the development of the project design, handling problems arising, and presentations on progress and results.

Teaching Arrangements: Laboratory and data analysis session (Ps108i) (3 hours) x 10 Michaelmas Term; x 10 Lent Term.**Written Work:** Four empirical reports of not more than 1,200 words each on the research topic areas covered to be submitted before the end of the 1st week of the Lent Term and a miniproject of 2,500 words to be submitted before the end of the first week of the Summer Term. The reports will be assessed by the relevant lecturer with whom students can discuss their work.**Reading List:** A. F. Chalmers, *What is this thing called Science?*, Open University Press, 1978; T. D. Cook & D. Campbell, *Quasi Experimental Design*and *Analysis: Issues for Field Settings*, Rand McNally, 1979; C. C. Reaves, *Quantitative Research for the Behavioural Sciences*, Wiley, 1992. References relevant to each topic area and the 'miniproject' will be given out during the course.**Examination Arrangements:** The examination of this component is based on the assessment of coursework. The mark awarded will be the average for the best three reports and the miniproject.**SECTION B: PSYCHOLOGICAL STATISTICS****Teacher Responsible:** Mr. A. Wells, Room S384**Course Content:** Revision: Sampling, inference and hypothesis testing. Non parametric tests for comparing 2 & k samples, related and independent groups. Introduction to statistical analysis using SPSS-PC. Non parametric measures of association and correlation. Simple linear regression and correlation. Assumptions and models underlying analysis of variance: one-, two- and three-way analysis of variance, planned and unplanned comparisons and tests of trend. Test Selection.**Pre-Requisites:** Completion of SM202 Statistical Methods for Social Research or a comparable course.**Teaching Arrangements:** Lecture (Ps108ii) (1 hour) x 23 Sessional; Classes (Ps108iia) (1 hour) x 23 Sessional.**Written Work:** Weekly exercises are assigned and the marks obtained contribute to the final overall assessment. The exercises are marked by the teaching assistant and may be discussed with Dr. Franks.**Reading List:** No one book covers the entire course. Useful texts include:S. Siegel & N. J. Castellan, *Nonparametric Statistics for the Social Sciences* (2nd Edn), McGraw-Hill, 1988; D. C. Howell, *Statistical Methods for Psychology* (2nd edn.), Duxbury Press, 1987.**Examination Arrangements:**

1. A formal two-hour examination in the Summer Term: 5 questions from a choice of 9 [70%] 2. Assessment of written exercises submitted during the session [30%].

Note: The relative weightings across all components of the course are as follows:

- (i) Methods of Psychological Research: assessment of laboratory work (4 reports and miniproject) [50%]
- (ii) Psychological Statistics: Examination [35%]
- (iii) Assessment of statistics exercises [15%]

Ps5423

Social Psychology**Teachers Responsible:** Dr. C. Campbell. Other participants: Dr. A. E. Seabourne and Professor R. M. Farr**Course Intended Primarily for** B.Sc. c.u. main field Social Psychology second year, B.Sc. (Econ.) Part II Special Subject Social Psychology. Also available to second and third year course unit and B.Sc. (Econ.) Part II students.**Course Content:** Introduction to the field; structures underlying our impression of other people; beliefs about groups of people; opinion change in small groups; processes of social change; understanding social discourse; psychology and social relations; social representations: theory and practice; Heider's and Ichheiser's theories of interpersonal relations; the social and collective nature of representations; Individualism on a period of rapid political and economic change; the cultural context of ethnicity and racism.**Pre-Requisites:** Undergraduates normally require a pass in the **Introduction to Individual and Social Psychology** (Ps5400) course and students other than B.Sc. Social Psychology students, are subject to the constraint of numbers.**Teaching Arrangements:** Sessional, weekly lectures (Ps106) and classes (Ps106a).**Written Work:** Students will be required to prepare essays on set topics.**Reading List:** R. Brown, *Social Psychology* (2nd Edn.), Free Press, 1986; J. R. Eiser, *Social Psychology*, Cambridge University Press, 1986; R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; J. P. Forgas & J. McInnes (Eds.), *Recent Advances in Social Psychology: An international perspective*, Elsevier, 1989; M. Hewstone *et al.*, *Introduction to Social Psychology*, Basil Blackwell, 1988.**Examination Arrangements:** A three-hour formal examination: 4 questions out of 10. In addition, candidates may submit up to two essays to the examiners. The marks obtained on these will not be used to lower examination marks but may be used to raise the final mark in borderline cases.

Ps5424

Cognitive Psychology**Teacher Responsible:** Mr. A. Wells, Room S384. Other participants: Dr. A. E. Seabourne and Dr. B. Franks**Course Intended Primarily for** B.Sc. c.u. main field Soc. Psych. 2nd year and B.Sc. Econ. Part II Special Subject Social Psychology. Also available to second and third year course unit and B.Sc. (Econ.) Part II students.**Course Content:** Historical origins of cognitive science; theories and models of memory and attention; categorisation and concepts; methods of neuropsychology; memory disorders; language and language disorders; perceptual processes; perceptual inferences; ecological theories of perception; computational vision; computers and brains; origins of artificial intelligence; problem-solving.**Pre-Requisites:** Introduction to Individual and Social Psychology (Ps5400) or an equivalent course.**Teaching Arrangements:** Weekly one hour lectures (Ps109) and one hour classes (Ps109a), sessional.**Written Work:** Students will be required to write at least three essays on set topics and will also be expected to give class papers.**Reading List:** There is no set text for the course. Detailed reading lists will be provided for the individual blocks. The following texts will providegood general coverage of some aspects of the course: J. B. Best, *Cognitive Psychology*, West, third edition 1992; N. Stillings *et al.*, *Cognitive Science*, MIT Press, 1987; R. Lachman, J. L. Lachman & E. C. Butterfield, *Cognitive Psychology and Information Processing: An introduction*, Erlbaum, 1979; M. W. Eysenck & M. T. Keane, *Cognitive Psychology. A Student's Handbook*, Erlbaum, 1990; U. Neisser, *Cognition and Reality*, W. H. Freeman, 1976; H. Gardner, *The Mind's New Science*, Harper and Row, 1986; T. Shallice, *From Neuropsychology to Mental Structure*, Cambridge University Press, 1988.**Examination Arrangements:** A formal three-hour examination: 4 questions from a choice of 10. In addition, students may submit an essay to the examiners. The marks obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5500

Methods of Psychological Research III**Course Intended Primarily for** B.Sc. c.u. main field Social Psychology 3rd year.**Teachers Responsible:** Dr. B. Franks**(i) Advanced Data Analysis:** Mr. P. H. Jackson, Room S301**(ii) Research Project:** All members of the Department may be involved in the supervision of the Research Project.

There is a Departmental Project Officer who is responsible for advising on the data analysis aspects of the work.

Course Content:

The course has two components:

(i) Advanced Data Analysis: (Ps116) An introduction to multivariate and related analytic techniques and their application to social research data.

This introduction is linked with the use of an interactive computer package, SPSS, for windows to analyse data and this provides an opportunity to use a variety of statistical techniques to answer a range of research questions. Coursework assignments will be set.

(ii) Research Project: The research project comprises an empirical investigation and should aim to raise substantive psychological issues. The project is carried out under the supervision of a member of staff and a project officer is available to advise on the data analysis aspects of the research. The research topic is chosen by the student but it must be approved by the project supervisor.**Examination Arrangements:**

1. Research Project: The assessment is based on successful completion of a research project. Project reports must be completed by a specified date in May when two copies of the project report must be submitted to the Departmental Office. It is preferable, but not compulsory, that the project report should be typewritten. Project reports should not be less than 10,000 words in length and should not exceed 15,000 words [100%].

Cognition and Social Behaviour

(Not available 1994-95)

Teacher Responsible: Dr. G. Gaskell, Room S307
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; other students may attend at the discretion of the teacher.

Course Content:

Social psychology has always recognised the importance of cognitive factors even when the rest of the discipline was behaviouristic in focus. For some 20 years cognitive social psychology has been an important and expanding area of research. Cognitive and motivational factors affect social behaviour while in turn the social context and behaviour influence cognition and motivation. Within this broad orientation this course is in three related sections. The first considers the development of theories and methods of the concept of the attitude, the relations between attitudes and behaviour, how the social context shapes attitudes and the approaches of widespread beliefs and social representations. Social Identity Theory and Relative Deprivation Theory are discussed showing the links between the social group and individual cognition. The second focuses on attribution theories and their applications, for example depression, achievement and personal control. Cognitive heuristics, errors and biases in attributional processes. The third section considers cross-disciplinary applications of social and cognitive psychology in relation to issues in survey methodology and eye witness testimony.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminars (Ps115) (1½ hours) x 20 Michaelmas Term; seminars (Ps115) (1 hour) x 10 Lent Term.

Written Work: Students will be required to prepare material for presentation at seminars. Written essays will be required.

Reading List: Reading lists will be distributed during the course. J. R. Eiser, *Cognitive Social Psychology*, McGraw Hill, 1980; J. P. Forgas (Ed.), *Social Cognition*, Academic Press, 1981; M. Hewstone (Ed.), *Attribution Theory*, Blackwell, 1983; S. T. Fiske & S. E. Taylor, *Social Cognition*, Addison Wesley, 1984.

Examination Arrangements: A formal three-hour examination in the Summer Term: 4 questions from a choice of 10. In addition, students may submit an essay to the examiners. The marks obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Social Psychology and Society

Teacher Responsible: Dr. C. Campbell, Room S387

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; other students may attend at the discretion of the teacher.

Ps5504

Course Content: Social psychology and social life, addressing the relevance of social psychology to social issues and problems, and practical and theoretical aspects of doing research in society. The usefulness of 'applied' research is examined both to social issues, and to improved theoretical understanding of social processes. The course will focus on various theoretical contributions to our understanding of (i) social change, (ii) the formation of personal and social identities, (iii) racism and social inequalities, (iv) stereotypes and prejudices, and (v) collective behaviour, especially political violence. A range of theoretical perspectives are addressed with particular emphasis on sociological forms of social psychology to contemporary social life. Specific topics may include (i) environmental issues, (ii) madness, (iii) collective memory, (iv) social and collective identity. The benefits and problems associated with various methodological approaches (including participant observation, ethnomethodology, interviewing, group discussions) will also be discussed.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminars (Ps117) (1.5 hours) x 20 Michaelmas Term; Seminar (Ps117) (1 hour) x 10 Lent Term.

Written Work: Students will be expected to present material in the form of papers.

Reading List: A detailed reading list will be handed out at the beginning of the course.

J. Duckitt, *The Social Psychology of Prejudice*, Praeger, 1992; D. T. Goldberg, *Racist Culture: Philosophy and the politics of meaning*, Blackwell, 1993; J. Turner, *Rediscovering the Social Group: A self-categorisation theory*, Blackwell, 1987; M. Wetherall & J. Potter, *Mapping the Language of Racism: Discourse and the legitimisation of exploitation*, Harvester Wheatsheaf, 1992; R. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; G. Breakwell & D. Canter, *Empirical Approaches to Social Representations*, Clarendon Press, 1993.

Examination Arrangements: A three hour examination in the Summer Term: 4 questions from choice of 10. In addition, candidates may submit an essay to the examiners. The marks obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Ps5507

Thought and Language

Teachers Responsible: Dr. B. Franks, Room S385 and Mr. A. Wells, Room S384

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; Other students may attend at the discretion of the teacher responsible.

Course Content: The interdisciplinary nature of cognitive science is demonstrated by discussion of the relations between cognitive processes, syntax and semantics. The facts of human learning and processing capacities are seen to place powerful constraints

on acceptable theories and models. The crucial issues are exemplified in the debate about appropriate computational architectures for cognitive modelling. Topics covered include parsing and its relations to cognition and computational complexity; finite automata and Turing machines; connectionist, classical and hybrid modelling; knowledge representation; semantics and inference.

Pre-Requisites: Cognitive Psychology or an equivalent course.

Teaching Arrangements: Lecture (Ps114) (1.5 hours) x 20 Michaelmas Term; Seminar (Ps114b) (1 hour) x 10 Lent Term.

Written Work: essays and class presentations will be required.

Reading List: J. Allen, *Natural Language Understanding*, Cummings, 1987; W. Bechtel & A. Abrahamsen, *Connectionism and the Mind: An Introduction to Parallel Processing in Networks*, Blackwell, 1991; L. T. F. Gamut, *Logic, Language and Meaning*, Vols. 1 & 2, University of Chicago Press, 1991; J. Holland et al., *Introduction: Processes of Inference, Learning and Discovery*, MIT Press, 1987; W. G. Lycan (Ed.), *Mind and Cognition. A Reader*, Blackwell, 1990; L. Nadel et al., *Neural Connections, Mental Computation*, MIT Press, 1989; A. Newell, *Unified Theories of Cognition*, Harvard University Press, 1990; D. Osherson et al., *An Invitation to Cognitive Science*, Vols. 1-3, MIT Press, 1990.

Detailed reading lists will be provided during the course.

Examination Arrangements: A formal 3 hour examination in the Summer Term: 4 questions out of 10. In addition, students may submit an essay to the examiners. The marks on this will not be used to lower the examination mark, but may be used to raise the final mark on borderline cases.

Ps5521

Cognitive Development (Half unit course)

(Not available 1994-95)

Course Intended Primarily for B.Sc. c.u. main field Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: Conditions for theories of cognitive development. Piaget's theory of intelligence in early childhood, especially in relation to number development and quantity reasoning. Theories of information processing and the role of memory in cognitive development. The role of innate factors in development, especially in relation to language development. Learning difficulties.

Pre-Requisites: Introductory courses in developmental and cognitive psychology.

Teaching Arrangements: Lecture/seminar (Ps118) (2 hours) x 10 Lent Term of which half will be a lecture and half a discussion.

Reading List: M. Boden, *Piaget*, Fontana, 1979; J. McShane, *Cognitive Development: An Information Processing Approach*, Basil Blackwell, 1991; R. J. Sternberg (Ed.), *Mechanisms of Cognitive Development*, W. H. Freeman, 1984.

Examination Arrangements: A two-hour examination in the Summer Term: 2 questions from a choice of

5. In addition, students may submit an essay to the examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5525

Social Psychology of Health (Half unit course)

Teacher Responsible: Dr. Catherine Campbell, Room S387. Other teachers: Dr. Dina Berkeley and Professor Patrick Humphreys

Course Intended Primarily for B.Sc. c.u. main field Social Psychology third year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Core Syllabus: The application of social psychology to concepts, systems and problems of health and well-being in their social context.

Course Content: Health and well-being: support, stresses and illness in the social context. Systems approach: the individual (i) as a bio-psycho-social system, (ii) located within family/community/social networks/local cultures. Socially ascribed definitions of health and illness: myths, normality and deviance; tolerance and acceptance of responsibility by the community. Epidemiological patterns and their interpretation: gender, class, age, region, ethnic minorities. Primary preventative health care systems: facilitation vs promotion vs prevention vs cure. Dominant and alternative models of intervention and therapy. Handling health problems; the ICPC episode model; encounters; communication and decision-making in social networks. Levels of health management: self, face to group, community, regional strategies.

Pre-Requisites: None for psychology students, other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/Seminar (Ps124) (2 hours) x 10 Lent Term.

Written Work: 2,500 word written assignment required.

Reading List: A. Beattie, M. Gott, L. Jones & M. Sidell (Eds.), *Health and Wellbeing: A Reader*, Macmillan/Open University, 1993; C. L. Cooper, R. D. Cooper & L. H. Eaker, *Living with Stress*, Penguin, Harmondsworth, 1988; P. Bennett, J. Weinman & P. Spurgeon, *Current Developments in Health Psychology*, Harwood, 1990; V. Coleman, *The Health Scandal*, Sigwick & Jackson, 1988; C. Herzlich, *Health and Illness*, Academic Press, 1973; M. Foucault, *Mental Illness and Psychology*, Harper & Row, New York, 1976; H. J. Bursztajn, R. I. Feinbloom, R. M. Hamm & A. Brodsky, *Medical Choices, Medical Changes*, Routledge, 1990.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5.

Ps5531

Social Psychology of the Media (Half unit course)

Teacher Responsible: Professor Patrick Humphreys, Room S346. Other teacher involved

Dr. Dina Berkeley

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; other interested students with appropriate prerequisites.

Course Content: Conceptualisations of the media in terms of a system in context, and in terms of communication; interpretation of contents and effects. Political communication; techniques, analysis, interpretation. The power and social context of the media. Influence of the social context in imposing restrictions on the various forms of the media. Conflicting views on children and the media; children as an active audience. Drama and story-telling in the media, dramatic versus epic forms of theatre. Propaganda through the media; war propaganda, election campaigns, encouragement of stereotypes, mediation of myths. Publicity and advertising: contexts, methods and mechanisms. The media as agents of planned social change: health campaigns. Creating social reality: the process of news selection and construction.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: Lecture/seminar (Ps155) (2 hours) x 10 Lent Term.

Written Work: 2,500 word essay required.

Reading List: J. Fiske, *Television Culture*, Routledge, 1987; T. Bennett, S. Boyd-Bowman, C. Mercer & J. Woollacott (Eds.), *Popular Television and Film*, BFI-Open University Press, 1981; J. Hartley, *Understanding News*, Methuen, 1982; M. Blonsky, *On Signs*, Macmillan, 1985; J. Curran, J. Ecclestone, G. Oakley & A. Richardson (Eds.), *Bending Reality: The State of the Media*, Pluto Press, 1986.

Additional reading lists will be given out at the beginning of the Session.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5534

Social Representations (Half unit course)

Teacher Responsible: Professor R. M. Farr, Room S364

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: Moscovici's study of psychoanalysis and his choice of Durkheim as the ancestor of this tradition of research. Social representations of health (including mental health), handicap and illness. Social representations of childhood. Common sense, science and social representations. The relationship between theory and method in the study of social representations. The theory and some of its critics. The relationship between social representations and attitudes, stereotypes, public opinion, ideology and attributions. Individual representations and the collective

representation of the individual. The collective nature of widespread beliefs e.g. scripts, plans, scenarios, narratives, etc. The role of the mass media of communication in the creation and dissemination of representations. Is this tradition of research an anthropology of modern life or a historical social psychology?

Pre-Requisites: An advanced knowledge of psychology, sociology, anthropology or philosophy.

Teaching Arrangements: Lecture/seminar (Ps150) (1 hour) x 10 Lent Term; Class (Ps150a) (1 hour) x 10 Lent Term.

Written Work: A 2,500 word essay required.

Reading List: Set text: D. Jodelet, *Madness and Social Representations*, Harvester/Wheatsheaf (1991).

Other texts: R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge: Cambridge University Press, 1984; C. Fraser & G. Gaskell (Eds.), *The Social Psychology of Widespread Beliefs*, Clarendon Press, 1990; R. M. Farr (Guest Editor), *Journal for the Theory of Social Behaviour*, Vol. 17, No. 4. Special Issues on 'Social Representations' 1987; S. Moscovici, *The Age of the Crowd: A historical treatise on mass psychology*, Cambridge University Press, 1985; L. Wolpert, *The Unnatural Nature of Science*, Faber and Faber, 1992.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the Examiner. The mark obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Ps5536

The Social Psychology of Economic Life (Half unit course)

Teacher Responsible: Dr. G. Gaskell, Room S307

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: Economic psychology; The development and change of economic values, the meaning of work and effects of unemployment. Consumer behaviour, decision taking and the process of fashion. Equity, fairness and taxation; Advertising and social marketing.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps156) (1 hour) x 10 Lent Term; Class (Ps156b) (1 hour) x 10 Lent Term.

Written Work: 2,500 word essay required.

Reading List: Reading lists will be provided for each topic, the following are of general use; S. E. G. Lea, R. M. Tarcy & P. Webley, *The Individual in the Economy*, Cambridge University Press, 1987; B. Roberts, R. Finnegan & D. Gallie, *New Approaches to Economic Life*, Manchester University Press, 1983; P. Warr, *Work, Unemployment and Mental Health*, Clarendon Press, 1987.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, B.Sc. students may submit an

essay to the Examiner. The mark obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Ps5537

Decision Making and Decision Support Systems (Half unit course)

(Not available 1994-95)

Teacher Responsible: Professor P. C. Humphreys, Room S303

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology. Students taking other courses which permit an outside paper are also welcome.

Course Content: This course examines issues in personal and social decision making, looking at how we can describe the processes involved in forming judgments, planning actions and evaluating their consequences; what happens in societal decision making when people have conflicting objectives; how risk is experienced and analysed. Techniques for aiding decision making are explored, and ways in which decision support systems may be embedded in processes supporting organisational management and change are investigated.

Pre-Requisites: Some background knowledge is desirable in one or more of the fields of cognitive psychology, operations research, systems analysis, organisational behaviour or management. Only a very elementary level of mathematical ability is assumed.

Teaching Arrangements: Lecture/seminar (Ps159) (2 hours) x 10 Lent Term. Interactive computer-based techniques for modelling and aiding decision making will be introduced through the seminar.

Reading List: J. S. Carrol & E. J. Johnson, *Decision Research: A Field Guide*, LEA, 1990; P. C. Humphreys, O. Svenson & A. Vari (Eds.), *Analysing and Aiding Decision Processes*, North Holland, 1983; I. L. Janis & L. Mann, *Decision Making*, Free Press, 1977; F. Heller, *Decision Making and Leadership*, Tavistock, 1992; J. Hawgood & P. C. Humphreys (Eds.), *Effective Decision Support Systems*, Technical Press, 1987; H. G. Sol & J. Vecsenyi (Eds.), *Environments for Supporting Decision Processes*, North Holland, 1991; E. McLean & H. G. Sol, *Decision Support Systems: A Decade in Perspective*, North Holland, 1987.

Detailed reading lists will be given out at the beginning of the term.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5538

Psychology of Gender (Half unit course)

Teacher Responsible: Dr. J. E. Stockdale, Room S386

Course Intended Primarily for B.Sc. c.u. main field

Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Psychology.

Course Content: Psychological gender attributes and their measurement; sex-role stereotyping, sex-typing and the role of cognitive schemes; identity and moral development; communication, and emotional expression; stress and mental health; cognitive abilities; education; work and leisure; male-female relations, harassment and violence; and opportunity, achievement and the societal context. The measurement and evaluation of gender differences and social-psychological theories of gender-related behaviour are recurrent themes.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminar (Ps157) (2 hours) x 10 Lent Term; Class (Ps157a) (1 hour) x 5 fortnightly Lent Term.

Written Work: A 2,500 word essay will be required.

Reading List: S. Oskamp & M. Costanzo (Eds.), *Gender Issues in Contemporary Society*, Sage, 1993; P. Shaver & C. Hendrick (Eds.), *Sex and Gender*, Sage, 1987; M. S. Kimmel, *Changing Men: New Directions in Research on Men and Masculinity*, Sage, 1987; M. R. Walsh (Ed.), *The Psychology of Women: Ongoing Debates*, Yale University Press, 1987.

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

Examination Arrangements: A two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition students may submit an essay to the Examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5539

The Audience in Mass Communications (Half unit course)

Teacher Responsible: Dr. S. M. Livingstone

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: The psychology of the television audience. The reception of television programmes. The links between theories of interpersonal and mass communications. Approaches to the television audience; the disappearing audience; the active audience; the critical audience. Comprehension and interpretation of texts by readers. Empirical research on audience reception, focussing on specific genres such as the audience discussion programme and the soap opera. Issues of gender, class and culture in audience interpretation. Methods of studying audiences. Developing models of communication and the future of audience research.

Teaching Arrangements: Lecture (Ps158) (1 hour) x 10 Lent Term; Class (2 hours) x 5 fortnightly Lent Term (Ps158).

Written Work: A 2,500 word essay is required.

Reading List: S. M. Livingstone, *Making Sense of Television*, Pergamon, 1990; J. Fiske, *Television*

Culture, Routledge, 1987; T. Liebes & E. Katz, *The Export of Meaning*, Oxford, 1990; R. P. Hawkins, Weimann & Pingree, *Advancing Communication Science*, Sage, 1988; European Journal of Communication, *Communication Research in Europe*, Special Issue, Vol. 2-3, 1990. A number of more specialised texts will also be recommended.

Examination Arrangements: A two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the Examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5540

Political Beliefs and Behaviour (Half unit course)

(Not available 1994-95)

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; Students taking other courses who can take an outside paper are also welcome.

Course Content: The course examines research into the political beliefs and behaviour of citizens in Western democracies. Most attention is given to survey research undertaken in Britain and the United States. The literature on which the course is based is interdisciplinary and includes contributions from political scientists, sociologists and psychologists. Competing models of voting behaviour; Ideology and political attitudes; Authoritarianism; Social structure and political behaviour; Political tolerance; Recent changes in political attitudes, values and behaviour.

Pre-Requisites: Some background knowledge of survey research methodology and attitude research is desirable.

Teaching Arrangements: Lecture/seminar (Ps119) (2 hours) x 10 Lent Term.

Written Work: 2,500 word essay required.

Preliminary Reading List: P. Abramson, *Political Attitudes in America*, W. H. Freeman, San Francisco, 1983; G. Evans, J. Field & S. Witherspoon, *Understanding Political Change*, Pergamon, Oxford, 1991; H. Himmelweit, H. Humphreys & M. Jeager, *How Voters Decide*, OUP, Milton Keynes, 1985; D. R. Kinder & D. O. Sears, 'Public opinion and political protests' in G. Lindzey & E. Aronson (Eds.), *Handbook of Social Psychology*, Vol. 2, (3rd edn.), Random House, New York.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition students may submit an essay to the Examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5541

Cognitive Science and Natural Language (Half unit course)

(Not available 1994-95)

Teacher Responsible: Dr. Bradley Franks

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology

Course Content: Nature and problems of cognitive science. Semantic, syntactic and lexical knowledge. Semantics: compositionality; sense and reference; opacity; proper names and descriptions; possible worlds semantics. Grammar: phrase structure grammars; unification; categorial grammar. Parsing: augmented and recursive transition networks; shift-reduce parsers. Psycholinguistics: models of the human sentence processing mechanism and lexical access. World knowledge and lexical semantics: concepts, typicality and word meaning; intensional and extensional models; sense generation; default inheritance in knowledge representation; nonmonotonic inference.

Pre-Requisites: None for psychology students. Other students may attend at the discretion of the teacher.

Teaching Arrangements: Lecture/seminar (Ps161) (2 hours) x 10 Lent Term.

Written Work: 2,500 word essay required.

Preliminary Reading List: No single text covers the course. Detailed reading lists will be provided for the individual blocks. Some introductory sources are the relevant chapters in: P. N. Johnson-Laird, *Mental Models*, Cambridge, 1983; N. Stillings *et al.*, *Cognitive Science*, MIT Press, 1987.

Slightly more technical sources are: J. Allen, *Natural Language Understanding*, Benjamin Cummings, 1987; B. Grosz *et al.*, (Eds), *Readings in Natural Language Processing*, Morgan Kaufman, 1986; G. Chierchia & S. McConnell-Gillett, *Meaning and Grammar*, MIT, 1990.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition students may submit an essay to the Examiners. The mark obtained on this will not be used to lower the mark obtained at the examination but may be used to raise the final mark in borderline cases.

Ps5542

Organisational Social Psychology

Teacher Responsible: Professor P. C. Humphreys, Room S303. Other teachers: Dr. G. Gaskell, Dr. D. Berkeley and Dr. M. Bauer.

Course Intended Primarily for B.Sc. Social Psychology 3rd year; B.Sc. (Econ.) Special Subject Social Psychology; B.Sc. Management 3rd year. Other students may attend with the discretion of the teacher.

Course Content: The course addresses both the social psychology of organisations and social psychological processes within organisations. It also provides multidisciplinary coverage of the organisational contexts in which social psychologists may work in a variety of professional domains. A basic familiarity with social psychological methods is assumed but their application within organisational processes and contexts will be examined in detail within the course. Organisational investigation, modelling, decision making and change management techniques are covered with emphasis on their social psychological aspects.

Lectures/seminars in the Michaelmas Term:

Introduction: Critique of the tradition and logic underlying organisational psychology (to adapt, predict and control human behaviour); understanding and aiding the creative transformation of organisations; sensitivity to local cultural and social conditions; the language of observation and the language of action. History of organisational analysis: "scientific" management and the development of time and motion. Technology as a political tool. The autonomous working groups and its origins in the human relations movement. The open-systems approach. Motivation and work: ration-economic, social relations and self actualising models of worker motivation. Job design, work activities and effects. Organisational structure: leadership and the concept of bureaucracy; organisational culture, group processes, decision taking; organisations as self-active systems. Structuring organisational decision problems: representation techniques and techniques to improve communicative competence, frameworks for understanding organisational decision making. Organisations as systems: concepts and methodologies, resistance to change, problems and possibilities of doing research in organisations. Implications for practice.

Seminars in the Lent Term: These will centre around discussion of practical and research applications in domains where organisational social psychological investigation and analysis may play a leading role. Each topic will be presented by a member of LSE staff or invited external expert working in the domain. Topics will include project management, consultancy in practice, technology assessment, human reliability and safety management, group psychotherapy and organisational development.

Pre-Requisites: None for psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps120) (11/2 hour) x 20 Michaelmas Term; Seminar (Ps120) (1 hour) x 10 Lent Term.

Written Work: Students will be required to prepare material for presentation at seminars. Written essays will be required.

Reading List: Reading lists on specific topics will be distributed during the course. Texts which are recommended for general use throughout the course are: M. Jackson, *Systems Methodologies for the Management Sciences*, Plennen, 1991; E. H. Schein, *Organisational Psychology*, (3rd Edn.), Prentice Hall, 1988; G. Morgan, *Images of Organisation*, Sage, 1986; C. B. Handy, *Understanding Organisations*, (3rd Edn.), Penguin 1985; E. Jaques, *Requisite Organisation*, Casson Hall, 1989; A. Bryman (Ed.), *Doing Research in Organisations*, Routledge, 1988.

Examination Arrangements: A formal three-hour examination in the Summer Term: 4 questions from a choice of 12. In addition, students may submit an essay to the examiners. The marks obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Ps5543

History of Psychology (Half unit course) (Not available 1994-95)

Teacher Responsible: Professor R. M. Farr, Room S364

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: The long past and the short history of psychology. The influence of positivism both in and on the history of psychology. The creation of false origin myths and the choice of ancestors. The uses of history for apologetic purposes. The emergence, in Germany, of psychology as an experimental and social science. The influence of Wundt on the development of social sciences other than psychology. The development of psychology in Russia. Links between social psychology and psychopathology in the writings of Taine, Sighele, Le Bon and Tarde. F. H. Allport and the establishment, in America, of social psychology as an experimental and social science. Successive *Handbooks of Social Psychology*, 1935-85. Varieties of behaviourism - Watson, Mead and Skinner. The migration of the Gestalt psychologists from Germany and Austria to America.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps151) (1 hour) x 10 Lent Term; Class (Ps151a) (1 hour) x 10 Lent Term.

Written Work: 2,500 word essay required.

Reading List: F. K. Ringer, *The Decline of the German Mandarins: The German academic community, 1890-1933*, Harvard University Press, 1969; K. Danziger, 'The Positivist Repudiation of Wundt', *Journal of the History of the Behavioural Sciences*, 15, 1979; D. Joravsky, *Russian Psychology: A critical history*, Blackwell, 1989; J. Van Ginneken, *Crowds, Psychology and Politics, 1871-1899*, Cambridge University Press, 1992; R. M. Farr, 'The Long Past and the Short History of Social Psychology', *European Journal of Social Psychology*, Vol. 21, No. 5, 1991; J. M. O'Donnell, *The Origins of Behaviourism: American Psychology 1870-1920*, New York University Press, 1985; K. Danziger, *Constructing the Subject: Historical Origins of Psychological Research, 1871-1899*, Cambridge University Press, 1990; K. W. Buchley, *Mechanical Man: John Broadus Watson and the beginnings of behaviourism*, New York: Guilford Press, 1989.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the Examiner. The mark obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

Ps5544

Philosophical Psychology (Half unit course)

(Not available 1994-95)

Teacher Responsible: Mr. A. Wells, Room S384

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology.

Course Content: Historical approaches to the Mind-Body problem from Descartes to Davidson; dualist,

behaviourist, identity and functionalist accounts of the mind-body relation. The requirements on a theory of meaning: Frege, Russell and Strawson. The Realism/Anti-Realism debate: Dummett and psychology. Externalism: a realist riposte.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminars (Ps152) (2 hours) x 10 Lent Term.

Written Work: Essays and class presentations will be required.

Reading List: W. Bechtel, *Philosophy of Mind. An Overview for Cognitive Science*, Lawrence Elbaum Associates, 1988; P. M. Churchland, *Matter and*

Consciousness, MIT Press, 1988; M. Dummett, *Truth and Other Enigmas*, 1978; J. A. Fodor, *The Language of Thought*, Harvester Press, 1975; A. Grayling, *An Introduction to Philosophical Logic*, Duckworth, 1990; M. Lockwood, *Mind, Brain and the Quantum: The Compound 'I'*, Blackwell, 1989; W. G. Lycan, *Mind and Cognition: A Reader*, Blackwell, 1990; C. McGinn, *Mental Content*, Blackwell, 1989.

Examination Arrangements: A formal two-hour examination in the Summer Term: 2 questions from a choice of 5. In addition, students may submit an essay to the Examiner. The mark obtained on this will not be used to lower the examination mark, but may be used to raise the final mark in borderline cases.

SOCIAL POLICY AND ADMINISTRATION

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, ordered by the identity of the degree course for which they are primarily intended.

Lectures and Seminars

Lecture/

Seminar

Number

Course Guide
Number

COURSES PRIMARILY INTENDED FOR UNDERGRADUATES

SA100	Introduction to Social Policy Professor J. Lewis, Miss S. B. Sainsbury and Professor R. A. Pinker	24/MLS	SA5601
SA103	Social Policy Professor H. Glennerster	23/MLS	SA5720; SA6630
SA104	The Government and Politics of Social Policy Dr. P. H. Levin	30/ML	SA5620
SA109	Sociology and Social Policy Professor R. A. Pinker and others	25/MLS	SA5613
SA110	Social Structure and Social Policy To be arranged	25/MLS	SA5623
SA114	Statistics and Computing in Social Investigation Dr. G. Wilson	10/M	SA5622
SA115	Methods of Social Investigation Dr. G. Wilson	10/L	SA5622
SA116	Psychology and Social Policy Mr. D. Cornish	20/ML	SA5753
SA120	Social and Political Theory Professor R. A. Pinker	24/MLS	SA5725
SA121	Educational Policy and Administration Mr. J. Barnes and others	20/ML	SA5730
SA122	Race Relations and Ethnic Minority Groups (Not available 1994-95) Dr. J. Carrier	22/ML	SA5754

Lecture/ Seminar Number			Course Guide Number
SA123	Personal Social Services Miss S. B. Sainsbury	10/M	SA5731; SA6642; SA6680
SA125	Housing and Urban Structure Dr. P. H. Levin	10/M	SA5732; SA6643
SA126	Health Policy and Administration (Not available 1994-95) Dr. J. Carrier	24/MLS	SA5733; SA6661
SA127	Women, The Family and Social Policy in Twentieth Century Britain Professor J. Lewis	24/ML	SA5756
SA128	Sociology of Deviance and Control (Not available 1994-95) Professor D. Downes	10/L	SA5734
SA129	Social Security Policy Mr. M. Reddin and Professor D. Piachaud	15/ML	SA5735; SA6641
SA130	Social Economics Professor D. Piachaud and Dr. M. Kleinman	20/ML	SA5614; SA6773
SA132	The Finance of the Social Services Professor H. Glennerster	24/MLS	SA5755
SA133	Managing the Social Sector Professor H. Glennerster, Dr. D. Billis and Dr. A. Power	20/ML	SA5757
SA164	European Social Policy Dr. S. Mangen	20/ML	SA5758

Course Guides

COURSES INTENDED PRIMARILY FOR UNDERGRADUATES

SA5601

Introduction to Social Policy

Teachers Responsible: Miss S. Sainsbury, Room A250, Professor J. Lewis, Room A280, and Professor R. A. Pinker, Room A243

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. course unit, outside option; B.Sc. Social Policy and Administration, first year students.

Core Syllabus: The course aims to provide an introduction to social policy by examining changes in the way in which social provision has been made over time. The course focuses on Britain, but seeks to set the British experience in comparative perspective. It also aims to give students a framework for understanding the policy making process and an introduction to issues of entitlements and welfare outcomes.

Course Content: The course examines the nature of the mixed economy of welfare and the relative importance of the state, the family, the market and the voluntary sector during the 19th and 20th centuries. It considers changes in ideas about social provision in Britain and the range of variables that may explain the development of social policies in both Britain and other European countries. It considers the growing role of the state in social welfare provision and the nature of the challenges to it in the late 20th century. Issues such as how a social problem is defined, how policies are formulated, administered and revised are illustrated by reference to the fields of health social security, education and housing. Students are invited to consider the concept of social rights; lines of conflict over social provision between social classes, races, generations and between the sexes; and issues of redistribution.

Pre-Requisites: None.

Teaching Arrangements: Lectures: SA100 24 MLS, Classes: SA100(a) 22 weekly MLS.

Written Work: Students will be expected to write one essay per term for class teachers, and to read for and contribute to class discussion each week.

Reading List: Pat Thane, *The Foundations of the Welfare State*; Anne Digby, *British Welfare Policy. Workhouse to Welfare*; Kathleen Jones, *The Making of Social Policy in Britain, 1830-1990*; Martin Loney (Ed.), *The State or the Market. Politics and Welfare in Contemporary Britain*; Norman Johnson, *The Welfare State in Transition*; John Hills (Ed.), *The State of Welfare*; Rodney Lowe, *The Welfare State in Britain since 1945*. These are introductory texts; a full reading list will be provided in the first class of Michaelmas Term.

Examination Arrangements: A three-hour examination in the Summer Term.

SA5613

Sociology and Social Policy

Teacher Responsible: Professor R. Pinker, Room

A243

Course Intended Primarily for B.Sc. Social Policy and Administration, first year students.

Core Syllabus: The aim of the course is to introduce students to major themes and perspectives in the sociological analysis of social policy issues, putting due weight on a grounding in both social theory and empirical studies.

Course Content: The course will examine a series of policy issues in contemporary British society, viewed sociologically. Basic concepts in the analysis of social stratification, the distribution of power, modes of organisation, professionalisation, race and gender are discussed in relation to questions of social and political choice and social policy. The core of the course consists of the examination in this way of a series of topics including class and social status in Britain, political power and elite formation, demographic change, race relations and the position of women, bureaucracy, the role of expertise, the family, poverty and deprivation, health and illness, education, crime and deviance, housing, development planning, the individual and the state, social care and ageing. The variable contribution of sociology to policy formation and the understanding of policy processes is emphasised.

Pre-Requisites: None.

Teaching Arrangements: Lecture course and associated classes.

Lectures: SA109, given by Professor R. Pinker and others. 25 weekly lectures. Sessional.

Classes: SA109(a). Weekly classes.

Written Work: One essay per term is required.

Reading List: There is no set text for the course, and a full reading list is provided at the first class.

Basic Reading: D. Lee & H. Newby, *The Problem of Sociology*; W. G. Runciman, *Social Science and Political Theory*; P. L. Berger, *Invitation to Sociology*; C. Wright Mills, *The Sociological Imagination*; L. Coser, *Masters of Sociological Thought*; A. H. Halsey, *Change in British Society* (2nd edn.); S. Lukes, *Power*; R. A. Pinker, *Social Theory and Social Policy*; I. Reid, *Social Class Differences in Britain*; P. Townsend, *Poverty in the United Kingdom*; C. Husband (Ed.), 'Race' in *Britain: continuity and change*.

Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5614

Social Economics

Teachers Responsible: Professor David Piachaud, Room A240 and Dr. Mark Kleinman, Room A259

Course Intended Primarily for B.Sc. Social Policy and Administration, 1st year.

Course Content: Introduction to economics and its application to social policy. The nature of the economic problem. The role of prices in a market economy. Demand and consumer choice; supply, production costs and market structure. Limitations of markets and government intervention. Taxes and subsidies; tax incidence; social costs and benefits.

Public expenditure in the UK; state and market provision of housing, health services and education.

Unemployment and government economic management. The determination of wages; the role of trade unions; minimum wage legislation; the Social Charter. Low pay and poverty; the distribution of incomes; policies of income redistribution. The application of economic analysis to resource allocation in the public sector.

Pre-Requisites: None.

Teaching Arrangements: Lectures: **Social Economics** (SA130), 20 lectures, Michaelmas and Lent Terms, given by **Professor Piachaud** and **Dr. Kleinman**. Classes: 25 classes.

Written Work: Essays, problem sets and presentations will be required.

Reading List: J. Le Grand & R. Robinson, *The Economics of Social Problems*; A. B. Atkinson, *The Economics of Inequality*; D. Begg, S. Fischer & R. Darnbusch, *Economics*; N. Barr, *Economics of the Welfare State*; J. Stiglitz, *Economics of the Public Sector*.

Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5620

Social Administration

Teacher Responsible: Dr. Peter Levin, Room A251
Course Intended Primarily for B.Sc. Social Policy and Administration, 2nd year; B.Sc. (Econ.) XVIII Social Policy, 2nd year; other B.Sc. (Econ.) and course unit degree students who may take the subject as a 'paper taught outside the Department'.

Course Content: The course deals with the making of social policies in Britain, focusing in particular on the dynamics of the processes by which social policies are formulated and put into effect. It covers the many different forms that social policy takes - statements of intention (like election manifestos and White Papers), Acts of Parliament, formal decisions (e.g. about how resources should be allocated), the practices of government departments, local authorities and other organizations, and actions taken in response to crises, political pressures, etc. It examines the way in which perceptions of social, demographic and economic reality, together with political imperatives, are 'fed in' to the policy-making process, and the way in which the form that the process takes in particular cases reflects the organizational structure of government, the structure and culture of government and the wider political system, the prescribed procedures (as in the legislative process and the public expenditure cycle), and the psychological characteristics of the participants in the process. It looks too at how these factors give 'privileged access' to the process for the interests of certain groups - especially the politicians in power, officials, professionals, and people with good connections to them - while excluding until late, if at all, the interests of others less advantaged.

Considerable use will be made of published case studies, as well as day-by-day reports and comment in the media on selected issues. Theories about government, policy-making, etc. will be examined in the light of the evidence provided by this material.

Pre-Requisites: The course requires some familiarity

with the government and politics of Britain. B.Sc. (Econ.) students will find it advantageous to have taken in Part 1 either **Modern Politics and Government, with special reference to Britain**, or **English Legal Institutions**. Other students should do some reading during the summer vacation (see reading list below).

Teaching Arrangements: SA104 **The Government and Politics of Social Policy**, 30 lectures, Michaelmas and Lent Terms; SA104a **Social Administration classes**, weekly, Sessional.

Written Work: Students are expected to submit a minimum of two essays during the course. They are not expected to give oral presentations at classes, but they are required to have prepared for the class by reading beforehand.

Reading List: Students who have not studied British government and politics at any level should read, before starting the course, an elementary text, such as A. J. Baker, *Examining British Politics* (3rd edn.); N. Forman, *Mastering British Politics* (2nd edn.); Bill Jones *et al.*, *Politics UK*. It will be helpful to browse through recent ministerial memoirs, looking out for reference to social policy fields (health, housing, education, social security, personal social services), public expenditure, and the poll tax. Try M. Thatcher *The Downing Street Years*; N. Lawson, *The View from No 11*; K. Baker, *The Turbulent Years*; N. Ridley, *'My Style of Government'*.

A specialised reading list will be given out for each class.

Examination Arrangements: Students take a three-hour formal examination in the Summer Term. The paper contains twelve or so questions, out of which four must be answered. The content of the paper reflects the topics covered in the classes and lectures.

SA5622

Methods of Social Investigation

Teacher Responsible: Dr. Gail Wilson, Room A270

Course Intended Primarily for B.Sc. Social Policy and Administration, Second year students, Paper 7; B.Sc. (Econ.) XVIII Social Policy Paper 7 (g)

Core Syllabus: The paper aims to give students a comprehensive introduction to methods of social research with a statistical emphasis.

Course Content: The design and analysis of social investigations, particularly those which incorporate the statistical approach. The nature of social measurement. Problems of collecting, ordering and assessing evidence in social enquiry. Elements of sampling theory and the concept of statistical inference. Data collection by means of social survey, participant observation and documentary methods. The use of official data. Basic descriptive and inferential statistics. Analysis of data particularly from surveys and censuses. The use of computers in data analysis. The role of these statistical methods and multivariate techniques in the interpretation of social data and the formulation of social policy.

Pre-Requisites: The paper is part of a course taken by students who have "A" levels in one or more social science subjects, and usually an "O" level in

mathematics. There are no formal pre-requisites, but the course assumes a basic numeracy.

Teaching Arrangements:

The course combines two elements:

(a) **Statistics and Computing in Social Investigation:** lectures, SA114, 10 Michaelmas Term; classes, SA114(a), 20 Michaelmas and Lent Terms.

(b) **Methods of Social Investigation** lectures, SA115, 10 Lent Term; classes, SA115(a) 10 Lent Term.

Written Work: Methods of Social Investigation class students are required to write two essays of about 1,500-2,000 words on a topic prescribed at the beginning of the Lent Term. In the classes active verbal participation by students is expected throughout.

For the Statistics and Computing class, students will use a computer to analyse data, and will be expected to produce summaries and interpretations of their results. A project report will be required in the Michaelmas Term and at the end of the course.

Reading List:

N. Gilbert (Ed.), *Research Social Life*; C. Marsh, *Exploring Data*; G. Rose, *Deciphering Sociological Research*; M. Bulmer (Ed.), *Sociological Research Methods*; C. Moser & G. Kalton, *Survey Methods in Social Investigation*; F. Clegg, *Simple Statistics*; D. Rowntree, *Statistics Without Tears*; J. Weizenbaum, *Computer Power and Human Reason*; D. C. Pitt & B. C. Smith, *The Computer Revolution in Public Administration*; A. S. C. Ehrenberg, *Data Reduction*; T. Roszak, *The Cult of Information*; M. J. Norusis, *SPSS/PC + V2.0 Base Manual*; J. Foster, *SPSS/PC + Beginners Guide*; N. Frude, *A Guide to SPSS/PC +* (2nd edn.); HMSO, *Social Trends* (annually); SCPR, *British Social Attitudes* (annually); HMSO, *General Household Survey* (annually).

Examination Arrangements: The subject is assessed in the Summer Term by one three-hour written paper (75%) and a project report (25%). The written paper is in two parts. Students are required to answer one question in the first part, involving statistical interpretation, and three questions in the second part from a choice of about 10 questions. The project topic will be given out during the Lent Term, and the project report should be handed in to the Examinations Office (H302) by 13th May 1994.

SA5623

Social Structure and Social Policy

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd year; B.Sc. (Econ.) Part II special subject Social Policy 2nd or 3rd year.

Core Syllabus: The application of sociological concepts and research to social institutions and processes which are of particular interest to, and relevance for, students of Social Policy and Administration.

Course Content: The impact of economic, social, and cultural change on the structure of industrial society and an examination of social policy responses to those changes amongst social institutions, processes and policies analysed are: social stratification; race relations and ethnicity; sex and gender roles; chang-

ing family, occupational and demographic structures; the education system; bureaucracy and organisations; the professions; the media; deviance.

Pre-Requisites: None.

Teaching Arrangements: Lectures So120 **Aspects of Contemporary British Society**, 15 Michaelmas and Lent. 25 weekly classes: SA110a **Social Structure and Social Policy** Sessional.

Written Work: Students are expected to prepare one or more class papers each term, and write one class essay per term.

Reading List: P. Abrams & R. Brown (Eds.), *U. K. Society*; D. Coates & J. Hillard (Eds.), *The Economic Decline of Modern Britain*; T. Noble, *Structure and Change in Modern Britain* (2nd edn.); I. Reid, *Social Class Differences in Britain* (2nd edn.); A. H. Halsey, *Change in British Society* (2nd edn.); N. Keyfitz, *Population Change & Social Policy*; H. Glennerster (Ed.), *The Future of the Welfare State*; C. Crouch, *The Politics of Industrial Relations* (2nd edn.); A. H. Halsey *et al.*, *Origins and Destinations*.

Examination Arrangements: The examination consists of a three-hour, unseen written paper with four questions to be answered. The examination paper is based on the topics covered in the Class Topics list.

SA5720

Social Policy

Teacher Responsible: Professor H. Glennerster, Room A279

Course Intended Primarily for B.Sc. (Econ.) XVIII Social Policy (paper 2); B.Sc. Soc. Policy and Admin. 3rd year (paper 9).

Core Syllabus: The range of theoretical approaches to social policy, and the economic and social impact of such policies.

Course Content: Social policy is concerned with the attempts of government and other collective agencies to affect the welfare of individuals and groups. This course centres on social policy in Britain and other industrialised countries analysed conceptually, and comparatively from the perspectives of several social science disciplines. It looks at the application of models to the British welfare system and deals with political ideologies and philosophical ideas underlying choices in social policy. It considers the concepts of need, rationing and resource allocation particularly in the field of public expenditure. It looks at the varied forms of State intervention in the mixed economy of welfare, and at the redistributive impact of policies.

Pre-Requisites: None.

Teaching Arrangements: The weekly lectures (SA103) Social Policy are followed by 1-hour classes (SA103a).

Written Work: One or more students will normally be required to make a brief introduction to each class; but it is expected that students will actively participate in discussion in all classes. Each student will be required to submit a piece of written work to the class teacher at the end of the Michaelmas and Lent Terms.

Reading List: N. Barry, *Welfare*; P. Baldwin, *The Politics of Social Solidarity: class bases of European Welfare States*; G. Esping-Anderson, *The Three Worlds of Welfare Capitalism*; G. Pascall, *Social*

Policy: Feminist Analysis; N. Johnson, *The Welfare State in Transition*; M. Hill, *The Policy Process: A Reader*; J. Lewis, *Women and Social Policies in Europe*.

Supplementary Reading List: Full bibliographies will be given to students at the start of each term.

Examination Arrangements: Students sit one three-hour examination in the Summer Term. They are required to answer four questions.

SA5725

Social and Political Theory

Teacher Responsible: Professor R. A. Pinker, Room A243

Course Intended Primarily for B.Sc. Degree in Social Policy and Administration, third year. Also for third year B.Sc. (Econ.) Social Policy option.

Core Syllabus: The aim of the course is to enable students to examine major issues in social and political theory, and their relation to social policy.

Course Content:

(a) Political theory: the role of the state and the nature of political authority, and problems of distributive justice, are examined in relation to major traditions of political thought, from Hobbes to the present. (b) Social theory: major issues in theory and methodology concerning the bases of social order and social change; social meaning and values; and the grounds for conflict and differentiation. A concern throughout is to discern the implications of these approaches for social policy and political activity. In both sections of the course, the fundamental axioms underlying alternative views of the character of the individual, the community, society and the state are examined in relation to contemporary issues in policy research and policy-making processes.

Pre-Requisites: Normally, students will have taken **Sociology and Social Policy** (SA109), but comparable introductory course material would suffice.

Teaching Arrangements: Lecture course and classes. Lectures: SA120 **Political Theory and Social Policy**, 24 lectures. Students are also encouraged to attend.

So106: **Sociological Theory**, 20 lectures, weekly, Michaelmas and Lent Terms.

25 weekly classes (SA120a) for students in their 3rd Year by Professor Pinker. Classes are one-and-a-half hours.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list is provided at the first class. Basic reading:

J. Plamenatz, *Man and Society* (2 vols.); G. Duncan, *Marx and Mill*; G. Sabine, *A History of Political Thought* (3rd edn.); C. B. Macpherson, *The Political Theory of Possessive Individualism*; R. Aron, *Main Currents in Sociological Thought* (2 Vols.); G. Hawthorne, *Enlightenment and Despair*; A. Giddens, *Capitalism and Modern Social Theory*; T. Bottomore & R. Nisbet (Eds.), *A History of Sociological Thought*; B. O'Leary & P. Dunleavy, *Theories of the State*; I Hampsher-Monk, *A History*

of Modern Political Thought; R. Porter, *The Enlightenment*.

Examination Arrangements: Students sit one three-hour, four question, paper in the Summer Term of their third year.

SA5730

Educational Policy and Administration

Teacher Responsible: John Barnes, Room K309

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd and 3rd year students; B.Sc. (Econ.) Part II; B.Sc. course unit.

Core Syllabus: The course deals mainly with educational policy making in Britain - its decision-making processes, institutional structure and forms of finance and provision at all levels from primary to higher education.

Course Content: The formation of educational policy in Britain; the changing role of central and local government; school governing bodies; professional organisations and pressure groups. The changing provision of education - costs, methods of finance, distribution of resources, educational planning. Issues, research and policies concerning sex, race and class differences in educational performance; pre-school provision and post-school training.

Pre-Requisites: None.

Teaching Arrangements: Twenty lectures in the Michaelmas and Lent Terms (SA121). Weekly classes (SA121a) throughout the session.

Written Work: Students are expected to prepare one or more class papers each term, and write one class essay per term.

Reading List: The following list is introductory. Detailed bibliographies will be given out with the class programme.

M. Arnot (Ed.), *Race and Gender: Equal Opportunities Policies in Education*; S. J. Ball, *Politics and Policy Making in Education*; T. Becher & M. Kogan, *Process and Structure in Higher Education* (2nd edn.); R. Dale, *The State and Education Policy*; J. Finch, *Education as Social Policy*; H. Glennerster, *Paying for Welfare*; H. Glennerster & W. Law, 'Education and the Welfare State' in J. Hills (Ed.), *The State of Welfare*; P. Gordon, *Education since the Second World War*; P. Gosden, *The Education System since 1944*; A. H. Halsey, *Origins and Destinations*; D. Lawton, *The Politics of the School Curriculum*; A. Hargreaves & D. Reynolds (Eds.), *Education Policies: Controversies and Critiques*; P. Lodge & T. Blackstone, *Educational Policy and Educational Inequality*; S. Maclure, *Education Re-formed* (2nd edn.); G. Psacharopoulos, *Economics of Education: Research and Studies*; S. Ransom, B. Taylor & T. Brighouse (Eds.), *The Revolution in Education and Training*; S. Ransom & J. R. G. Tomlinson (Eds.), *The Changing Government of Education*; M. Rutter et al., *Fifteen Thousand Hours*; J. Sallis, *Schools, Parents and Governors*; A New Approach to Accountability; M. Sanderson, *Educational Opportunity and Social Change in England*; D. J. Smith, *The School Effect*.

Examination Arrangements: The examination con-

sists of a three-hour, unseen written paper with four questions to be answered. The examination paper is based on the topics covered in the classes.

SA5731

Personal Social Services

(Not available 1994-95)

Teacher Responsible: Sally Sainsbury, Room A250
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. Social Policy and Administration; B.Sc. course unit.

Core Syllabus: The development and operation of the personal social services in Britain since the Second World War will be discussed in the context of economic, political, social and demographic change.

Course Content: The personal social services, with special reference to Britain: an examination of their goals and functions, the ethical and political issues they raise and the underlying concepts, values and assumptions. An examination of policies and legislation. Different concepts and measures of need; policy choices and their consequences. Patterns and problems of social intervention. The role of social work; professionalisation, domiciliary, day and residential care, community work and development. Inter-organisational and management issues: performance indices and evaluation; the interaction of central and local government; the voluntary sector; pressure groups; the clientele; private and community patterns of service.

Pre-Requisites: None.

Teaching Arrangements: One lecture course accompanied by classes.

Lectures: SA123, 10 Michaelmas Term.

Classes; SA123(a), 24 Michaelmas, Lent and Summer Terms.

Written Work: Students are expected to write one essay per term for the class teacher, and to read for and contribute to class discussion each week.

Reading List: No single book covers the entire syllabus; the following are useful introductory texts. P. Townsend, *The Last Refuge*: RKP, 1962; *Report of the Committee on Local Authority and Allied Personal Social Services*, (Seebohm), Cmmd. 3703, 1968; A. Tinker, *The Elderly in Modern Society*, Longman, 1984; K. Jones, *Experience in Mental Health*, Sage, 1988; A. Webb & G. Wistow, *Social Work, Social Care and Social Planning*, Longman, 1987.

A full bibliography will be provided with the programme of class topics.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 12 questions, of which four are to be answered. Each question is allocated equal marks.

SA5732

Housing and Urban Structure

Teacher Responsible: Dr. Peter Levin, Room A251
Course Intended Primarily for B.Sc. Social Policy and Administration; B.Sc. (Econ.), Social Policy;

other B.Sc. (Econ.) students who may take the subject in Part II as a 'paper taught outside the Department'; B.Sc. course unit. Geography and Sociology students are particularly welcome.

Course Content: The aim of the course is to introduce students to the study of housing and urban structure and to equip them with basic questions and techniques for exploring and analysing the processes at work in cities and housing markets. It does this by adopting an issue-oriented approach, ie. by taking certain issues and exploring what lies behind them. The course deals mainly with England and Wales, although there is a comparative component.

The following topics are representative of those covered:

The housing system: the causes and consequences of the growth of owner-occupation and housing associations, the decline of private renting, the sale of council housing. *Housing policy:* how housing policy is made; central-local relations; why should the State be involved in housing? *Access to housing:* the problems facing newcomers to the housing market; homelessness. *Council housing:* the changing role of council housing; the experience of being a council tenant; tenant participation and decentralized management; the problems of run-down estates. *Social groups:* the concept of housing class; the position vis-a-vis housing of women, the elderly, members of minority ethnic groups. *Urban structure and policy:* who lives where in British cities?; urban deprivation; 'inner city' policy; 'gentrification'; urban development corporations - the London docklands example. *Planning:* the British planning system; public participation; who gains and who loses from urban planning?; how does the built environment affect social behaviour?

Pre-Requisites: Students who have taken introductory courses in social policy and administration, public administration, sociology, economics or geography will have a useful foundation. More important are curiosity about the subject matter and the desire to relate one's personal experience of living in a town or city to a wider context.

Teaching Arrangements: SA125 **Housing and Urban Structure**, ten lectures, Michaelmas Term; SA125a, weekly classes, Sessional. The range of possible class topics is very wide: the actual programme will be decided in consultation with the members of the class and will take their particular interests into account wherever possible.

Written Work: Each student will be expected to prepare and give a 20-minute oral presentation at two or three classes during the year. It is expected that students will in addition submit a minimum of two essays during the year.

Reading List: The following introductory texts are recommended: K. Bassett & J. Short, *Housing and Residential Structure*; J. R. Short, *Housing in Britain*; P. Hall (Ed.), *The Inner City in Context*; T. Brindley et al., *Remaking Planning*; P. Lawless, *The Evolution of Spatial Policy*; P. Ambrose, *Whatever Happened to Planning?*; P. Malpass & A. Murie, *Housing Policy and Practice* (3rd edn.); D. Clapham et al., *Housing and Social Policy*; S. MacGregor & B. Pimlott, *Tackling the Inner Cities*; J. Allen & C. Hamnett, *Housing and Labour Markets*.

Specialised lists will be given out for particular classes and lectures.

Examination Arrangements: Students take a three-hour formal examination in the Summer Term. The paper usually contains twelve or so questions, out of which four must be answered. The content of the paper reflects the topics covered in classes and lectures.

SA5733

Health Policy and Administration

(Not available 1994-95)

Teacher Responsible: Dr. John Carrier, Room A238

Course Intended Primarily for B.Sc. (Econ.) Part II. B.Sc. Social Policy and Administration; B.Sc. course unit.

Core Syllabus: The aim of the paper is to introduce students to the main issues involved in the administration of health services in modern societies, drawing mainly upon the example of the National Health Service in England and Wales.

Course Content: The determinants of health improvement; the organisation and finance of the National Health Service. The planning of acute services, general practice, and services for particular groups, (e.g. the maternity services, services for the mentally ill and mentally handicapped). Prescribing and the pharmaceutical industry; the problem of priorities and planning, medical education and the distribution of medical manpower.

Pre-Requisites: Students are not expected to have any specialised knowledge of health service provision in general or the NHS in particular, but they should be familiar with the basic concepts used in social policy, especially those used in the study of either/or public administration, political science, sociology and economics.

Teaching Arrangements: The lecture course (SA126) is given by Professors Le Grand and Abel-Smith, Dr. John Carrier and others. Each lecture is supported by a 1½ hour class fortnightly (SA126a). Students are expected to produce written papers for class discussion (at least one paper per student for the course, depending on the numbers who attend). Several hours of private study are expected in the preparation for classes each week, whether or not the student is presenting a class paper.

Written Work: In addition to the class paper referred to above students are expected to produce at least two essays of between 1,500 and 2,000 words each for the class teacher during the length of the course. Individual teachers will set, read and discuss this work with the individual student.

Reading List: The reading list is the minimum necessary reading for this course. Specialised reading for lecture topics will be given out by lecturers responsible for particular aspects of the course.

Students should attempt to buy some of the following: B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976, out of print); Christopher Ham, *Health Policy in Britain* (The Macmillan Press, 1982); R. Klein, *The Politics of Health* (Longman, 1983); HMSO, *Working for Patients*, (White Paper, Cmnd. 555 January 1989); S. Harrison et al., *The Dynamics of British Health Policy* (Unwin Hyman, 1990); J. Carrier & I.

Kendall (Eds.), *Socialism and the NHS* (Avebury 1990); J. Carrier & I. Kendall, *Medical Negligence: Complaints and Compensation* (Avebury 1990).

The above literature is available in the LSE Library but students will be advised which specialised libraries near to the School can also be used.

Supplementary Reading List: This is given out at the beginning of the course, and reflects the special interests of the subject lecturers.

Examination Arrangements: A three-hour written examination. The usual format requires students to answer four questions out of a choice of 14/15; all carry equal marks.

SA5734

Sociology of Deviance and Control

(Not available 1994-95)

Teacher Responsible: Professor D. M. Downes, Room A237

Course Intended Primarily for B.Sc. (Econ.) Social Policy Option, second or third year; B.Sc. course unit, second or third year.

Core Syllabus: The aim of the course is to introduce students to the major theories of deviance and control, and their relevance for social policy, with special reference to the criminal justice and penal spheres.

Course Content: Detailed consideration is given to the major sociological perspectives on deviance and control, including Ecology and the 'Chicago School', functionalism, Marxism, cultural and sub-cultural theories, symbolic interactionism and allied approaches and 'control' theories. The emphasis throughout is upon the empirical application of these approaches to substantive areas of deviance such as various forms of crime and delinquency, mental illness and drug use. Developments and issues in the criminal justice system in Britain over the past two centuries are examined in the light of these perspectives and comparative material from other societies.

Pre-Requisites: Introductory courses in sociological theory and social structure.

Teaching Arrangements: There is a lecture course and classes.

Lectures: So144: **Sociology of Deviant Behaviour**, given by Professor Downes and Professor Rock (Room A454B). There are ten lectures, one per week in the Lent Term only.

Classes; SA128(a): 25 weekly classes. Classes are one and a half hours long; the teacher is Professor Downes.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list, covering all classes, is provided at the first class. The following is basic reading:

D. M. Downes & P. E. Rock, *Understanding Deviance*, 2nd edn.; H. Becker, *Outsiders*, 2nd edn.; A. K. Cohen, *Deviance and Control*; E. Currie, *Confronting Crime: An American Challenge*; D. Garland, *Punishment and Modern Society*; D. Matza, *Becoming Deviant*; I. Taylor, P. Walton & J. Young, *The New Criminology*; S. Cohen, *Folk Devils and Moral Panics*, 2nd edn.; S. Cohen & L. Taylor,

Psychological Survival; S. Box, *Deviance, Reality and Society*, 2nd edn.; R. King & R. Morgan, *The Future of the Prison System*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; E. Rubington & M. Weinberg (Eds.), *Deviance; The Interactionist Perspective*, 2nd edn.; W. G. Carson & P. Wiles (Eds.), *Crime and Delinquency in Britain*, Vols. 1 and 2; D. Garland & P. Young, *The Power to Punish*.

Examination Arrangements: Students sit one three-hour examination in the Summer Term of third year. Four questions must be answered from a total of c.14.

SA5735

Social Security Policy

Teachers Responsible: Professor D. Piachaud, Room A240 and Mr. Mike Reddin, Room A201

Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd year; B.Sc. Soc. Pol. and Admin. 2nd or 3rd year. This course will be offered if there is a sufficient number of students.

Core Syllabus: The theory and practice of social security. The ends and means of income maintenance and social security systems, with special reference to Britain; the philosophical and political issues they raise and the underlying concepts, values and assumptions. Techniques and strategies of income support. The definition of poverty and criteria for determining the scope and level of social security benefits. Social and economic developments and their consequences for social security policies. Alternative approaches to income maintenance.

Pre-Requisites: None.

Teaching Arrangements: Lectures (SA129) **Social Security:** 15 lectures in the Michaelmas and Lent Terms that cover techniques of income maintenance, poverty; redistribution; provisions for the elderly, children and unemployed people; universal, selective, occupational and fiscal approaches to income support. Classes (SA129a): 20 classes in the Michaelmas and Lent Terms.

Written Work: Class papers will be required.

Reading List: Basic reading for the course comprises: A. B. Atkinson, *The Economics of Inequality*, 2nd edn., Oxford, 1993; S. Baldwin, G. Parker & R. Walker, *Social Security and Community Care*, Avebury, 1988; S. Baldwin & J. Falkingham (Eds.), *Social Security and Social Change*, Harvester Wheatsheaf, 1994; N. Barr, *Economics of the Welfare State*, 2nd edn., Weidenfeld, 1993; A. Deacon & J. Bradshaw, *Reserved for the Poor*, Blackwell, 1983; M. Hill, *Social Security Policy in Britain*, Edward Elgar, 1990; J. Hills & J. Ditch (Eds.), *Beveridge and Social Security*, Oxford, 1994; P. Townsend, *Poverty in the United Kingdom*, Allen Lane, 1979.

Examination Arrangements: The examination in the Summer Term consists of a three-hour paper in which four questions have to be answered.

SA5753

Psychology and Social Policy

Teacher Responsible: Mr. Derek Cornish, Room A262

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd or 3rd year; B.Sc. (Econ.) Part II Special subject Social Policy, 2nd or 3rd year.

Core Syllabus: This course analyses the influence of psychological assumptions and knowledge about human behaviour upon our understanding of social problems, and upon the responses of social policy.

Course Content: The course falls into three broad areas:

(1) Theories and debates: provides preliminary groundwork by examining major psychological explanations of human behaviour and the range of contrasting assumptions underpinning them; (2) Explanations of social problems; critically evaluates the nature, strengths and limitations of psychological understandings of, and responses to, selected social problems and issues; and (3) Impact on policy: analyses selected policies from the standpoint of the nature of the psychological assumptions involved and the accuracy of the psychological knowledge that has been, or could be deployed.

Pre-Requisites: None.

Teaching Arrangements: Lecture course SA320/SA116 **Psychology, Social Policy and Social Work** (10 lectures, Michaelmas Term) SA116 (10 lectures, Lent Term) Weekly classes (Sessional) SA116a **Psychology and Social Policy**.

Written Work: A minimum of two essays will be required. Students will also be asked to present class papers.

Reading: A comprehensive bibliography will be provided.

Examination Arrangements: Three-hour unseen paper in the Summer Term; four questions to be answered.

SA5754

Race Relations and Ethnic Minority Groups

(Not available 1994-1995)

Teachers Responsible: Dr. J. Carrier, Room A238 and others

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd and 3rd years; B.Sc. Sociology 2nd & 3rd years; B.Sc. (Econ.) Part II; B.Sc. course unit, outside option.

Core Syllabus: The paper aims to introduce students to the historical, comparative and contemporary study of the sociology of race relations, and to policy issues involving race in contemporary Britain.

Course Content: A study of social differentiation by race or ethnicity in human societies; the nature, causes and consequences of such differentiation; the social and psychological processes involved; and the structure and dynamics of racially-differentiated and ethnically plural societies. To include: an examination of concepts and theories relating to this field; a comparative analysis of relevant structures and processes in modern industrial and other societies; study of aspects of race in contemporary Britain; and an examination of group and policy responses in racial or ethnic situations, and their research implications.

Pre-Requisites: Students taking the course should preferably have completed an introductory course in

sociology. Previous work in history or social policy or social anthropology would be an advantage.

Teaching Arrangements: Lectures: SA122, 22 Michaelmas and Lent Terms; Classes: SA122(a), 22 Michaelmas, Lent and Summer Terms.

Written Work: Work will be set and marked by the lecturers. Each student taking the course will be expected to make one verbal presentation of about 20 minutes at each of two of the 22 classes during the year. In addition, in the Michaelmas and Lent Terms there will be a term essay of 1,500-2,000 words to be handed in by the end of term.

Reading List: The following books are basic texts recommended for student purchase: E. E. Cashmore & B. Troyna, *Introduction to Race Relations* (2nd edn., 1990); J. Solomos, *Race and Racism in Contemporary Britain*; J. Stone, *Racial Conflict in Contemporary Society*; C. Husband (Ed.), "Race" in *Britain: Continuity and Change*.

Examination Arrangements: By three-hour formal examination in the Summer Term, based on the full syllabus. A choice of questions is provided. Candidates should answer four questions, and each question carries equal marks.

SA5755

The Finance of the Social Services

Teacher Responsible: Professor H. Glennerster, Room A279

Course Intended Primarily for B.Sc. Social Policy and Administration (2nd and 3rd year students); B.Sc. (Econ.) Part II Social Policy and as an outside option for other special subjects. General Course students welcome.

Core Syllabus: The aim is to provide a detailed account of the way services are financed in Britain. Alternatives and current issues. The course follows Professor Glennerster's *Paying for Welfare* as a key text.

Course Content: The course starts from the idea that finance is an important aspect of power. The aims of the course are to equip students with a clear understanding of where welfare finance comes from and what are the theoretical, political and technical influences on its allocation; to give an understanding of welfare finance; and to analyse the various initiatives which are leading to changes in welfare financing: privatisation, devolved budgeting, value for money etc. Students will have the opportunity to select topics for detailed discussion and analysis during the course. The course will consider alternative ways of financing social welfare in theory and practice: the scale and growth of public expenditure on social services in the UK and other developed nations and its relation with the wider economy; the nature of public expenditure, planning and control, tax expenditure, forms of central grant to local authorities, and the local authority budget process in Britain; the scope of charges, giving and voluntary action.

Pre-Requisites: None.

Teaching Arrangements: 20 lectures (SA132). Sessional classes (SA132a). Class work will consist of exercises and presentations.

Written Work: One class essay per term minimum and a class presentation each term.

Reading List: N. Barr, *The Economics of the Welfare State*; N. Barr & D. Whyne, *Current Issues in the Economics of Welfare*; H. Glennerster, *Paying for Welfare: the Nineties*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*; J. Hills (Ed.), *The State of Welfare*; J. Hills, *The Future of Welfare*; A. Likierman, *Public Expenditure; who really controls it and how?*; A. R. Prest & N. Barr, *Public Finance in Theory and Practice*; C. D. Foster et al., *Local Government Finance in a Unitary State*; *Top-Up Loans for Students*, Cm. 520; *Working for Patients*, Cm. 555; *Caring for People*, Cm. 849.

There will also be a substantial number of articles drawn from journals like *Public Money*, reports of the Audit Commission and central government and local authority publications.

Examination Arrangements: A three-hour four question examination.

SA5756

Women, The Family and Social Policy in Twentieth Century Britain

Teacher Responsible: Professor J. Lewis, Room A280

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd and 3rd year, available as an outside option for B.Sc. (Econ.) Part II and B.Sc. (Econ.) Special Subject Social Policy, B.Sc. course units.

Core Syllabus: The course draws on an interdisciplinary literature to reach an understanding of (i) women's position in the family in twentieth century Britain. (ii) how women's position in the family structures their position in the wider society, and (iii) how social policies serve to constrain or widen women's choices. The approach will be historical and will examine how ideas about women's family membership, responsibilities, and roles have changed. The course also aims to show how major concepts in social policy, such as inequality and redistribution, social justice, rights and dependency can be used in the study of women and the family.

Course Content: The first part of the course traces the shifts in the sexual division of labour and in the boundary between the private sphere of the family and the public world. It goes on to examine the changing composition and definition of 'the' family; changing ideas of women's role in the family, especially as mothers; the pattern of distribution of resources within the family, including discussion of the family wage and the 'feminisation of poverty'; the relationship between the individual, the family and the state; and the concept of 'family policy'.

The second part of the course focuses on women's experience of the family by taking up particular issues and the development of social policies in relation to them, for example: childbirth; birth control; abortion and artificial reproduction; marriage and family breakdown; single parent families; domestic labour; care of the elderly; and returning at the end to consider the implications of our findings for policies designed to further the equality of women in society.

Pre-Requisites: None.

Teaching Arrangements: 15 lectures (SA127) in

Michaelmas and Lent Terms, and 24 weekly classes throughout the session.

Written Work: Presentation of 2 or 3 short class papers during the session and one essay per term.

Reading List: Gillian Pascall, *Social Policy A Feminist Analysis*; A. Showstack Sassoon, *Women and the State*; J. Lewis, *Women in Britain since 1945*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the topics covered in classes. Each question is allocated equal marks.

SA5757

Managing the Social Sector

Teachers Responsible: Professor H. Glennerster, Room A279 and Dr. D. Billis, Room A281

Course Intended Primarily for B.Sc. in Management (2nd and 3rd year group E); other B.Sc. course unit and B.Sc. (Econ.) students with the agreement of their teachers.

Core Syllabus: The distinctive focus of this course is upon management of human service agencies in the public, voluntary and private sectors. The main emphasis is upon the social services, health and housing. It aims to give students a basic understanding of the different types of organisation studied from the perspective of several social science disciplines.

Course Content: The course focuses upon the management of social service and welfare agencies in the public, voluntary and private sectors; the nature and structure of public and voluntary organisations in the social sector; centralised and decentralised structures; formal and informal structures; how structure reflects the task of the organisation; accountability within the organisation, links to other bodies and inter-agency cooperation, the extent of professionalisation among the staff. Differences in management values, government and decision making between for-profit, public welfare and non-profit organizations; organizational design and alternative agency structure. Strategic planning and budgeting for the delivery of welfare services. Formulating contracts with private and voluntary agencies, contract compliance, regulation of standards. Decentralised management and user involvement. Monitoring, control and redress of grievance. Relations with clients; advocacy schemes and welfare rights. Responding to client need in the management of the organization. Organizational change and growth.

The main examples treated in the course will be taken from statutory organizations in the health, housing and social services fields and from voluntary, non-profit organizations in those fields.

Teaching Arrangements: 24 lectures and classes MLS (SA133). A weekly lecture and class will follow directly. This will enable the time to be used flexibly. Case study and problem solving approaches drawn from actual situations will be used.

Reading List: General: D. Billis, *Organising Public and Voluntary Agencies*; H. Glennerster, *Paying for Welfare*; N. Flynn, *Public Sector Management*; A. Power, *Housing Management: a Guide to Quality and Creativity*; P. Day & R. Klein, *Accountabilities:*

five public services; R. Hadley & K. Young, *Creating a Responsive Public Service*; J. Stewart & S. Ranson, 'Management in the Public Domain' in *Public Money and Management*, Spring-Summer 1988; E. Savas, *Privatisation*; K. Ascher, *The Politics of Privatisation*; M. Lipsky, *Street Level Bureaucracy*; R. Prottas, *People Processing*; L. Howe, *Being Unemployed in Northern Ireland*; J. Kooiman & K. Eliassen (Eds.), *Managing Public Organisations: lessons from contemporary European experience*.

Social Service: T. Bamford, *Managing Social Work*; D. Billis et al., *Managing Social Service Departments*; V. Coulshed, *Management in Social Work*; C. Hallett, *The Personal Social Services in Local government*; O. Stevenson & P. Parsloe (Eds.), *Social Service Teams*; A. Webb & G. Wistow, *Social Work, Social Care and Social Planning*.

Health: R. Jacques (Ed.), *Health Services*; DHSS (1983) *NHS Management Inquiry* (Griffiths Report); R. Bennett (Ed.), *Decentralisation, Local Governments and Markets; towards a post-welfare agenda*; M. Bury et al. (Eds.), *The Sociology of the Health Service*; N. Korman & H. Glennerster, *Hospital Closure*; J. P. Martin, *Hospitals in Trouble*; P. Owens & H. Glennerster, *Nursing in Conflict*; S. Harrison, *Managing the National Health Service*.

Housing: P. Malpass & A. Murie, *Housing Policy and Practice*; A. Power *Housing Management*; Audit Commission, *Managing the Crisis in Council Housing*; A. Power, *Property Before People*.

The Voluntary Sector: D. Billis & M. Harris, *Organising Voluntary Agencies: a guide through the literature*; R. Kramer, *Voluntary Agencies in the Welfare State*; M. Moyer (Ed.), *Managing Voluntary Organizations*; S. Hatch, *Outside the State*; P. Berger & R. Neuhaus, *To Empower People*; C. Milofsky (Ed.), *Journal of Non-Profit Management and Leadership*; R. Butler & D. Wilson, *Managing Voluntary and Non-profit Organizations*.

Examination Arrangements: The course will be examined by (a) an essay of not more than 2,500 words set by the teachers on the course, to be handed in by May 1st in the year of the examination, carrying 25% of the marks for the paper; (b) a three-hour unseen paper sat in May-June at the end of the course, based on the full syllabus, carrying 75% of the marks for the paper. Candidates will be expected to answer four out of twelve questions.

SA5758

European Social Policy

Teacher Responsible: Dr. S. P. Mangen, Room A261

Course Intended Primarily for B.A. European Studies 4th year; B.Sc. (Econ.) Part II 2nd or 3rd year; B.Sc. Social Policy and Administration 2nd or 3rd year.

Core Syllabus: The course is concerned with the emergence and subsequent development of welfare states and contemporary social policies in Western Europe, focusing particularly on EC countries.

Social policy-making at the EC level also forms an important component.

Course Content: A cross-national analysis of the development of Western European welfare states in their political, social and economic contexts. The first part of the course traces the emergence of collective social provisions from the last quarter of the nineteenth-century. In the second part, lectures and seminars focus on current processes of policy-making and implementation, and these are discussed in the context of contemporary issues in social policy; demographic trends and the planning of welfare; the fiscal crisis and the funding of social security; new poverty; policies for priority groups and 'community care'; women and the welfare state and urban problems. Teaching in the third part is devoted to social policy-making at the EC level and to the issue of the 'social dimension' of the Single European Market.

Pre-Requisites: None, although knowledge of a major European language would be an advantage.

Teaching Arrangements: Twenty lectures (SA164) in the Michaelmas and Lent Terms. Lectures are held twice weekly in weeks 2 to 5 of the Michaelmas Term. Twenty-three weekly classes (SA164a) beginning in week three of the Michaelmas Term.

Reading List: Some introductory texts are:

A. J. Heidenheimer *et. al.*, *Comparative Public Policy* (3rd edn.); C. Jones, *Patterns of Social Policy*; R. Mishra, *The Welfare State in Capitalist Society*; H. L. Wilensky *et. al.*, *Comparative Social Policy*; M. Gold, *The Social Dimension* (Macmillan); J. Bailey, *Social Europe* (Longman); A. Cochrane & J. Clarke, *Comparing Welfare States*, (Sage); Springer, *The Social Dimension of 1992* (Praeger); M. Wise & R. Gibb, *Single Market to Social Europe* (Longman); Esping-Andersen, *The Three Worlds of Welfare Capitalism* (Polity).

Examination Arrangements: There is a three-hour formal examination in June.

SA5799

A Long Essay on an Approved Topic

Teacher Responsible: Departmental Tutor, Department of Social Policy and Administration

Course Intended Primarily for B.Sc. Social Policy and Administration; Compulsory subject in third year and B.Sc. (Econ.) special subject Social Policy, third year option.

Core Syllabus: An essay of not more than 7,000 words on a topic to be approved by the candidate's teachers. It is designed to allow a detailed and thorough exploration of an area of interest to the student. The essay should be on a topic area within the field of the degree course; it may involve original field work, or the analysis and appraisal of existing literature.

Teaching Arrangements: Students will pursue their long essay under the supervision of their personal tutor during the third year of their studies. They will agree with their tutor, and submit to the Departmental tutor, a title for the essay by November 1st in the third year. Tutors can be expected to offer advice on reading, guidance on the construction of the work and comment on an initial draft.

Examination Arrangements: The essay must be submitted to the Departmental Tutor by May 1st in the student's third year. It should be typewritten. Precise details on format and presentation will be issued by the Department at the end of the second year of study. Candidates may be called for an oral examination if the Examiners wish to satisfy themselves that the essay is the candidate's own work.

SOCIOLOGY

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
So100	Principles of Sociology Dr. A. W. Swingewood and Dr. S. Taylor	24/MLS So5802
So102	Statistics Research and Sociology (Not available 1994-95)	5/S So102
So103	Issues and Methods of Social Research Mr. C. Mills	30/MLS So5801; SA5622
So105	Basic Issues in Comparative Sociology Professor A. D. Smith and Mr. M. Burrage	22/MLS So5822
So106	Sociological Theory Professor N. Mouzelis and Dr. A. W. Swingewood	20/ML SA5725; So5821; So6815
So111	Social and Moral Philosophy Professor E. V. Barker	25/MLS So5810
So112	Industrial Enterprise in Comparative Perspective Mr. M. Burrage	20/MLS So5811
So113	Society and Literature Dr. A. W. Swingewood	20/ML So5945
So114	The Psychoanalytic Study of Society Dr. C. Badcock	25/MLS So5960
So115	Evolution and Social Behaviour Dr. C. Badcock	25/MLS So5961
So120	Aspects of Contemporary British Society To be announced	20/ML So5809; SA5623

Lecture/
Seminar
NumberCourse Guide
Number

So121	The Social Structure of Russia and the CIS Dr. E. A. Weinberg	25/MLS	So5860
So130	Political Sociology (alternate years) (Not available 1994-95) Mr. A. W. G. Stewart	23/MLS	So5880; So6853
So131	Political Processes and Social Change (alternate years) Mr. A. W. G. Stewart	23/MLS	So5881; So6852
So132	Sociology of Development (alternate years) (Not available 1994-95) Dr. L. Sklair	24/MLS	So5882; So6831
So133	Theories and Problems of Nationalism Professor A. D. Smith, Professor J. B. L. Mayall and Mr. G. Schöpflin	20/MLS	So5883; So6831; So6850
So140	Sociology of Work, Management and Employment Professor S. R. Hill	20/ML	So5923; Id4202; So6832
So141	Women in Society (Not available 1994-95) To be announced	24/MLS	So5918; So6883
So142	Sociology of Religion Professor E. V. Barker	25/MLS	So5921; So6880
So143	Criminology (May not be available 1994-95) To be announced	20/ML	So5919
So144	Sociology of Deviant Behaviour Professor P. E. Rock	10/L	So5920; SA5734
So145	Sociology of Medicine (Not available 1994-95) Dr. S. Taylor	20/ML	So5922

Course Guides

So102

Statistics Research and Sociology

(Not available 1994-95)

Teacher Responsible: Mr. C. Mills

Course Intended Primarily for First year Sociology specialists; B.Sc. (Econ.) Part II; Dip. Soc.

Core Syllabus: These lectures are intended to provide links between the statistics course SM7215 and the other sociology courses, especially those taken in the first year.

Course Content: The role of statistics in social research and in sociological analysis. Examples will be chosen from recent British studies.

Teaching Arrangements: Lectures (So102), 5 Summer Term.

Reading List: A. Heath, *Social Mobility*; G. Rose, *Deciphering Sociological Research*; M. Rosenberg, *The Logic of Survey Analysis*; J. Silvey, *Deciphering Data*; J. Westergaard & H. Resler, *Class in a Capitalist Society*; *Social Trends* (annually).

Examination Arrangements: This course is not examined, and is not intended as preparation of any particular examination.

So5801
So6960**Issues and Methods of Social Research**

Teacher Responsible: Mr. C. Mills, Room S875, and others

Course Intended Primarily for students in the B.Sc. course unit, main field Sociology (compulsory course to be taken in the first, second or third year) and B.Sc. (Econ.) Part II, special subject Sociology (compulsory course to be taken in the second or third year). Students are normally advised to take this course in their second year of study. Diploma in Sociology.

Core Syllabus: The aim of the course is to introduce students to central issues and basic techniques in the conduct of research in sociology.

Course Content: The course examines issues and methods of social research using examples from a number of sociological works. It covers elementary aspects of the philosophy of science, the relationship between research and theory, study design and sampling, and the main approaches to doing sociological research, including social surveys, experiments and quasi-experiments, field research and participant observation, and unobtrusive methods. Students are made familiar with the concepts of reliability and validity, with specific techniques of data-gathering (such as interviews and questionnaires) and with the measurement devices appropriate for particular tasks (e.g., various types of attitude measurement). The course covers differing approaches to data analysis, in particular various techniques for handling confounding variables and the construction of simple causal models. There is also material on the sources and problems of validity of certain major types of data, such as official data like crime statistics, wealth data and basic demographic statistics. Students work

throughout the year on research projects.

Pre-Requisites: Students must be concurrently taking, or must have completed, the course SM7215 **Statistical Methods for Social Research** (or an equivalent course).

Teaching Arrangements: The course comprises a series of twenty lectures, ten fortnightly workshop classes, and twenty-four weekly classes in small groups.

Lectures: So103 **Issues and Methods of Social Investigation** Michaelmas Term.

Workshop Classes: So103 Sessional (fortnightly starting in the second week of the Michaelmas Term). Classes; So103(a) Sessional.

The lectures provide a comprehensive coverage of topics in the syllabus. The fortnightly workshop classes aim to coordinate practical work on the project and to show how lecture material can be applied to the project. In the weekly classes there will be sixteen devoted to the project and eight to topics selected directly from the syllabus. Students should note that the lectures, the workshop classes and the weekly classes are all essential parts of the course.

Written Work: There is a compulsory assignment distributed at the end of the Michaelmas Term to be handed in by the end of the first full week of the Lent Term. There is also a compulsory research report that contributes to the examination for the course, details of which are given below.

Reading List: There is no single textbook that covers the content of the whole course but students are encouraged to buy:

C. M. Judd, E. R. Smith & L. H. Kidder, *Research Methods in Social Relations* (6th edn.).

Other useful textbooks are:

M. I. A. Bulmer (Ed.), *Sociological Research Methods* (2nd edn.); C. Marsh, *The Survey Method*; C. A. Moser & G. Kalton, *Survey Methods in Social Investigation* (2nd edn.); D. Nachmias & C. Nachmias, *Research Methods in the Social Sciences*; A. Orenstein & W. R. F. Phillips, *Understanding Social Research*; M. Shipman, *The Limitations of Social Research*.

Examination Arrangements: There is a conventional three-hour written examination in the Summer Term based on the full syllabus. All questions carry the same marks. Sixty per cent of the total assessment for the course is based on this examination. The remaining 40 per cent is awarded for the student's report on the research project. This latter assignment is given towards the end of the Lent Term and the completed report must be handed to the Examinations Office by 1 May.

So5802

Principles of Sociology

Teacher Responsible: Dr. A. Swingewood, Room A352

Course Intended Primarily for B.Sc. Sociology 1st year (compulsory), Geog., Maths., Stats., Comp., Act. Sci., Man. Sci., Psych., B.Sc. (Econ.) Parts I and II. Optional for B.Sc. S.P. and A. 1st year; M.Sc.

Core Syllabus: To provide students with an understanding of the major sociological perspectives and

their application to distinct research problems. Term 1 will focus on the sociological analysis of social problems and Term 2 will provide an introduction to social theory.

Course Content: Social problems and sociological problems. Problems, theories, and the nature of sociological explanation. Explanation, evidence and objectivity. Sociology as the comparative study of social action and social systems. Some models of sociological thinking as applied to the study of the following: aspects of social ranking; forms of interpersonal and impersonal relationships; the changing nature of the relationship between economy and society; the sociology of development; the origins and spread of capitalism and socialism; ideology and belief systems; religion and society; rationality and non-rationality; conformity and deviance. How is human society possible? How do we choose between different answers to the question?

Teaching Arrangements: A 24-week lecture course (So100) and discussion classes (So100a).

Written Work: There is no formal requirement for course-work; however, all students are expected to produce class papers. Students from foreign universities which require written course-work to be assessed must arrange this with their class teachers on an individual basis.

Reading List: T. Bilton *et. al.*, *Introductory Sociology*; R. Burgess (Ed.), *Investigating Society*; L. Coser & B. Rosenberg, *Sociological Theory: Readings*; A. Giddens, *Sociology*; G. Pearson, *Hooligan*; L. Sklair, *Sociology of the Global System*; S. Taylor, *Durkheim and the Study of Suicide*; A. Swingewood, *A Short History of Sociological Thought* (2nd edn).

Detailed reading lists will be available at the beginning of the course.

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term. The examination will be based on the questions for class discussion in the full reading list.

So5809

Aspects of British Society

Teacher Responsible: Dr. C. T. Husbands, Room S687

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course units main fields Sociology, Social Psychology; B.Sc. Social Policy and Administration.

Core Syllabus: The aim of the course is to introduce students to some of the contributions of sociological knowledge to the study of aspects of post-war British society. This will be achieved by considering important social and economic issues relevant to contemporary Britain. The course is strongly empirical and makes use of quantitative material.

Course Content: The course is taught by Dr. Husbands, assisted by colleagues contributing lectures on topics of their specific expertise, and by class teachers. The precise content of the course varies from year to year, depending on the expertise of those colleagues who are contributing to the lecture programme. However, material will be presented from a selection of the following issues: class struc-

ture and occupational change; forms of inequality and the distribution of income and wealth; economic structure; employment relations and the labour market; politics and voting; education; gender; demographic patterns and family structure; the mass media; religious practice; ethnic relations; political reactions to blacks' and Asians' presence in Britain; multiculturalism; the education system; crime and deviance; and health.

Pre-Requisites: While constructed primarily for first- and second-year undergraduates reading for the B.Sc. course unit degree in sociology and for the B.Sc. (Econ.) Part II special subject sociology, the course does not assume a detailed knowledge of sociology. It is intended to be suitable as an outside option for undergraduates reading for a range of other degrees. Overseas students, including those on single-year or single-term courses, may find it a useful means of improving their knowledge of British society. The course is not available to students who took **Aspects of Contemporary British Society** in 1993-94 or **The Social Structure of Modern Britain** in 1992-93 or before.

Teaching Arrangements: A series of 20 lectures in the Michaelmas and Lent Terms, with associated weekly classes.

Reading List: References on specific topics being taught will be provided when the course starts, but a general introductory text is: N. Abercrombie & A. Warde, *Contemporary British Society* (2nd edn.).

Written Work: Classes will be given using a variety of teaching techniques, some requiring students to produce written work. Each student should also expect to prepare two essays for his/her class teacher, one in the Michaelmas Term and one in the Lent Term.

Examination Arrangements: The course examination will be in two parts, each contributing 50 per cent to the final course mark. The first part will be two essays, each of a maximum of 2,000 words, to be prepared during the Easter vacation from a selection of topics and to be submitted to the Examinations Office by 2 May. The second part will be a two-hour advance-notice examination in which candidates will be required to answer two questions selected from a choice of ten or so.

So5810

Social and Moral Philosophy

Teacher Responsible: Professor E. V. Barker, Room S684

Course Intended Primarily for B.Sc. c.u. main fields Sociology, Social Psychology, B.Sc. (Econ.) Part II Special Subject Sociology, but other students may take this course as permitted by the regulations for their degree.

Core Syllabus: The course is designed to introduce awareness of philosophical problems, particularly those concerned with knowledge and ethics, which are of relevance to the social scientist.

Course Content: Introduction to concepts concerning the nature of knowledge, reality and ethics. Brief description of the thought of some of the classical philosophers. Elementary principles of logical

thought. Discussion of problems in descriptions and explanations of social behaviours. An introduction to moral philosophies, especially those of Kant and the Utilitarians. Discussion of the relationship between science and values.

Pre-Requisites: No background knowledge is necessary.

Teaching Arrangements: Lectures So111: Sessional. Lectures involve considerable student participation. Classes: So111a: 25 weekly MLS.

Written Work: Students are expected to do some simple logical exercises for the lectures and to present at least one 10 minute paper per turn in classes.

Reading List: J. Hospers, *An Introduction to Philosophical Analysis*; J. Hospers, *Human Conduct*; B. Russell, *Problems of Philosophy*; B. Russell, *A History of Western Philosophy*; A. MacIntyre, *A Short History of Ethics*; K. Popper, *Conjectures and Refutations*, Ch. 1; K. Popper, *The Poverty of Historicism*; A. Ryan, *The Philosophy of the Social Sciences*.

The Hospers books are the nearest approximation to text books for the course.

Supplementary Reading List: This will be given out at the beginning of the course with lecture notes and exercises.

Examination Arrangements: Three-hour formal examination in Summer Term. Also an optional essay which can upgrade borderline examination results, but cannot lower marks.

So5811

Industrial Enterprise in Comparative Perspective

Teacher Responsible: Mr. M. Burrage, Room A375

Course Intended for B.Sc. Management Studies, B.Sc. (Econ), and B.Sc. Sociology, years 1, 2, and 3.

Core Syllabus: To identify and, as far as possible, explain the varying ways in which industrial enterprises have been structured in five societies. The course is intended for students interested in the comparative analysis of social institutions, and particularly for those who expect to work in multinational enterprises, or in more than one industrial society.

Course Content: Industrial enterprises require the participation of a number of social actors: entrepreneurs, workers, managers, professionals, and state officials of various kinds. The relationships between these actors and their ability to influence the construction and operation of enterprises show striking historical and cross-cultural variations. The aim of this course is to identify these variations and wherever possible explain them. In this syllabus, and in the course guide, five societies are considered: Britain, the United States, France, Imperial and Soviet Russia, and Japan. Examination candidates are expected to show detailed knowledge of *at least three* of these.

The course is divided into four sections. The first, introductory, section reviews the different approaches to the study of industrial enterprise. The second section draws on comparative literature to identify major variations in the way the major actors have been

recruited and trained, their forms of organization, their resources, ideologies and strategies, and considers how such variations may affect their behaviour within industrial enterprises. The third section reviews attempts that have been made to explain cross-cultural variations in the internal structure and functioning of industrial enterprises.

Pre-Requisites: None.

Teaching Arrangements: 20 two hour lectures (So112) Michaelmas and Lent, and 20 one hour classes (So112a) Sessional.

Reading List: Mansel G. Blackford, *The Rise of Modern Business in Great Britain, the United States and Japan*, 1988; Chie Nakane, *Japanese Society*, 1976; G. Guroff & F. V. Carstenden, (Eds.), *Entrepreneurship in Imperial Russia and the Soviet Union*, Princeton, 1983; Thomas A. Rohlen, *For Harmony and Strength: Japanese White Collar Organization in Anthropological Perspective*, Berkeley, 1974; N. Millward *et. al.*, *Workplace Industrial Relations*, 1992; F. Rose, *West of Eden: The End of Innocence at Apple Computer*, 1989; D. H. Whittaker, *Managing Innovation*, 1990; Joseph Berliner, *Soviet Industry from Stalin to Gorbachev: essays on management and innovation*, Corwell, 1988; Christel Lane, *Management and Labour in Europe: The Industrial Enterprise in Germany, France and Britain*, Elgar, Aldershot, 1989.

Examination Arrangements: Three-hour unseen examination (75%), and one take-home essay (25%).

So5821

Sociological Theory

Teachers Responsible: Dr. A. Swingewood, Room A352 and Professor N. Mouzelis, Room S778

Course Intended Primarily for B.Sc. c.u. main field Soc. and B.Sc. (Econ.) Part II Sociology (2nd yr. compulsory); other c.u. and B.Sc. (Econ.) students; B.Sc. S.P. and A.; M.Sc.; Dip. Soc.

Core Syllabus: An examination of post-classical sociological theories emphasising their relevance for the analysis of modern societies.

Course Content: An introduction to the main varieties of sociological theory, concentrating on three tasks: what are the principal arguments of the main approaches, to what problems and changes in the real world were the theories a response, and what relevance do they have in the contemporary world? The principal theorists and schools considered are: Parsons and normative functionalism, symbolic interactionism, phenomenology, ethnomethodology, structuralism, Marxism, Foucault, Critical Theory, Bourdieu, modernity and post-modernity.

Teaching Arrangements: Lectures: So106 Twenty lectures, weekly in Michaelmas and Lent Terms.

Classes: So106(a) Twenty classes, weekly in Michaelmas and Lent Terms.

Reading List: J. H. Turner, *The Structure of Sociological Theory*; I. Craib, *Modern Social Theory*; N. Mouzelis, *Back to Sociological Theory*; A. Giddens, *Social Theory and Modern Sociology*; M. Glucksmann, *Structuralist Analysis in Contemporary Social Thought*; Z. Baumann, *Intimation of Post-modernity*; A. Gibbons,

Modernity and Self-identity.

Examination Arrangements: One three-hour formal examination in the Summer Term, based on the whole syllabus of the lecture course and the classes.

So5822

Basic Issues in Comparative Sociology

Teachers Responsible: Professor A. D. Smith, Room S776 and Mr. M. Burrage, Room A375

Course Intended Primarily for B.Sc. c.u. main field Sociology and B.Sc. (Econ.) Pt. II Sociology (3rd-yr. compulsory), Dip.Soc., other c.u. and B.Sc. (Econ.) (3rd-yr.) students, and General Course students.

Core Syllabus: Selective study of key issues in the historical and comparative sociology of agrarian and industrial societies.

Course Content: Comparative study of key debates on social structure and social change in agrarian and industrial societies, including a selection from the following topics: the role of power and privilege in agrarian empires; the functions of slavery in commercial and agrarian societies; the role of religion and ideology in caste societies; the role of ethnic communities and nations; feudal estates and serfdom; the transition to capitalism in the West; the role of the great revolutions; the advent of industrialism and the working-class; the social bases of fascism and communism; the 'convergence' of industrial societies; the state, stratification and democracy in industrial societies; the transition to 'post-industrial' society.

Teaching Arrangements: Lectures So105 22 MLS; Classes So105(a) 22 MLS including revision classes in the Summer Term.

Written Work: Students will be expected to prepare one or more class papers. The discussion of most topics will extend over more than one week.

Reading List: W. MacNeill, *The Rise of the West*, 1963; M. Mann, *The Sources of Social Power*, 1986; A. de Reuck & J. Knight (Eds.), *Caste and Race*, 1967; A. D. Smith, *The Ethnic Origins of Nations*, 1986; B. Badie & P. Birnbaum, *The Sociology of the State*, 1987; T. Kimmel, *Revolution: a sociological analysis*, 1990; F. Flora, *State Economy and Society in Western Europe 1815-1915*, 1983; C. Kerr, *The Future of Industrial Societies: Convergence or Continuing Diversity?*, 1983.

Examination Arrangements: One three-hour advanced notice written examination (which means that the student gets the examination paper three weeks before the examination) in the Summer Term for all students. Three questions to be answered.

So5831

Unit Essay in Sociology

Teacher Responsible: The Departmental Tutor, Mr Angus Stewart, Room S876

Course Intended only for B.Sc. (Sociology) and B.Sc. (Econ.) special subject Sociology (third year).

Core Syllabus: The essay is to be on a sociological topic to be approved by the Convener of the Department of Sociology. The purpose is to allow the

student to study in depth an interest of his or her own choosing. Many approaches are possible in the work for the essay, but there are three main variants: original fieldwork, secondary analysis, and literature review.

Selection of topic: The topic must be within the general field of sociology and should fall within the range of competence of a member of the staff, normally a member of the Sociology Department, so that it can be supervised adequately. However, it need not be chosen from those areas of sociology which are at present taught within the Department. The topic should not overlap too closely with the content of other units that the student is taking. Students may follow up a theme suggested to them by their coursework, but the topic must allow the material and arguments to be developed in greater depth than is possible in the lectures and seminars for the course.

Teaching Arrangements: Students should inform the Department of the general area within which their work will lie by the third week of the Michaelmas Term in the year of submission. They must submit a final title to the Department by the fourth week of the Lent Term in order for that title to be approved.

Three meetings will be arranged to discuss the essay. The first, held in the Summer Term of the session prior to the year of submission, will deal with guidelines for the essay, and provide a forum for a general discussion of possible approaches. The second and third meetings will enable progress on the essay to be discussed; these will be held in approximately the fifth week of Michaelmas Term and the fourth week of the Lent Term.

Arrangements for supervision: Students should themselves approach the member of staff they would like as supervisor. The role of the supervisor is often seen by students as more directive than the Department intends. The unit-essay gives students the opportunity to work in a more open-ended and individual context than is possible in a course. The role of the supervisor is not to teach, but to give the kind of advice and help which one scholar would normally give another. The supervisor may suggest ways of tackling or limiting a topic, lines of enquiry and preliminary reading, but his or her suggestions are not intended to be seen as exhaustive or definitive. How far the student can use and develop the help that he or she is given is, to a large extent, what the examination of the essay is concerned with. The supervisor should not help with planning or writing the essay in detail, but should then read and comment critically on a draft essay if the student submits one.

Examination Arrangements: The completed essay must be of not more than 10,000 words in length; it may include tables and diagrams as appropriate. It must be submitted to the Examinations Office by May 1 in the student's final year. The essay should be submitted in typescript.

So5860

The Social Structure of Russia and the CIS

Teacher Responsible: Dr. E. A. Weinberg, Room S666

Course Intended Primarily for B.Sc. c.u. main field Sociology (2nd or 3rd years) and all other course unit degrees, B.Sc. (Econ.) Part II; M.Sc. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: Major aspects of Soviet and Russian social structure will be examined in relation to problems of industrialisation and social change. The course draws on a wide range of contemporary materials, but places these within an historical perspective.

Course Content: Particular attention will be given to the analysis of: women, the family, population policy, urban and rural structure, the distribution of power, the economy, collectivisation, social stratification and mobility, the education system, social welfare, trade unions, religion, nationalities, and the military. Problems of information, the role of ideology, cohesion, conflict and social change will also be discussed. The course will also include the comparative analysis of the Soviet Union as a model of industrialisation.

Teaching Arrangements: The lectures and classes are given by Dr. Weinberg and as such are entirely integrated.

Lectures: So121 Sessional
Classes: So121a Sessional

Written Work: Each student is required to produce several papers for class presentation throughout the year.

Reading List: The following should be consulted for relevant topics throughout the course:

C. Black (Ed.), *The Transformation of Russian Society*; E. A. Weinberg, *Development of Sociology in the Soviet Union*; A. Brown & M. Kaser, *The Soviet Union Since the Fall of Khrushchev*; J. Pankhurst & M. P. Sacks, *Contemporary Soviet Society*; D. Lane, *State and Politics in the USSR*; *Soviet Economy and Society*; S. Cohen, *Rethinking the Soviet Experience*; D. Lane, *Soviet Society under Perestroika*; J. Bloomfield, *The Soviet Revolution: Perestroika and the remaking of socialism*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term.

democratic capitalist and state-socialist societies. A further major focus is the role of classes and elites in the political process and the role of organisation in political activity, which relates to group theory and the development of pluralism. The distribution of power in capitalist and socialist societies is discussed. Further specific topics discussed include corporatism, parliamentarianism, women and politics, citizenship analysis, relations between political and social change, patterns of electoral behaviour and the analysis of Thatcherism.

Pre-Requisites: Students are normally expected to have taken So100 *Principles of Sociology* or to be able to present evidence of equivalent knowledge.

Teaching Arrangements: Lectures: So130 Sessional. Classes: So130a 22 Sessional.

Written Work: The students in each class take turns to write essays on themes connected with the lecture course; these essays are presented to the class for criticism and discussion.

Reading List: R. Michels, *Political Parties*.

Supplementary Reading List: N. Abercrombie, S. Hill & B. S. Turner, *The Dominant Ideology Thesis*; P. Bachrach, *The Theory of Democratic Elitism: A Critique*; D. Beetham, *Max Weber and the Theory of Modern Politics*, Chapters 1 to 5, 8, 9; S. Bernstein et al. (Eds.), *The State in Capitalist Europe*; A. Leftwich, *Redefining Politics*; R. T. McKenzie, *British Political Parties* (2nd edn.); R. Miliband, *The State in Capitalist Society*; N. W. Polsby, *Community Power and Political Theory* (2nd edn.); V. Randall, *Women and Politics*; M. Rush & P. Althoff, *An Introduction to Political Sociology*; J. Sayers, *Biological Politics*.

Examination Arrangements: Assessment is entirely by a conventional three-hour written examination in the Summer Term that is based on the full syllabus. All questions carry the same maximum of marks.

N.B. This course will be given in alternate years only.

So5881

Political Processes and Social Change

Teacher Responsible: Mr. A. W. G. Stewart, Room S876

Course Intended Primarily for B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc. (Complementary to the graduate seminar *Political Stability and Change*).

Core Syllabus: The aim of the course is to familiarise students with major concepts and theories concerned with the role of political processes in relation to different patterns of social change.

Course Content: Role attributed to political processes in different theories of social change; sociological theories of state development; the process of state formation and its relation to other social forces; social determinants of major modern political regimes; patterns of political change in relation to modernisation and industrialisation; relations between the state, industrialisation and the development of labour movements; major types of social and political movements; movement and regime in the development of fascism; politics and social change in

the study of revolution; continuity and change in post-revolutionary situations.

Pre-Requisites: Primarily an interest in the integration of theory and empirical materials.

Teaching Arrangements: Lectures: So131 - Sessional. Classes: So131a -Sessional. This is a complementary and entirely integrated series of twenty-three lectures and twenty-three classes.

Written Work: Every member of the class may expect to present two class papers in order to facilitate discussion of the relevant topics.

Reading List: No one book covers the entire syllabus. However, students will find it very helpful to buy the following books which throw light on a variety of topics discussed in the syllabus.

B. Moore, *Social Origins of Dictatorship and Democracy*; T. Skocpol, *States and Social Revolutions*; P. Abrams, *Historical Sociology*.

The following books illuminate central themes and problems for relevant sections of the course.

P. Anderson, *Lineages of the Absolutist State*, part 1 sections 1 and 2; A. Giddens, *The Nation State and Violence*; C. Tilly, *The Formation of Nation-States in Western Europe*; I. Wallerstein, *The Modern World System*, Introduction and chap. 7; G. Poggi, *The Development of the Modern State*, chaps. iv and v; M. Kitchen, *Fascism*; M. Taylor (Ed.), *Rationality and Revolution*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus.

N.B. The course will be given in alternate years only.

So5882

Sociology of Development

(Not available 1994-95)

Teacher Responsible: Dr. L. A. Sklair, Room A350
Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II Sociology.

Core Syllabus: Development and underdevelopment in the Third World. The course will deal with social, political and economic processes in selected third world societies.

Course Content: The main theories of modernisation, development and underdevelopment; the new international division of labour; globalisation; gender and development; problems of 'socialist' development. Such topics as urbanisation, agrarian structure, peasant movements, urban class formation, the state, military intervention, and differences between Third World countries will be discussed.

Teaching Arrangements: 24 lectures: (So132) MLS and a weekly class.

Reading List: H. Alavi & T. Shanin (Eds.), *Introduction to the Sociology of 'Developing Societies'* (1982); L. Brydon & S. Chant, *Women in the Third World* (1989); D. Harrison, *The Sociology of Modernization and Development* (1988); A. Hoogvelt, *The Third World in Global Development* (1982); R. Peet, *Global Capitalism* (1990); L. Sklair, *Sociology of the Global Systems* (1991); A. Webster, *Introduction to the Sociology of Development* (1990).

Supplementary Reading List: A more detailed list

is available from Dr. Sklair.

Examination Arrangements: A three-hour examination in June.

N.B. This course will be given in alternate years only.

So5883

Theories and Problems of Nationalism

Teacher Responsible: Professor A. D. Smith, Room S776

Course Intended Primarily for B.Sc. Sociology, B.Sc. (Econ.) Sociology and B.Sc. (Econ.) International Relations and Government.

Core Syllabus: Investigations into various problems of nationalism and nation-states in their historical, sociological and international aspects, and a consideration of the main theories of their origin and diffusion in Europe and the Third World.

Course Content: The aspects considered cover three main areas:

1. Theories of nationalism and ethnicity, including relations between nations and classes, language, ethnic identity and religion, and the role of communications and the state; fascism, racism and ethnicity;
2. Nationalism and the international system, including problems of dependency, secession and self-determination;
3. Relations between nationalism and politics, especially in Europe and the Soviet Union.

Pre-Requisites: A suitable course in Anthropology, Sociology, Political Science, International Relations or International History.

Teaching Arrangements: Lectures, So133, 10 Michaelmas, 10 Lent given by:

Professor A. D. Smith on Theories of Nationalism;

Professor J. Mayall on Nationalism and the International System;

Mr G. Schoplin on Nationalism and Politics.

These will be supported by weekly classes (So133a) following the lectures with revision classes in the Summer Term.

Reading List: A Cobban, *National Self-determination*, Oxford UP, 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Gellner, *Nations and Nationalism*, Blackwell, 1983; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; H. Seton-Watson, *Nations and States*, Methuen, 1977; B. Anderson, *Imagined Communities*, Verso Books, 1983; J. Mayall, *Nationalism and International Society*, Cambridge UP, 1990; A. D. Smith, *National Identity*, Penguin, 1991.

Supplementary Reading List: A more detailed reading list is available from **Professor Smith** or secretary.

Examination Arrangements: A three-hour exam in June, covering Sociology and Politics/History issues.

So5918

Women in Society

(Not available 1994-95)

Teacher to be announced.

Course Intended Primarily for B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.P. and A. 3rd year; and other c.u. degrees.

Core Syllabus: The nature and explanation of various aspects of gender relations.

Course Content: An examination of the position of women in society and the forms of gender inequality. Contrasting theoretical explanations will be applied to a number of substantive issues of contemporary concern. The main topics are: rape and domestic violence; employment, especially the wages gap and the increase in women's paid work; housework; reproductive technologies; sexuality; culture; state and politics; gender and ethnicity.

Teaching Arrangements: The course will consist of 24 lectures (So141) and a weekly class (So141a).

Written Work: Students will be expected to prepare at least one class paper per term which will be written up and handed to the class teacher.

Reading: A detailed reading list will be provided. The following indicates some of the books. A. Jaggar & P. Rothenberg (Eds.), *Feminist Frameworks*, McGraw Hill, 1984; Cambridge Women's Studies Group, *Half the Sky*, Virago, 1981; L. Kelly, *Surviving Sexual Violence*, Polity, 1987; K. Soothill & S. Walby, *Sex Crime in the News*, Routledge, 1991; M. Stanworth (Ed.), *Reproductive Technologies*, Polity, 1986; A. Kuhn, *Women's Pictures*, Routledge, 1982; Feminist Review, *Sexuality: A Reader*, Virago, 1987; O. Banks, *Faces of Feminism*, Martin Robertson, 1981; S. Walby, *Theorizing Patriarchy*, Blackwell, 1990.

Examination Arrangements: The course will be examined by a three hour unseen written paper.

So5919

Criminology

(Not available 1994-95)

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. c.u. main fields Soc. Psych., Soc., B.Sc. (Econ.) Part II.

Core Syllabus: The course is intended to introduce students to sociological perspectives on theories of crime and its control through legal institutions in contemporary industrial societies.

Course Content: The intellectual origins of criminology in 18th and early 19th century social thought; early theories of crime causation including Positivist theories of criminal anthropology. Sociological approaches to crime causation including functionalism, anomie theory, interactionism and area studies. Problems of criminal statistics. White collar crime; organised and professional crime. Crimes without victims including drug offences, prostitution and offences arising from sexual deviance. Suicide and homicide. Problems of juvenile delinquency and juvenile justice. The work of the Chicago School of social ecology. Problems in the sociology of law and the operation of the criminal justice system. The sociology of policing. Sentencing and the practices of the courts. The development of the prison system and other total institutions for the control of deviance.

Pre-Requisites: Students should have some grounding in sociological theory and be familiar with the

social and political history of western industrial societies, although detailed knowledge is not required. For this reason the course is not normally available for first-year sociology students.

Teaching Arrangements: Lectures and classes So143, 20 Michaelmas and Lent Terms. Classes So143a 20 Michaelmas and Lent Terms.

Reading List: The text designed to introduce the course is: Terence Morris, *Deviance and Control: The Secular Heresy*. Other recommended introductory texts include: E. Sutherland & D. Cressey, *Principles of Criminology*; D. Downes & P. Rock, *Understanding Deviance*; W. Chambliss, *Crime and the Legal Process*.

Supplementary Reading List: Details will be given during the course, in connection with classwork.

Examination Arrangements: Those taking this course as part of the B.Sc. course unit or B.Sc. (Econ.) degree will be examined by means of three essays written during the Easter vacation. The essays, which are chosen from an extensive list of questions, must be not more than 2,000 words each.

So5920

Sociology of Deviant Behaviour

Teacher Responsible: Professor P. E. Rock, Room A454b

Course Intended Primarily for B.Sc. Sociology 2nd and 3rd years and B.Sc. (Econ.) Sociology Option, 2nd and 3rd years.

Core Syllabus: The aim of the course is to introduce students to the major theories of deviance and control, and their detailed application to specific forms of deviance.

Course Content: Detailed consideration is given to the major sociological perspectives on deviance and control, including ecology and the 'Chicago School', functionalism, Marxism, cultural and subcultural theories, symbolic interactionism and allied approaches and 'control' theories. The emphasis throughout is upon the empirical application of these approaches to substantive areas of deviance such as various forms of crime and delinquency, mental illness and drug use.

Pre-Requisites: Introductory courses in sociological theory and social structure; **Criminology** (So143) is recommended.

Teaching Arrangements: There is a lecture course and classes.

Lectures: So144: 10 Lent Term.

Classes: So144a: 23 (1½ hours) Michaelmas and Lent Terms.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in class.

Reading List: There is no set text for the course, and a full reading list covering all classes is provided at the first class. The following is basic reading:

D. M. Downes & P. E. Rock, *Understanding Deviance*; H. Becker, *Outsiders* (2nd edn.); J. Lea & J. Young, *What is to be done about Law and Order?*; I. Taylor, P. Walton & J. Young, *The New Criminology*; S. Cohen & L. Taylor, *Psychological Survival*; S. Box, *Deviance, Reality and Society*; E.

Rubington & M. Weinberg, *Deviance: The Interactionist Perspective* (2nd edn.).

Examination Arrangements: Students sit one 3-hour examination.

So5921
So6880

Sociology of Religion

(Undergraduate and Postgraduate)

Teacher Responsible: Professor E. V. Barker, Room S684

Course Intended Primarily for B.Sc. Soc. or B.Sc. Econ. Part II Special Subject Sociology and, M.Sc. Sociology, but other students may take this course as permitted by the regulations for their degree.

Core Syllabus: The course is concerned with the relationship between religion and other areas of society; the ways in which and extent to which religion can affect and be affected by individuals, social groups, institutions and cultures.

Course Content: The course concentrates primarily, but not exclusively, on the role of religion in the West during the last two centuries. The approach of writers such as Weber, Durkheim and Marx is considered at the theoretical and empirical levels. Topics receiving special attention include secularisation; modern forms of religion, especially the new religious movements; and methodological issues associated with the sociology of religion.

Teaching Arrangements:

Lectures: (So142). 25 weekly MLS.

Classes: (So142a) weekly MLS.

Field Trips: Visits will be arranged to religious services and/or to meet adherents of 3 or 4 different faiths (the actual choice depends on the students' interests). These are optional and take place depending on general convenience. Students will also be expected to make their own arrangements to visit 3 different services for examination essay.

Written Work: 10-minute papers given in classes, and examination essay (see below).

Post-Graduate Seminar: (So166).

This course takes the above syllabus as the examinable core of the subject, but the written examination is set in accordance with the interests of the students participating. The seminar meets weekly throughout the session and invites several outside specialists to speak.

Reading List: (More detailed reading lists are available for specific topics)

B. Wilson, *Religion in Sociological Perspective* (O.U.P., 1982); M. McGuire, *Religion: the Social Context* (Wadsworth, 3rd edn., 1991); P. Berger, *The Social Reality of Religion* (Faber, 1967); M. Weber, *The Sociology of Religion* (Methuen, 1965); D. Martin, *A General Theory of Secularization* (Blackwell, 1978); *A Sociology of English Religion* (Heinemann, 1967); P. Hammond (Ed.), *The Sacred in a Secular Age* (University of California, 1985); J. Beckford, *Cult Controversies* (Tavistock, 1985); E. Barker, *New Religious Movements: A Practical Introduction* (HMSO, 1989).

Examination Arrangements: A three-hour formal paper (60% of the marks) and a 4,000 max. word

essay, to be handed in on May 1. This is to be a comparison of three (or more) religious services which the student visits during the course. (Details will be given to students in lectures.)

So5922

Sociology of Medicine

(Not available 1994-95)

Teacher Responsible: Dr. S. Taylor, Room S664

Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II and other c.u. students.

Core Syllabus: This course aims to examine sociological explanations of health and illness and the development of medicine as a social institution.

Course Content: This course will involve consideration of the following themes: changing patterns of disease and the role of medicine; health inequality and the politics of health; experiences of illness and professional - patient interactions; the medicalisation of daily life; the pharmaceutical industry; medicine and social control; medicine and deviance; medicine and women; the rise of modern medicine; the medical professions; the organisation of health care resources; ethical and legal issues in health care.

Pre-Requisites: There are no specific pre-requisites for this course.

Teaching Arrangements: There will be a 20 week lecture course (So145) supplemented by specific video material and discussion classes every other week.

Written Work: Students will be expected to present at least one seminar paper, and there will be one assessed piece of course work.

Reading List: (a) **introductory texts:** L. Doyle, *The Political Economy of Health*; M. Morgan et al., *Sociological Approaches to Health and Medicine*; D. Patrick & G. Scambler, *Sociology as Applied to Medicine*; (b) **readers:** G. Albrecht & P. Higgins (Eds.), *Health, Illness and Medicine*; N. Black et al. (Eds.), *Health and Disease: A Reader*; L. Eisenberg & A. Kleinman, (Eds.), *The Relevance of Social Science for Medicine* (c) **journals:** *Social Science and Medicine*; *International Journal of Health Services*; *Sociology of Health and Illness*.

Examination Arrangements: An unseen three hour examination from which three questions are to be attempted. The examination will count for 75% of the final mark, while an assessed essay written during the Easter vacation will count for the remaining 25%.

So5923

Sociology of Work, Management and Employment

Teacher Responsible: Professor S. R. Hill, Room A454a

Course Intended Primarily for B.Sc. c.u. main field Sociology; B.Sc. (Econ.) Part II special subjects Sociology and Industrial Relations.

Core Syllabus: Coverage of contemporary sociological perspectives on work, economic organisation and employment, with special attention paid to differ-

ences between various advanced industrial societies.

Course Content: Economic restructuring. The labour process and the development of the managerial function. Managerial strategies and employment relations. New technology and the deskilling debate. The quality of working life and new forms of participation. Flexible specialisation. Ownership and control of corporations; managers as the service class. Bureaucracy and organisational theory. The Japanese corporation. Co-operatives and self-management. Economic democracy. Women in the labour market. Women at work. The institutionalisation of conflict. Trade union representativeness and effectiveness. Class stratification and economic change.

Pre-Requisites: Normally one of **Principles of Sociology**, **Aspects of Contemporary British Society**, **Industrial Enterprise in Comparative Perspective**, but this requirement is waived for B.Sc. (Econ.) special subject Industrial Relations, and B.Sc. Management.

Teaching Arrangements: There will be 20 lectures (So140) given by Professor Hill and 23 classes (So140a).

Written Work: Two pieces of written work per term in Michaelmas and Lent terms.

Reading List: There is no single recommended textbook. Books that cover substantial parts of the syllabus are: D. Gallie (Ed.) *Employment in Britain*; S. Hill, *Competition and Control at Work*; C. Lane, *Management and Labour in Europe*.

A more comprehensive bibliography will be available to students taking this course.

Examination Arrangements: A three-hour formal examination in the Summer Term.

So5945

Society and Literature

Teacher Responsible: Dr. A. Swingewood, Room A352

Course Intended Primarily for B.Sc. c.u. main field Sociology 2nd or 3rd year and B.Sc. (Econ.) Part II 2nd or 3rd year.

Core Syllabus: The aim of the course is to introduce students to the problems of theory and method in analysing the relation of different forms of literature (fiction mainly) to different forms of society. The theory is applied to specific texts such as novels or plays.

Course Content: An analysis of the major contributions to the theoretical study of the sociology of literature: Lukacs, Goldmann, Bakhtin, Raymond Williams; Marxism, structuralism, semiotics.

The theory of mass society and mass culture; modernism and post-modernism. The sociology of culture; authors and readers; the sociology of reading. The problem of aesthetic analysis in sociology. Some examples of sociological analysis of fiction.

Pre-Requisites: No particular knowledge of literature or literary theory is required but some knowledge of sociology is desirable, in particular sociological theory.

Teaching Arrangements: Lectures: So113 (2 hours) 10 Michaelmas Term.

Seminar; So113a 10 Lent term.

Each student is expected to produce at least one seminar paper and two essays.

Reading List: There is no adequate text book but the most useful are: J. Hall, *The Sociology of Literature* (pb); J. Wolff, *The Social Production of Art* (pb); R. Williams, *Marxism and Literature* (pb); D. Laurensen & A. Swingewood, *The Sociology of Literature*; A. Swingewood, *Sociological Poetics and Aesthetic Theory*; T. Eagleton, *Literary Theory*.

Examination Arrangements: There is a three hour formal examination in the Summer Term. The examination is an advance notice paper which means that the student gets the examination paper three weeks before the examination. In addition each student must write a 2,500 word essay analysing sociologically any novel, play or poem of their choice; this essay must be handed in before a specified date at the beginning of May.

The formal examination counts for 70% and the essay for 30% of the examination mark.

So5960

The Psychoanalytic Study of Society

Teacher Responsible: Dr. C. Badcock, Room S777

Course Intended Primarily for B.Sc. Sociology, B.Sc. Social Psychology - 2nd year option, B.Sc. Social Anthropology; B.Sc. Social Policy and Administration - first year, B.Sc. Econ. Part II, General Course students, and all other students in the School who may follow an optional course taught in the department of sociology.

Core Syllabus: The course aims to provide students of the social sciences with a basic grounding in the aspects of psychoanalysis relevant to their discipline. It explores common ground between the sociological and psychoanalytic perspectives of society and outlines a central paradigm for the understanding of how cultural and economic factors, personality structures and basic biological drives interact in constituting human social behaviour.

Course Content: The course is based on Freud's cultural theory and its relation to psychoanalysis in general. It considers individual psychological ontogeny as recapitulating social phylogeny and considers the inter-relationships between culture, religion and psychopathology. It looks at group psychology and the structure of the ego, object-relations and social interactions, and the theory of groups. It examines the literature of psychoanalytic anthropology and sociology, and considers the sociological critique of psychoanalysis and the psychoanalytic critique of sociology. It attempts to define psychoanalysis as a central paradigm in the social sciences and explores its relations with sociology, psychology, anthropology, economics and history.

Pre-Requisites: None, but prior attendance at course Ps101 (**Psychoanalytic Theories and their Derivatives**) would be desirable.

Teaching Arrangements: Lectures: So114 25 Sessional.

Classes: So114a Sessional.

Written Work: entirely at the class teacher's discretion. There is no formal course work.

Reading List: S. Freud, *Totem and Taboo*;

Civilisation and Its Discontents; Group Psychology and the Analysis of the Ego; C. Badcock, Essential Freud, Oedipus in Evolution, The Problem of Altruism.

Supplementary Reading List: A supplementary reading list associated with class topics will be issued to students at the beginning of the course.

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term.

So5961

Evolution and Social Behaviour

Teacher Responsible: Dr. C. Badcock, Room S777
Course Intended Primarily for B.Sc. c.u. main field Social Psychology 3rd year; B.Sc. (Econ.) Part II Special Subject Social Psychology; General Course and Beaver Single Term Programme. The course may also be taken as an outside option by non-specialists in Part II and by course unit students.

Core Syllabus: The course aims to give students of the social sciences an introduction to theoretical sociobiology and its applications to human societies. The course also deals with the relevance of sociobiology and its insights into fundamental questions of social science such as the problem of order, the origins of motivation and social co-operation, altruism,

kinship, crime, social structure and so on.

Course Content: Fundamentals of evolution - selection and fitness; the group-selectionist fallacy; inclusive fitness and kin altruism; the theory of parental investment; the sociobiology of sex; parent-offspring conflict; reciprocal altruism, deceit and induced altruism; the relevance and validity of sociobiology; the problem of the gene-behaviour interface; sociobiology and social science. The theories of inclusive fitness and parental investment related to kinship, marriage, incest-avoidance, infanticide, crime and altruistic behaviours. Parent-offspring conflict, reciprocal altruism, morality and psychological behaviour; altruism and social structure. Empirical problems of sociobiology and its application to human beings.

Pre-Requisites: None.

Teaching Arrangements: Weekly lecture (So115) accompanied by a class (So115a).

Written Work: No formal course work.

Reading List: Class and lecture reading lists will be based on the following: R. Trivers, *Social Evolution*; D. Barash, *Sociobiology & Behaviour*; R. Dawkins, *The Selfish Gene*; P. van den Berghe, *Human Family Systems*; C. Badcock, *The Problem of Altruism*; C. Badcock, *Evolution and Individual Behaviour*; N. Chagnon & W. Irons (Eds.), *Evolutionary Biology & Human Social Behaviour*.

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term.

STATISTICS

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
ST200	Basic Statistics Dr. M.-P. Victoria-Feser	33/MLS ST7200
ST201	Introductory Statistics for Management Dr. B. N. J. Blight	23/LS ST7005
ST202	Statistical Methods for Social Research Mr. C. O'Muirheartaigh	33/MLS Ps5406; ST7215
ST204	Elementary Statistical Theory Professor A. C. Atkinson	33/MLS ST7201
ST205	Statistics for Management Dr. B. N. J. Blight	24/LS MA7203; Ec1417
ST206	Probability and Distribution Theory Dr. A. Dassios and Dr. M. Knott	33/MLS ST7220
ST207	Estimation and Tests Dr. M. Knott	10/L ST7220
ST210	Applied Regression and Analysis of Variance Dr. M. Knott	20/M ST7230; ST7248; ST8258
ST211	Time Series and Forecasting for Management Mr. D. Balmer	10/L ST7230; ST8258
ST213	Survey Methods Dr. B. N. J. Blight	10/L ST7230; ST8258
ST215	Sample Survey Theory and Methods (Not available 1994-95)	20/ML ST7245; ST8260
ST216	Multivariate Methods Ms. I. Moustaki	15/ML ST7246; ST8260
ST217	Analysis of Categorical Data Ms. I. Moustaki	10/L ST7246

Lecture/ Seminar Number			Course Guide Number
ST218	Regression and Analysis of Variance Dr. M.-P. Victoria-Feser and Miss S. Brown	20/ML	ST7242
ST219	Elementary Stochastic Processes Professor J. Hajnal	15/ML	ST7243; ST7264
ST220	Time Series and Forecasting Professor A. C. Harvey	20/L	ST7244
ST221	Actuarial Applications of Stochastic Processes Dr. A. Dassios	15/ML	ST7243; ST7264
ST222	Marketing and Market Research Dr. C. Phillips and Dr. D. Smith	55/MLS	ST7231
ST235	Actuarial Life Contingencies I Mr. M. Gilbert	20/LS	ST7265
ST236	Actuarial Life Contingencies II Mr. M. Gilbert	20/M	ST7266
ST238	Fundamentals of Decision Theory Dr. J. V. Howard	10/M	ST7264; ST7216; ST8204
OR239	Behavioural Decision Theory Dr. L. D. Phillips	10/M	ST7216; ST8204
ST240	Bayesian Statistical Methods Dr. B. N. J. Blight	10/L	ST7216; ST7264; ST8204
OR241	Decision Analysis in Practice Dr. L. D. Phillips	10/L	ST7216; ST8204
ST242	Applied Statistics Project Professor A. C. Atkinson and Dr. C. Phillips	MLS	ST7248

Lecture/ Seminar Number			Course Guide Number
ST243	Actuarial Investigations: Financial Dr. A. Dassios	20/M	ST7263
ST244	Actuarial Investigations: Statistical Dr. A. Dassios	20/L	ST7262

Basic Statistics

Teacher Responsible: Dr. M.-P. Victoria-Feser, Room S207

Course Intended Primarily for 1st year B.Sc. (Economics) and Course Unit Students. Diploma in Business Studies
Diploma in Economics

Core Syllabus: The course is an introduction to statistical methods and their use in the social sciences.

Course Content: Descriptive statistics, elements of probability, special distributions, inference, analysis of variance, correlation and regression, goodness of fit, decision theory, survey sampling, seasonality and trend.

Pre-Requisites: A Pass in GCSE Mathematics is normally required. The course is *not* normally available for those who have taken A-level Mathematics. Such students should take ST7201, **Elementary Statistical Theory**.

Teaching Arrangements: There are 15 lectures (ST200) in the Michaelmas Term, 15 in the Lent Term and 3 in the Summer Term. There is one class (ST200a) a week throughout the year, the final class being in the second week of Summer Term. Students are expected to hand in exercises for classes every week.

Reading List: Students should purchase one of the following books:

P. G. Hoel, *Elementary Statistics*; R. J. Wonnacott & T. H. Wonnacott, *Introductory Statistics*; J. E. Freund, *Modern Elementary Statistics*; P. Newbold, *Statistics for Business and Economics*.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper is in two parts. Part A consists of a number of short questions, all of which are to be answered. These questions account for 40% of the marks. They do not all have equal weight. Part B consists of six questions, of which three are to be answered. Each of the questions is worth 20%. A formula sheet is provided, as are statistical tables. Electronic pocket calculators can be used.

ST7200

students to a basic range of statistical ideas and techniques.

Course Content: Descriptive Statistics including some exploratory data analysis. Probability and distribution theory. Ideas of statistical inference. Estimation and hypothesis testing. Statistical Methods, regression, correlation, analysis of variance, time series and forecasting.

Pre-Requisites: No previous knowledge of statistics will be assumed. The course will assume mathematical knowledge equivalent to a mathematical subject at A-level.

Teaching Arrangements:

Lectures: ST204 **Elementary Statistical Theory** 15 in Michaelmas Term, 15 in Lent Term and 3 in Summer Term.

Classes: ST204(a) 20 Sessional

Reading List: There are many books with a similar content and level of coverage as the course. For instance, P. Newbold, *Statistics for Business and Economics*, 2nd or 3rd edn., Prentice-Hall; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics*, 4th edn., Wiley; R. E. Walpole, *Introduction to Statistics*, 3rd edn., Collier-Macmillan; J. T. McClave & P. G. Benson, *Statistics for Business and Economics*, 5th edn., Deller; W. W. Hines & D. C. Montgomery, *Probability and Statistics in Engineering and Management Science*, 3rd edn., Wiley.

Students are advised to delay purchase of a main textbook until after the first lecture when advice on reading will be given.

Supplementary Reading List: R. B. Miller, *Minitab Handbook for Business and Economics* (PWS, Kent).

Examination Arrangements: There is a single three-hour formal examination in the Summer Term covering the full content of the course.

MA7203

Quantitative Methods

Teachers Responsible: Dr. M. H. G. Anthony, Room S467 and Dr. B. Blight, Room S212

Course Intended Primarily for B.Sc. Management and B.Sc. Management Sciences students who have already reached A-level standard in mathematics.

Core Syllabus: The course is intended to give those students with A level Mathematics or equivalent the minimum additional mathematical and statistical tools necessary for further study in economics in Part II. While ideas are taught systematically, the emphasis is on the applicability of the methods to economic problems rather than the rigour that would be found in a pure mathematics course, and economic examples will be used liberally throughout the course to motivate and illustrate the subject matter.

Course Content:

(a) MA106 **Mathematics for Economists** (Dr. Anthony): Each mathematical section of the course will be linked to one or more economic models; these are given in brackets in the following lists: Sets, functions, equations, graphs [supply and demand, equilibrium]. Difference equations, sequences, limits, complex numbers [interest and present value; cobweb

ST7201

Elementary Statistical Theory

Teacher Responsible: Professor A. C. Atkinson, Room S210

Course Intended Primarily for B.Sc. (Econ.) Part I B.Sc. (c.u.), (Maths./Stats./Comp./Actuarial Science) Course Unit 790/7201 usually taken in 1st year but is available for 2nd and 3rd years.

B.Sc. (Econ.) Part II

Econometrics and Mathematical Economics

Accounting and Finance

Computing

Population Studies

Mathematics and Economics

and as an approved outside option/course unit for non-specialists.

Also available under

Diploma in Economics

Core Syllabus: The course intends to introduce

model, stability of equilibrium, oscillatory behaviour]. Differentiation, inverse functions, exponential and logarithmic functions, optimization [total, average, marginal cost; profit maximization; continuous compounding]. Partial differentiation, chain rule, homogeneous functions [production functions]. Vector notation, geometry of lines and planes, convexity [bundles, preferences, utility functions]. Matrix notation, solution of linear systems, inverse matrices [input-output model]. Lagrange multiplier [elementary models of the firm and the household]. Integration. Differential equations.

(b) ST205 **Statistics for Management** (Dr. Blight):

This course uses examples to introduce statistical concepts. Problems are set every lecture to help in this endeavour. The course contains the following: observation; studies vs. randomized experiments. The centre and spread of a distribution. Probability, compound events, conditional probability, Bayes' theorem. The binomial and normal distributions. Covariance and linear combinations of two random variables. Random sampling, moments of the sample mean, the shape of the sampling distribution. Efficiency, biased and unbiased estimators. Confidence intervals for means and difference in means, the 't' distribution. Hypothesis tests with confidence intervals, classic tests, power. Fitting a line, OLS. Sampling variability of the estimates. Confidence intervals and tests. Predicting Y. Multiple regression, dummy variables, ANOVA by regression.

Pre-Requisites: A-level Mathematics or equivalent.

Teaching Arrangements:

Lectures MA106: 20 Michaelmas Term

Classes ST205a: 8 Michaelmas Term, 2 Lent Term

Lectures ST205: 25 Lent and Summer Terms

Classes ST205a: 12 Lent and Summer Terms

Reading List:

Mathematics for Economists: Full lecture notes will be distributed. There are many books with titles like 'Mathematics for Economists' but none of them can be recommended for this course without some reservation. Further information will be provided in the lectures.

Statistics for Management:

The text for this course is T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics*, 4th edn., 1990.

Examination Arrangements: There will be two two-hour examinations in the Summer Term. One examination will cover the course Ec107 (**Mathematics for Economists**). The other examination will cover the course ST205 (**Statistics for Management**).

(d) B.Sc. (Econ.) Part II

(e) Diploma in Sociology

(f) M.Sc. in Sociology (optional)

Core Syllabus: An introduction to statistical methods and statistical reasoning, with particular reference to application in the social sciences. No prior knowledge of statistics is assumed.

Course Content: The place of statistics in the social sciences, and the nature and purpose of statistical methods.

Descriptive statistics: Levels of measurement. The summarization and presentation of data using graphic methods. Frequency distributions and methods of describing them. Chance, uncertainty and probability. The normal distribution. Basic ideas of sampling and statistical inference. Sampling from finite populations.

Normal approximations to the sampling distributions of proportions and means and their use in estimation and hypothesis testing.

Testing goodness of fit.

The measurement of association and correlation and simple tests of significance.

Simple linear regression.

Two-sample tests for means for related and unrelated measurements.

Pre-Requisites: None.

Teaching Arrangements:

Lectures (ST202): in the Michaelmas Term there will be one lecture each week; in the Lent Term there will be two lectures each week. Lectures for the Summer Term will be arranged later. Sociologists attend So102. Classes: In addition to lectures there will be a weekly class (ST202a). The main purpose of the classes is to provide an opportunity to ask questions about the lecture material and to discuss the exercises.

Each week a set of exercises will be distributed at the lecture. The exercises are an essential part of the course and they must be handed in on time if full benefit is to be derived from the classes. The exercise marks are used for assessment for all students.

Reading List: There are many elementary books on Statistics for social scientists but experience seems to show that none is ideally suited to the needs of students on this course. Consequently, each week a set of notes covering the lecture topics for that week will be distributed. These notes will provide a framework for further reading, and will indicate where further material on the topics may be found.

Examination Arrangements: All examinations for this course will be open-book examinations. For all students 30% of the marks for the course will be based on assessment of the homework submitted during the session.

ST7215

Statistical Methods for Social Research

Teacher Responsible: Mr. C. O'Muircheartaigh, Room S214

Course Intended Primarily for

(a) B.Sc. c.u. Main field Sociology 1st Year

(b) B.Sc. c.u. Main field Social Psychology 1st year (See Ps5406)

(c) B.Sc. (Econ.) Part I

ST7216

Decision Analysis

Teacher Responsible: Dr. J. V. Howard, Room S209

Course Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year

B.Sc. (Maths./Stats./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) Statistics
B.Sc. (Economics) Computing
Diploma in Statistics

For course unit degrees, the Course Registration Number is 790/7216.

Core Syllabus: The course covers the fundamentals of the theory of decision analysis, its use in Bayesian statistics, behavioural decision theory, and the application of decision analysis in practice. The course is intended to be genuinely inter-disciplinary.

Course Content: Topics covered are: the foundations of decision theory; descriptive models of human decision making; Bayesian statistical methods with applications; the use of decision analysis in practice.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Mathematical Methods**.

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class, as follows:

Lectures: ST238, 10 Michaelmas Term

OR239, 10 Michaelmas Term

ST240 10 Lent Term

OR241, 10 Lent Term

Classes: ST238a, 5 Michaelmas Term

OR239a, 5 Michaelmas Term

ST240a, 5 Lent Term

OR241a, 5 Lent Term

ST238 Fundamentals of Decision Theory (Dr. J. V. Howard). This covers the normative theory of subjective probability and expected utility.

OR239 Behavioural Decision Theory (Dr. L. D. Phillips). An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

ST240 Bayesian Statistical Methods (Dr. B. N. J. Blight). General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

OR241 Decision Analysis in Practice (Dr. L. D. Phillips).

Presents applications of Decision Theory in both public and private sectors, illustrating how Decision Theory is modified and supplemented to provide a workable technology.

Reading List: S. French, *Decision Theory: An Introduction to the Mathematics of Rationality*; S. R. Watson & D. M. Buede, *Decision Synthesis: The Principle and Practice of Decision Analysis*; J. T. Buchanan, *Discrete and Dynamic Decision Analysis*; D. V. Lindley, *Making Decisions*; H. Raiffa, *Decision Analysis: Introductory Lectures on Choices under Uncertainty*; P. M. Lee, *Bayesian Statistics: An Introduction*; S. J. Press, *Bayesian Statistics: Principles, Models, and Applications*; P. R. Goodwin & G. Wright, *Decision Analysis for Management Judgment*; D. von Winterfeldt & W. Edwards, *Decision Analysis and Behavioral Research*.

Examination Arrangements: The course is examined by one three-hour formal examination in the Summer Term, covering the full syllabus for the four lecture courses. The paper will probably contain eight questions of which five must be attempted

including at least one on ST238. It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it.

ST7220

Probability, Distribution Theory and Inference

Teacher Responsible: Dr. M. Knott, Room S216

Course Intended Primarily for B.Sc. (Econ.)
Special subjects: Econometrics and Mathematical Economics, Statistics; B.Sc. Course Unit Main Fields Maths., Stats., Act. Sci.

Core Syllabus: The course is intended to cover the probability, distribution theory and statistical inference needed for the third year courses in statistics and econometrics given at the School.

Course Content: Revision of probability theory and of the discrete and continuous one variable distributions. Joint distribution of several variables. Marginal and conditional densities. Multinomial and bivariate normal distributions. Moment generating functions. Functions of random variables. Change of variable. Weak law of large numbers and central limit theorem. Sampling distributions. Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation and its properties. Confidence intervals. Tests of simple hypotheses. Likelihood ratio tests. Wald tests, score tests.

Pre-Requisites: The course is designed to follow on from **Elementary Statistical Theory**. It is normally attended by second year students who have taken **Mathematical Methods** as well as **Elementary Statistical Theory** in the first year. Any student who has not taken these two first year courses is advised to consult one of the teachers responsible for the course.

Teaching Arrangements: There are two lecture courses each accompanied by classes for which the students are divided into two groups. Exercises will be set in connection with these classes and students' answers will be marked.

Lectures: ST206 **Probability and Distribution Theory (Dr. M. Knott and Dr. A. Dassios)** 20 Michaelmas, 10 Lent, 3 Summer Term.

ST207 **Estimation and Tests (Dr. M. Knott)** 10 Lent.

Classes: SM206(a) 9 Michaelmas, 5 Lent, 2 Summer Term.

ST207(a) 5 Lent Term.

Reading List: The main references for the course are: H. J. Larson, *Introduction to Probability Theory and Statistical Inference* and G. C. Casella & R. L. Berger, *Statistical Inference*.

Other useful books are:

R. V. Hogg & A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability with Applications*; M. Woodroffe, *Probability with Applications*; A. M. Mood, F. A. Graybill & D. C. Boes, *Introduction to the Theory of Statistics*.

Examination Arrangements: One three-hour written examination in the Summer Term. Five questions have to be answered out of the ten set. (Seven questions are set on the material of course ST206, three on ST207).

ST7230

Statistical Techniques for Management Sciences

Teacher Responsible: Dr. M. Knott, Room S216

Course Intended Primarily for

B.Sc. (Management Sciences) 2nd or 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 2nd or 3rd year

B.Sc. (Economics) Computing

For course unit degrees, the Course Registration Number is 790/7230.

Core Syllabus: This is a second course in Statistics emphasizing the application of statistical techniques which have proved useful in the Management Sciences.

Course Content: The main techniques covered are: Analysis of variance, Regression, Time Series and Forecasting, Survey Methods, and the design and analysis of experiments. More detail is given in the lecture course descriptions under 'Teaching Arrangements' below.

Pre-Requisites: Statistics and Probability Theory, and Mathematics to the level of the course **Quantitative Methods**. In particular, students should have covered elementary distribution theory, confidence intervals, hypothesis testing and linear regression, and basic linear algebra. It is NOT necessary to have any previous experience of computers, but students will be expected to use the MINITAB computer package to carry out the calculations necessary to do the course exercises.

Teaching Arrangements: There are three lecture courses, each accompanied by a class, as follows: Lectures: ST210 **Applied Regression and Analysis of Variance** 10 Michaelmas Term.

ST211 **Time Series and Forecasting** 10 Lent Term

ST213 **Survey Methods** 10 Lent Term

Classes: ST210a 9 Michaelmas Term, 1 Lent Term

ST211a 5 Lent Term

ST213a 5 Lent Term

ST210 **Applied Regression and Analysis of Variance (Dr. M. Knott).**

Ten two hour sessions on these techniques use Minitab to give an applied approach to the analysis of data.

ST211 **Time Series and Forecasting for Management (Mr. D. Balmer).**

Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting, structural time series models.

ST213 **Survey Methods (Dr. B. N. J. Blight).**

Survey Design. Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

There is one class a fortnight to discuss sets of problems given out in the lectures. The class teachers

are usually either the lecturer or a research officer. ST213 has five class seminars taken by the lecturer after the lecture course has finished. Full lecture notes and problem solutions are provided for ST210.

Reading List: Recommended books are R. B. Miller & D. W. Wichern, *Intermediate Business Statistics* (Holt, Rinehart & Winston, 1977); T. H. Wonnacott & R. J. Wonnacott, *Regression: A Second Course in Statistics* (Wiley, 1981, available in paperback); W. W. Hines & D. C. Montgomery, *Probability and Statistics in Engineering and Management Science* (Wiley, 1990, 3rd edn.); G. Kalton & C. Moser, *Survey Methods in Social Investigation*; G. Hoinville et al., *Survey Research Practice* (Heinemann, 1988).

Students may also wish to consult N. Farnum & L. Starton, *Quantitative Forecasting Methods*; J. Neter & W. Wasserman, *Applied Linear Statistical Models*; T. A. Ryan, B. L. Joiner & B. F. Ryan, *MINITAB Student Handbook*; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, covering the full syllabus for all three lecture courses. The paper usually contains nine questions, of which five should be attempted. Copies of previous years' papers are available. 80% of the total assessment of the course is based on the examination paper - the remainder is awarded on two projects and course work. The projects are set in the Michaelmas and Lent Terms and students attempt them in teams of about four members each. The projects are handed in early in the Lent and Summer Terms, and are marked on presentation as well as content.

ST7231

Marketing and Market Research

Teacher Responsible: Dr. C. Phillips, Room S266

Course Intended Primarily for

Course Unit 790/7231

B.Sc. (Management Sciences)

Diploma in Management Sciences

Core Syllabus: The aim of the course is to cover the main methods of data collection and analysis used in market and opinion research and to introduce models for perception, attitude structure and buying behaviour.

Course Content: Marketing information systems. Problem formulation and research designs for market and opinion research. Random sampling and statistical inference: stratification clustering, multistage, multiphase, and area sampling. Sampling frames and non-response. Quota sampling. Data collection methods; interviews, mail questionnaires, observation, panel studies, retail audits and some more qualitative methods. Attitude measurement. Causal designs. Demand forecasting, test marketing, product tests, advertising and public opinion research.

Pre-Requisites: An understanding of the elements of probability and statistical inference is required, together with a first course in survey methods and Regression Analysis such as ST7230 **Statistical**

Techniques in Management Sciences or Ec1430
Introduction to Econometrics and Economic Statistics.

Teaching Arrangements: ST222(i) Dr. C. Phillips (S226) Research Methods 20 Michaelmas Term, 25 Lent and Summer Terms

ST222(ii) (Dr. D. Smith) Case Studies 10 Lent Term

ST222(i) is the core methods course and is predominantly concerned with the application of survey methods in market and opinion research.

Written Work: Students will be expected to attempt about six statistical problems sets for ST222(i). They will also be asked to prepare a class paper and a report for ST222(ii).

Reading List: No one book covers the entire syllabus. Students are however advised to purchase:

T. C. Kinnear & J. R. Taylor, *Marketing Research: An Applied Approach* (Available in paperback).

Books which students may wish to consult include: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; R. W. Worcester & J. Downham (Eds.), *Consumer Market Research Handbook*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based upon ST222(i). The paper contains nine questions of which four are to be answered. It will be marked out of 80 and there will be a course work mark out of 20 based upon ST222(ii).

Copies of past examination papers are available.

ST7242

Regression and Analysis of Variance (Half unit course)

Teachers Responsible: Dr. Maria-Pia Victoria-Feser, Room S207 and Miss S. Brown, Room S211

Course Intended Primarily for B.Sc. (Econ.) Statistics 3rd Year; B.Sc. (Statistics) 3rd Year; B.Sc. (Actuarial Science) 3rd Year; Diploma in Statistics.

Core Syllabus: The course offers a solid coverage of the most important parts of the theory and application of regression models, general linear models and the analysis of variance.

Course Content: ST218 Least Squares, diagnostics, generalised linear models, the GLIM package, analysis of variance models for simple designed experiments and observational studies.

Pre-Requisites: Elementary Statistical Theory and some knowledge of statistical inference, as in **Probability, Distribution Theory and Inference.**

Teaching Arrangements: Course SM218 has ten hours of lectures in the Michaelmas Term, and ten hours in the Lent term. There are five classes in each of these terms.

Reading List: N. R. Draper & H. Smith, *Applied Regression Analysis*, 2nd edn.; K.A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; P. McCullagh & J. A. Nelder, *Generalised Linear Models*; A. J. Dobson, *An Introduction to Generalised Linear Models*.

Examination Arrangements: There is a two hour written paper in the Summer Term. Candidates must answer 3 out of 5 or 6 questions. It will be marked out of 80 and there will be an additional mark out of 20 based on project work.

ST7243

Stochastic Processes (Half unit course)

Teacher Responsible: Dr. A. Dassios, Room S218

Course Intended Primarily for B.Sc. (Statistics).

Core Syllabus: An introduction to the theory and application of stochastic processes.

Course Content: ST219 Elementary stochastic processes including Markov Chains, Poisson Processes, Birth and Death Processes. Applications of stochastic processes in selected social sciences fields.

ST221: Actuarial applications of stochastic processes. Risk theory and credibility theory with applications to insurance. Applications of utility theory to the design of insurance contracts. Loss distributions.

Teaching Arrangements: ST219 10 hours and 5 classes.

ST221 10 hours and 5 hours.

Reading List: ST219: H. M. Taylor & S. Karlin, *An Introduction to Stochastic Processes*; D. J. Bartholomew, *Stochastic Models of Social Processes*.

ST221: Dickson & Waters, *Risk Models*; Dickson & Waters, *Ruin Theory*; R. Hogg & S. Klugman, *Loss Distributions*; R. E. Beard, T. Pentikainen & E. Personnen, *Risk Theory-The Stochastic Basis of Insurance*; H. Waters, *An Introduction to Credibility Theory* (note available from the Institute of Actuaries).

Examination Arrangements: There is one two hour written paper in the Summer Term. Candidates must answer 3 out of 5 or 6 questions.

ST7244

Time Series and Forecasting (Half unit course)

Teacher Responsible: Professor A. C. Harvey, Room S203

Course Intended Primarily for B.Sc. (Maths); B.Sc. (Actuarial Science); B.Sc. (Stats); B.Sc. (Econ.) Statistics.

Core Syllabus: The courses introduce the student to the statistical analysis of time series data.

Course Content: Time series regression models, ad hoc forecasting techniques, simple structural time series models, stationarity, ARIMA modelling.

Pre-Requisites: Probability, Distribution, Theory and Inference.

Teaching Arrangements: There are 20 lectures (ST220) and 10 classes (ST220a) in the Lent Term.

Reading List: A. C. Harvey, *Time Series Models*, 2nd edn.; T. Mills, *Time Series Techniques for Economists*; C. Chatfield, *The Analysis of Time Series*, 4th edn.

Examination Arrangements: There is one two hour written paper in the Summer Term. Candidates must answer 3 out of 5 or 6 questions.

ST7245

Sample Survey Theory and Methods (Half unit course)

(Not available 1994-95)

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. c.u..

Core Syllabus: Introduces students to the design and execution of sample surveys and social investigations, and to simple methods of analysis.

Course Content: ST215: The theory of probability sampling, design decisions, methods of probability sampling, data collection methods and the control of response and non-response errors, the design of experiments and other explanatory studies.

Teaching Arrangements: ST215 20 hours of lectures and 10 hours of classes in the Michaelmas and Lent Terms.

Reading List: C. A. O'Muirheartaigh & C. Payne, *The Analysis of Survey Data*, Vol. 1; W. G. Cochran, *Sampling Techniques*; C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Examination Arrangements: There is one two hour written paper in the Summer Term. Candidates must answer 3 out of 5 or 6 questions.

ST7246

Multivariate Methods and Contingency Tables (Half unit course)

Teachers Responsible: Ms. I. Moustaki, Room X24 and Dr. M.-P. Victoria-Feser, Room S207

Course Intended Primarily for B.Sc. c.u. (SAMS); B.Sc. (Econ.) (Statistics).

Core Syllabus: The theory and practice of multivariate methods for continuous and discrete data.

Course Content: ST216 Principal components analysis, cluster analysis, factor and latent structure analysis, multidimensional scaling. Illustrative examples and use of computer packages.

ST217 Analysis of categorical data; log-linear models for contingency tables; graphical models.

Pre-Requisites: Probability, Distribution Theory and Inference.

Teaching Arrangements: ST216: Given by Ms. I. Moustaki and students should attend the ST259 Applied Multivariate Analysis course (Lecturer: Professor David Bartholomew).

Consisting of 10 lectures and a number of computer sessions and classes.

ST217: Fifteen hours consisting of 10 lectures and 5 classes.

Reading List: C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; W. J. Krzanowski, *Principles of Multivariate Analysis*; G. C. E. Fienberg, *The Analysis of Cross-Classified Data*; G. J. G. Upton, *The Analysis of Cross-tabulated Data*.

Examination Arrangements: There is one two hour written paper in the Summer Term. Candidates must answer 3 out of 5 or 6 questions.

ST7248

Applied Statistics Project

Teacher Responsible: Dr. C. Phillips, Room S266

Course Intended Primarily for B.Sc. Statistics Part

A 2nd year. Other students are admitted only with the permission of the teacher responsible.

Core Syllabus: Introduction to practical data analysis using the micro-computer statistical packages, primarily minitab.

Course Content: Tabulation, Graphical Presentation, Regression, Analysis of Variance. A variety of Statistical Packages will be used.

Pre-Requisites: Elementary Statistical Theory or Statistical Theory and Applications.

Teaching Arrangements: In the Michaelmas Term students attend the **Statistical Techniques for Management Science** courses on **Applied Regression and Analysis of Variance** (ST210+a). There will be 10 one hour meetings in the Lent Term (ST242).

Examination Arrangements: Assessment will be entirely based on the course work arising from ST210, reports on the project work, to be submitted by the first day of the Summer Term, and on presentations made by the students.

ST7262

Actuarial Investigations: Statistical (Half unit course)

Teacher Responsible: Dr. A. Dassios, Room S218

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. (Act. Sci. 3rd year); B.Sc. c.u.SAMS.

Core Syllabus: Estimation and smoothing of decremental rates and aspects of demography affecting them.

Course Content: Properties and estimation techniques for statistical models underlying a process with a single decrement. Collecting data in a form suitable for examining past experience. Exposure to risk. Census and exact exposure methods and the derivation of crude decrement rates for a single decrement model by age and duration. Monitoring actual against expected experience for a single decrement model. Methods of graduation. Testing the suitability of a graduation. Social, economic and regional factors affecting mortality. Mortality indices. Population experience. Discussion of the results of the Continuous Mortality Investigation. English Life Tables.

Pre-Requisites: Mathematical Methods and either Elementary Statistical Theory or Statistical Theory and Applications.

Teaching Arrangements: (ST244) 20 lectures and 10 classes in the Lent Term. Revision classes may be arranged for Summer Term.

Reading List: To be announced in Lectures.

Examination Arrangements: A three hour written paper in the Summer Term.

ST7263

Actuarial Investigations: Financial (Half unit course)

Teacher Responsible: Dr. A. Dassios, Room S218

Course Intended Primarily for B.Sc. (Econ.) Part

II; B.Sc. (Act.Sci. 2nd year); B.Sc. c.u.SAMS.

Core Syllabus: The application of compound interest techniques to financial transactions.

Course Content: Introduction to the fundamental nature of actuarial work. The time value of money using the concepts of compound interest and discounting. The present and accumulated values of a stream of payments. Expressing possibly time varying interest and discount rates in terms of different time periods. Compound interest functions. Equations of value. Discounted cash flow techniques and investment appraisal. Makeham's formula. Yield curves, discounted mean terms, matching and immunisation. Consumer credit. Capital redemption policies. Stochastic interest rate models.

Pre-Requisites: **Mathematical Methods** and either **Elementary Statistical Theory** or **Statistical Theory and Applications**.

Teaching Arrangements: (ST243) 20 lectures and 10 classes in the Michaelmas Term. Revision classes may be arranged for Summer Term.

Reading List: J. J. McCutcheon & W. J. Scott, *An Introduction to the Mathematics of Finance*, Heinemann, 1986.

Examination Arrangements: A three hour written paper in the Summer Term.

ST7264

Actuarial Applied Statistics

Teacher Responsible: Dr. A. Dassios, Room S218

Course Intended Primarily for B.Sc. (Statistics) (Act.Sci.) This course must not be taken with either ST7243 or ST7216.

Core Syllabus: An introduction to the use of statistics in actuarial science, with special reference to insurance.

Course Content: ST219: Elementary stochastic processes including Markov Chains, Poisson Processes, Birth and Death Processes.

ST221: Actuarial applications of stochastic processes, Risk theory and credibility theory with applications to insurance. Loss distributions.

ST238: The normative theory of subjective probability and expected utility.

ST240: General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some statistical problems.

Pre-Requisites: **Probability, Distribution Theory and Inference**.

Teaching Arrangements: ST219 10 hours & 5 classes, ST221 10 hours and 5 classes, Michaelmas and Lent Terms.

ST238 10 hours and five classes, ST240 10 hours and 5 classes, Michaelmas and Lent Terms.

Reading List: ST219: H. M. Taylor & S. Karlin, *An Introduction to Stochastic Modeling*.

ST221: Dickson & Waters, *Risk Models*; Dickson & Waters, *Ruin Theory*; R. Hogg & S. Klugman, *Loss Distributions*; R. E. Beard, T. Pentikainen & E. Personnen, *Risk Theory - The Stochastic Basis of Insurance*; H. Waters, *An Introduction to Credibility Theory* (note available from the Institute of Actuaries).

ST238 & ST240: See reading list for ST7216.

Examination Arrangements: There will be a 3 hour paper with 5 questions all of which have to be attempted on ST221 and a 2 hour paper on ST219, ST238 & ST240 with 3 questions to be answered, one from each of the 3 sections of the paper.

ST7265

Actuarial Life Contingencies I (Half unit course)

Teacher Responsible: Mr. M. Gilbert, Room S218a
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. (Act.Sci. 2nd year); B.Sc. c.u.SAMS.

Core Syllabus: Fundamental concepts in actuarial mathematics and their application.

Course Content: Single decrement models in both discrete and continuous form and application to simple problems. Mortality rate and forecast mortality; probability of survival; expectation of life. Select ultimate mortality. The analysis of simple problems of emerging costs using a single decrement model. Calculating the present and accumulated values of a stream of payments using a single decrement model for the probability of payments being made. The analysis of problems including an equation of value using a single decrement model for the probability of payments being made. Annuity and assurance functions for a single decrement model. The relationship between an annuity and the corresponding assurance function. Evaluation of the liabilities under simple annuity or assurance contracts.

Pre-Requisites: **Mathematical Methods** and either **Elementary Statistical Theory** or **Statistical Theory and Applications**. Some knowledge of fundamental concepts as described in **Actuarial Investigations: Financial** is useful.

Teaching Arrangements: (ST235) 20 lectures and 10 classes in the Lent Term. Revision classes may be arranged for Summer Term.

Reading List: Neil, *Life Contingencies*. Others to be announced in lectures.

Examination Arrangements: A three hour written paper in the Summer Term.

ST7266

Actuarial Life Contingencies II (Half unit course)

Teacher Responsible: Mr. M. Gilbert, Room S218a
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. (Act.Sci. 3rd year); B.Sc. c.u.SAMS.

Core Syllabus: Further actuarial mathematics and their application.

Course Content: Multiple decrement models. Calculating the present and accumulated values of a stream of payments using a multiple decrement model for the probability of payments being made. The analysis of problems including an equation of value using a multiple decrement model for the probability of payments being made. Sickness models. Functions involving more than one life.

Commutation functions suitable for valuing pension fund benefits and contributions. Profit-testing applied to unit linked policies. The application of all techniques taught in the course to a range of insurance problems.

Pre-Requisites: **Actuarial Life Contingencies I**.

Teaching Arrangements: (ST236) 20 lectures and 10 classes in the Michaelmas Term. Revision classes may be arranged for Summer Term.

Reading List: To be announced in lectures.

Examination Arrangements: A three hour written paper in the Summer Term.

The Graduate School and Regulations for Diplomas and Higher Degrees

General Note: The School prepares students for degrees of the University of London. It has no power to award its own degrees.

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

The Statistics of Students elsewhere in the *Calendar* show the numbers of students registered for the different taught postgraduate courses (for the taught Master's degrees of the University of London and for Diplomas) and for research in different subjects, whether for a University of London research degree, or for supervised non-degree research.

A separate handbook, *The Graduate School*, issued each session, is available. It contains a fuller description of facilities at the School for graduate students.

Enquiries about admission to the Graduate School should be addressed to the Graduate Admissions Office. Applications for admission must reach the School on the prescribed form. Applicants are advised to make first enquiries well in advance.

Degrees

The degrees of the University of London for which graduate students may register at the School are as follows:

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

Diplomas

Students are registered in the Graduate School for all diplomas awarded by the School, and for the University of London Diplomas in Law and in International Law.

Research Fee Registration

The School accepts for registration students wishing to visit the School for short periods to undertake research or studies not leading to the award of a School or University qualification. Such students carry out their research under the guidance of a supervisor and may attend relevant lectures and seminars recommended by their supervisor. They may be allowed to take examinations, the results of which may be made available; certificates of attendance are available on request. Admission will depend upon the applicants' possessing academic qualifications which, in the opinion of the Graduate School Committee, are adequate for the course of study or research proposed; it will also depend upon places being available. Unless some other period is specified in the School's letter of acceptance, registrations under the Research Fee are valid for one session only and students so registered should apply to the Graduate Office before the end of the session if they wish to be considered for re-registration for all or part of the following session.

The Higher Doctorates

The School does *not* register candidates for higher doctorates. Only London graduates are eligible to apply for these doctorates and all candidates interested should communicate directly with the Academic Registrar at the University of London, Senate House, London WC1E 7HU.

External Higher Degrees

All arrangements for external degrees are made through the External Department, Senate House, Malet Street, London WC1E 7HU. Occasionally arrangements may be made for External research degree students to register at the School under the Research Fee arrangement (see above) in the same manner as students preparing for research degrees of other universities. Candidates so accepted must conform to the appropriate School and University Regulations and, while registered at the School must pay the same tuition fees as candidates registered for internal degrees.

The School reserves the right at all times to withdraw or alter particular courses or course syllabuses.

Regulations for Higher Degrees of the University of London

The principal provisions of the University's Regulations, as they most commonly affect students at the School, are described below. In general, students deal with the University through the Graduate School (except in matters to do with the detailed arrangements for examinations for the University's degrees). However, it is the responsibility of all students registered for a degree of the University of London to acquaint themselves with the relevant Regulations of the University, a copy of which may be obtained from the Graduate Office or from the University.

Qualifications for Admission to the Graduate School

The minimum qualifications required to establish eligibility for admission to a Diploma course are described in the Regulations for each Diploma (below).

The University of London lays down the following minimum entrance requirements for admission to its higher degrees:

- (a) A Second Class Honours degree of a UK university or of the C.N.A.A. or an overseas qualification of an equivalent standard obtained after a course of study extending over not less than three years in a university (or educational institution of university rank) in a subject appropriate to that of the course to be followed;
 - or
- (b) A professional qualification obtained by written examination and approved by the University as an appropriate entrance qualification for the Master's degree course in question.

The School may consider for registration candidates who possess a degree, or overseas qualification of equivalent standard obtained after a course of study extending over not less than three years in a University (or educational institution of University rank), in a subject appropriate to that of the course to be followed *and* who, although they do not meet the normal entry standard defined in (a) above, yet by evidence of their background and experience satisfy the School as to their fitness to follow the course. Where such candidates cannot present evidence that they possess the necessary background and experience they may be considered by the School for registration provided that the School so determines and provided also that they pursue the course for a period at least one year longer than the minimum period prescribed in the individual course regulations in order that they may, in the initial stages of that longer period attain the standard normally expected for registration.

The School may give special consideration to an applicant without the minimum qualifications who offers instead other qualifications obtained by written examination (this may be done in cases where the applicant has, for example, considerable work experience relevant to the proposed area of study).

N.B. There are many more applications than places available, and the School usually specifies conditions of admission over and above the minimum requirements. Possession of the minimum qualifications as defined above is not in itself accepted as evidence that applicants possess sufficient knowledge and training to study the subject at the standard proposed. Every application is considered on its merits, and applicants may be required to attend an additional course and/or to pass a qualifying examination before or during the course.

Registration, Attendance and Course of Study

1. It is essential that all students while pursuing a course of study as internal students should be prepared to attend personally for study at the School at such time or times as their supervising teachers may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time, except where M.Phil./Ph.D. students are given permission to undertake field work away from London.

2. If students do not register at the beginning of the session, serious administrative difficulties may be caused. If a candidate who has been offered admission for October fails to register at the School by 31 October, without adequate reasons and without informing the School in advance of his or her inability to register in time, the offer of admission will be automatically cancelled.

3. **Continuing students must re-register by 31 October each year.** Failure to do so, without adequate reason and without informing the School in advance, of inability to re-register by this date may lead to the termination of the student's record; this does not apply to students who have been given written permission by the Dean of the Graduate School to interrupt their registration.

4. No student may change from one degree or diploma programme to another without the written permission of his or her supervisor and of the department to which the student wishes to transfer. **No student may change degree or diploma programme after 31 October.** In exceptional cases the permission of the Dean of the Graduate School may be sought for changes after this date.

5. Students accepted by the School must be registered with the University as soon as they start their courses at the School. As part of this process, students must complete a registration form and return it to the Graduate Office, where they must also show satisfactory *official* evidence of their qualifications.

6. The School must register students with the University not later than three months after the date on which the course is begun. Retrospective registration may be allowed in some circumstances, particularly where the student has already been registered in the Graduate School. There is no provision for retrospective registration for a taught Master's degree. Only in exceptional circumstances may retrospective registration towards another degree be allowed for any period spent on a taught Master's degree.

7. *Part-time registration* at the School is intended for those who, by reasons of outside employment or other duties, must spread their course over a longer than normal period in order to be able to attend the relevant teaching and to complete the minimum course of study.

Before students are permitted to register part-time, they must supply adequate evidence as to the nature and hours of their employment or other outside commitments, which should normally amount to at least 15-20 hours per week in the London area, in term-time. Overseas students will usually find that, under the Government's Immigration Rules, they are required to be full-time students; it is the responsibility of individual students to ensure that their status in the School is compatible with their status under the Immigration Rules.

8. *Full-time students* may be permitted by the School, on the recommendation of their supervisors, to undertake a limited amount of *paid employment* relevant to their studies. It must be made clear, however, that continued registration at the School depends on satisfactory attendance and progress, and that full-time students should be primarily committed to their studies. If other commitments seriously affect their studies, their continued registration at the School might be jeopardized.

Grant-awarding bodies may have their own rules as to the amount of paid employment which may be undertaken by students holding their awards; the School will not permit award-holders to undertake paid employment in contravention of such rules.

9. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. Students upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before they enter for a degree examination (or submit a thesis). Students failing to pass this qualifying examination will not be permitted to re-enter for it without the permission of the School.

Diploma Courses

The School offers tuition for a number of Diplomas, mostly awarded by the School (except those in Law and International Law, which are awarded by the University of London) for persons holding a university degree or other qualification approved by the School. School Diplomas are normally examined in June by means of formal written examination papers; these may be supplemented by essays, and examiners may test any candidates by means of oral questions. The University Diplomas in Law and International Law are examined by means of a dissertation; and the Diploma in International Law may also be examined in August/September by means of three formal written examination papers. Students will not normally be accepted for a Diploma course which is deemed to be substantially similar in content to one which they have already taken at the School.

Details of the various courses offered at the School for a Diploma are contained below and in the following pages.

Regulations for School Diplomas

1. A School Diploma (other than a Short-Course Diploma as defined in Regulation 4) is intended for award on the satisfactory completion, including formal examination, of a full-time course of study approved by the Academic Board of at least one academic year, or its equivalent in part-time study, by students of graduate standing whose previous qualifications do not (because of their level, or subject content) fully equip them to proceed direct to a Master's degree course.

2. The normal minimum entrance qualification for a School Diploma is a degree, or equivalent qualifications and experience.

3. The course of study for a School Diploma is one full-time year, or the equivalent in part-time study. Examinations shall consist of a number of separate elements, consisting of at least nine hours of unseen written examination papers; other examination techniques may be used in addition.

4. A Short-Course Diploma may be awarded on the satisfactory completion, including formal examination, of a course of study; details of the syllabus and mode of examination approved by the Academic Board will be incorporated in the Diploma issued to the student.

5. The examinations for Diplomas or Short-course Diplomas will be subject to Examination Instructions approved by the Academic Board.

6. A student who fails the examinations for a Diploma or Short-Course Diploma will normally be entitled to re-sit the examinations on one further occasion. Published regulations for each course may allow alternative re-examination arrangements. Exceptionally the Graduate School Committee, on the recommendation of the examiners, may permit alternative arrangements for particular candidates.

Examination Arrangements

Entry for Examination

The arrangements for examination entry are described in the section 'Dates of Examinations'. Forms for re-entry to examinations will not be issued automatically; candidates must ask for them in late January. Candidates are bound by the Regulations in force at

the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations.

Withdrawal from Examination and Illness at the Examinations

Full instructions on the procedure to be followed if a candidate wishes to withdraw, or is prevented by illness or other good cause from attending the examination, are supplied with the examination entry form. Generally speaking, candidates should, in their own interests, inform the Graduate Office as early as possible and ask for advice on their position.

Notification of Results

After the examiners have reached a decision, every candidate for a School Diploma will be notified of the result. For some Diplomas, grades of Distinction, Merit and Credit are awarded. In others, the only grade awarded is a mark of Distinction to candidates showing exceptional merit in the examination. A Diploma bearing the seal of the School and indicating any grade awarded is sent to every candidate awarded a School Diploma.

N.B. The School reserves the right to withhold, or to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Regulations and Course Guides for Diplomas

The regulations for Diplomas are listed in departmental sections in the following pages. In the regulations, a Course Guide number is printed opposite each examination paper. Information on Course Guides is given on p. 593.

Diploma students should first read the Regulations for their particular degree, governing the choice of examination subjects. Only those subjects or combinations of subjects explicitly permitted by the regulations for each Diploma may be offered for examination. Where special permission is required for a particular subject or combination of subjects, the student concerned must apply for permission, in writing, to the Academic Registrar at the start of the session. Otherwise, they may have to change at a later date to subjects which are permitted by the regulations.

Department of Accounting and Finance

Diploma in Accounting and Finance

The examination shall comprise four papers selected with the approval of the Department of Accounting and Finance from the list below:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1	Principles of Corporate Finance and Financial Markets	Ac1125
2	(a) Managerial Accounting	Ac1021
	or (b) Financial Accounting	Ac1122
3 & 4.	Two of the following:	
	(a) The paper not selected under 2 above	
	(b) Auditing and Accountability	Ac1124
	(c) One of the following:	

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide</i>
	(i) Microeconomic Principles I	Ec1423
	(ii) Microeconomic Principles II	Ec1424
	(iii) Industrial Economics	Ec1451
	(iv) Macroeconomic Principles	Ec1455
(d)	Introduction to Econometric and Economic Statistics	Ec1430
(e)	(i) Quantitative Methods for Economists	Ec1417
or	(ii) Elements of Management Mathematics	OR7340
(f)	Commercial Law	LL5060
(g)	Organisational Theory and Behaviour	Id3221
(h)	British Business and Contemporary Economic Performance	EH1662
(i)	Any other paper approved by the Convener of the Department of Accounting and Finance	

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Department of Economics

Diploma in Econometrics

The examination shall comprise four papers selected with the approval of the candidate's teachers from the list opposite.

Note: Candidates who wish subsequently to be considered for admission to the M.Sc. in Econometrics and Mathematical Economics will normally be expected to choose the following options: 1(b) and under 2, 3 and 4 the option (d)(ii). This requirement may be waived where candidates can satisfy their teachers that they have already reached the required standard in a particular paper or papers.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1	(a) Principles of Econometrics	Ec1561
	or (b) Econometric Theory	Ec1575
2, 3 & 4.	Three of the following:	
	(a) Topics in Quantitative Economics	Ec1579
	(b) Mathematical Economics	Ec1570
	(c) Microeconomic Principles II	Ec1424
	(d) (i) Mathematical Methods	MA7000
or	(ii) Further Mathematical Methods (Calculus)	MA7045
and	Further Mathematical Methods (Linear Algebra)	MA7044
	(e) Probability, Distribution Theory and Inference	ST7220
	(f) A paper approved by the candidate's teachers	
	(g) With the approval of the candidate's teachers, a course of study examinable by means of a project	Ec1598

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of their second year.

Diploma in Economics

The examinations shall comprise four papers selected with the approval of the candidate's supervisor from the list below.

Paper Number	Paper Title	Course Guide Number
1	(a) Microeconomic Principles I	Ec1423
or	(b) Microeconomic Principles II	Ec1424
2	Macroeconomic Principles	Ec1455
3 & 4.	Any two from:	
or	(a) (i) Basic Mathematics for Economists	Ec1415
or	(ii) Quantitative Methods for Economists (may not be taken if SM7200 Basic Statistics or SM7201 Elementary Statistical Theory is also taken)	Ec1417
or	(iii) Mathematical Methods	MA7000
or	(iv) Elements of Management Mathematics	OR7340
or	(b) (i) Basic Statistics	ST7200
or	(ii) Elementary Statistical Theory	ST7201
or	(iii) Introduction to Econometrics and Economic Statistics	Ec1430
or	(iv) Principles of Econometrics	Ec1561
	(c) Advanced Economic Analysis	Ec1506
	(d) Comparative Economic Systems	Ec1454
	(e) Development Economics	Ec1521
	(f) Elements of Accounting and Finance	Ac1000
	(g) History of Economic Thought (<i>not available 1994-95</i>)	Ec1540
	(h) Industrial Economics	Ec1451
	(i) International Economics	Ec1520
	(j) Labour Economics	Ec1452
	(k) Mathematical Economics	Ec1570
	(l) Monetary Economics	Ec1513
	(m) Principles of Corporate Finance and Financial Markets	Ac1125
	(n) Problems of Applied Economics (<i>not available 1994-95</i>)	Ec1500
	(o) Public Economics	Ec1507
	(p) Theory of Business Decisions	Ec1453
	(q) An approved paper in Economic History	—
	(r) Any other paper approved by the candidate's supervisors	—

Note: Where incoming students can demonstrate proficiency in Microeconomic and/or Macroeconomic Principles to the appropriate standard, they may be allowed to substitute additional papers under 3 and 4 for papers 1 and/or 2. Candidates who wish subsequently to be considered for the M.Sc. in Economics at the School will normally be expected to choose one of the papers listed under (a) of papers 3 and 4, and one paper listed under (b). All entrants to the M.Sc. in Economics are expected to demonstrate competency in both mathematics and statistics before being allowed to proceed further.

Department of Geography

Diplomas in Economic Geography and in Urban and Social Geography

The examination shall comprise papers on four subjects selected with the approval of the department from the list below. Candidates for the Diploma in Economic Geography are

required to include at least two papers in that field (marked (E) in the list below): candidates for the Diplomas in Urban and Social Geography are required to include at least two papers from the fields of urban and social geography (marked (U) in the list below).

Paper Number	Paper Title	Course Guide Number
1.	One of the following:	
	(a) Methods in Geographical Analysis <i>or</i> Applied Geographical Information Analysis	Gy1816 Gy1857
	(b) Locational Change and Business Activity (E)	Gy1827
	(c) Space, Society and Culture (U)	Gy1819
	(d) Environment and Society (E)	Gy1808
2, 3 & 4.	Three of the following:	
	(a) A further paper from (1) above	
	(b) Europe and the Global Economy (E)	Gy1927
	(c) The Geography of Gender: Global Perspectives (U)	Gy1970
	(d) Political Geography	Gy1830
	(e) Planning, Land and Property (U)	Gy1825
	(f) The Environmental Policy Process: National and Local Level	Gy1943
	(g) Latin America	Gy1883
	(h) Mapping and Geographical Information Systems (GIS): Policy and Performance	Gy1952
	(i) An approved regional study	
	(j) Any other subject approved by the Department	

Part-time students may take one or two papers at the end of the first year of the course and the remainder at the end of the second year.

Diploma in Environmental Management

The examination shall comprise:

Paper Number	Paper Title	Course Guide Number
1.	Environment and Society	Gy1808
2.	Hazard and Disaster Management	Gy1969
3.	The Environmental Policy Process: National and Local Level	Gy1943
4.	Law and Environment	LL5143

Department of Industrial Relations

Diploma in Business Studies

Examination

The examination shall consist of the following:

Paper Number	Paper Title	Course Guide Number
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Written examinations as follows (normally three-hour papers, except as indicated otherwise):

1	Business Policy (examined through continuous assessment, which may take the form of a project/essay of not more than 7,500 words)	Id4250
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<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
2 & 3.	Two of the following:	
(a)	(i) Elements of Accounting and Finance	Ac1000
or	(ii) Managerial Accounting	Ac1021
or	(iii) Principles of Corporate Finance and Financial Markets	Ac1125
(b)	(i) Economics A	Ec1402
or	(ii) Economics of Industry	Ec1451
or	(iii) Business Economics	Id4251
(c)	(i) Organizational Theory and Behaviour	Id3221
or	(ii) Human Resource Management	Id3223
or	(iii) Industrial Relations	Id3220
4 & 5.	Two of the following:	
(a)	Any paper from 2 & 3 above not already taken, subject to the approval of the candidate's teachers	
(b)	Commercial Law	LL5060
(c)	(i) Basic Statistics	ST7200
or	(ii) Elements of Management Mathematics	OR7340
or	(iii) Two two-hour papers: Programming and Programming Environments	IS7311
or	(iv) Introduction to Information Technology	IS7310
or	(v) Another approved paper from the Department of Statistical and Mathematical Sciences	
(d)	Any other paper approved by the candidate's teachers	

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Department of International Relations

Diploma in World Politics

The examination consists of five elements as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Four written papers	
1.	World Politics	IR4700
2. & 3.	Two of the following:	
(a)	Foreign Policy Analysis II	IR3781
(b)	International Institutions II	IR3783
(c)	The Politics of International Economic Relations II	IR3784
(d)	Strategic Aspects of International Relations II	IR3782
4.	Any other approved subject	
and		
II.	An assessment of four essays written during the course of study	

Part-time students normally take two papers in completion of their first year and the remainder on completion of their final year.

Department of Law

Diploma in International Law

The University grants a Diploma in International Law

1. Course of Study

1.1. The course of study is open to:

- graduates of this or another university whose undergraduate courses or previous experience have included a substantial preliminary training in Law;
- those who, although not graduates, have satisfied the School of registration that their previous education in law qualifies them to rank on the same level as graduates admissible under the preceding paragraph.

1.2 Before admission to the course students must submit evidence of their qualifications.

1.3 Students are required to attend a full-time course of study approved for the purpose by the University extending over one session, or, at the discretion of the admitting School, a part-time course of study extending over two sessions.

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

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

2. Dates of Examination

2.1 The written examination for candidates entering under methods A or B below will take place once in each year, normally during the four weeks commencing on the Monday preceding the August Bank Holiday.

2.2 Candidates entering under method B must submit their dissertations by 1 July of the year in which the course is completed.

2.3 Candidates entering under method C must submit their dissertations by 1 September of the year in which the course is completed.

2.4 Every candidate must submit a completed entry form not later than 1 May of the year in which the course is completed.

3. Details of Examination

3.1 A candidate may obtain the Diploma in International Law by:

A. passing an examination consisting of three of the International Law subjects * which can be offered under the Subject Grouping III Public International Law for the Master of Laws Examination (one paper in each subject);

OR

B. passing an examination consisting of one of the International Law subjects * which can be offered under the Subject Grouping III Public International Law for the Master of Laws Examination, AND submitting a dissertation falling within the general area of Public International Law of not more than 15,000 words. The dissertation 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.

OR

C. submitting a dissertation falling within the general area of Public International Law of not more than 20,000 words, 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.

*A candidate may offer, subject to availability, two half-subjects in lieu of one full subject. Candidates who offer two half-subjects will be examined by means of a written paper in each half-subject.

3.2 The subject of the dissertation must be approved by the School and notified to the University by 15 April in the year in which the course of study is completed.

3.3 Candidates must forward two copies of the dissertation type written or printed and bound in the prescribed fashion and a short abstract (two copies) of the dissertation comprising not more than 300 words.

3.4 If the examiners consider that the dissertation submitted by a candidate under B or C above, though inadequate, is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he or she be permitted to re-present this dissertation in a revised form within one calendar year.

3.5 A candidate who does not at his first entry successfully complete the written examination may, subject to the agreement of the School when such re-entry would involve further attendance at the School, re-enter the examination on one occasion. Such re-entry will be at the next following examination except where a School has granted permission for a candidate to defer re-entry until the examination in a subsequent year.

3.6 A list of Candidates 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 name of those candidates who show exceptional merit.

3.7 A certificate to be called the 'Diploma in International Law', under the seal of the University, will be delivered to each successful candidate. The date of the award of the diploma to successful candidates will be 1 December.

3.8 Statutes and other materials may not be brought into the examination room except in accordance with the following regulations:

Candidates are permitted to take into the examination

- (1) a Queen's Printer copy of any statute which the Board of Examiners for the time being state that a candidate may take into the examination room and of any statute, amending the permitted statutes, passed since 1980 or such later date as may be stated by the Board of Examiners
- (2) a copy of any other material which the Board of Examiners for the time being state that a candidate may take into the examination room.

Candidates may use underlining or coloured highlight markers to annotate materials taken into the examination, but all other forms of personal annotation on statutes and other materials permitted to be taken into the examination are strictly forbidden.

Diploma in Law

The University of London awards a Diploma in Law.

1. The course of study is open to:
 - (a) graduates of this or another university whose undergraduate courses or previous experience have included substantial preliminary training in Law
 - (b) those who, although not graduates, have satisfied the School that their previous education in Law qualifies them to rank on the same level as graduates admissible under the preceding paragraph.

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

2. A candidate is required to submit a dissertation of not more than 20,000 words, 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 no later than eight months after the course of study is started.

If the examiners consider that the dissertation submitted by the candidate, though inadequate is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of the approval of the subject, together with an entry-form which must be duly filled in with the certificate of course of study thereon attested in accordance with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

A list of candidates 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.

A certificate to be called the 'Diploma in Law', under the seal of the University, will be delivered to each successful candidate.

Department of Philosophy, Logic and Scientific Method

Diploma in Philosophy of the Social Sciences

The examination shall comprise three papers as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	Philosophy of the Social Sciences	Ph6208
2. & 3.	Two of the following	
(a)	Advanced Social Philosophy	Ph6251
(b)	One of	
	(i) Logic	Ph6209
	(ii) Mathematical Logic	Ph6211
(c)	History of Epistemology	Ph6204
(d)	Philosophical Logic and Metaphysics	Ph6205
(e)	Philosophy of Mathematics	Ph6206
(f)	History of Science	Ph6207
(g)	Foundations of Probability	Ph6210
(h)	Philosophy of Science and Scientific Method	Ph6200
(i)	Any other paper approved by the candidate's teacher	

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

Department of Social Policy and Administration

Diploma in Housing

The course shall last for two years (three years for part-time students), and shall include examinations comprising the following:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I	At the end of the first year for <i>full-time</i> students, <i>four</i> written papers as follows:	
1	Social Policy and Administration	SA6771

Paper Number	Paper Title	Course Guide Number
2	Housing Economics and Housing Finance	SA6773
3	Housing Policy and Administration	SA6770
4	Legal Studies	SA6772

Part-time students will take papers 1 and 3 above at the end of their first year, as Part IA of the examination, and papers 2 and 4 above at the end of the second year as Part IB of the examination.

II At the end of the second year for *full-time* (third year, for *part-time* students), *three*, written papers and an essay as follows:

5	Management Studies	SA6780
6	Building Studies	SA6781
7	Planning Studies	SA6782
8	An essay of not more than 5,000 words on an approved topic	

and **III** For *full-time* students; satisfactory completion of a prescribed period of fieldwork during the first year, of a year's work as a housing trainee in an appropriate agency in the second year, and of related coursework as directed by the course tutor. Students must complete 18 practical work reports, based on their placements, before they can sit the examinations.
For *part-time* students: satisfactory completion of work as a trainee in an appropriate agency over the three years of the part-time course, and of related coursework as directed by the course tutor. Students must complete 10 practical work reports before they can sit the examinations.

Candidates are normally required to pass Part I before proceeding to the final year of the course. If a *full-time* candidate fails in one Part I paper but reaches the prescribed standard in each other paper, the examiners may, at their discretion and if they do not consider the failure to be serious, declare the candidate to be referred in that paper. The candidate will carry forward the referred paper to the Part II examinations. Any *full-time* candidate who fails more than one Part I paper will be required to re-take the failed papers in the following June. A *part-time* candidate who fails both papers in Part IA may make one further attempt at both those papers (normally in the following June) and must pass them both before proceeding to Part IB. A candidate who fails both papers in Part IB may make one further attempt at those papers (normally in the following June) and must pass them both before proceeding to Part II. If a part-time candidate fails in one Part IA or Part IB paper but reaches the prescribed standard in the other paper the examiners may, at their discretion, and if they do not consider the failure to be serious, declare the candidate to be referred in that paper. The candidate will carry forward that paper to Part IB (in the case of a Part I candidate) or Part II (in the case of a Part IB candidate). Candidates who fail any component of the Part II examinations may make one further attempt at the whole Part II examination.

Department of Sociology

Diploma in Sociology

The examination shall consist of four papers, as follows:

Paper Number	Paper Title	Course Guide Number
1.	Sociological Theory	So5821

Paper Number	Paper Title	Course Guide Number
2.	Issues and Methods of Social Research	So5801
3.&4.	Two of the following	
(a)	Statistical Methods for Social Research	ST7215
(b)	Basic Issues in Comparative Sociology	So5822
(c)	Social and Moral Philosophy	So5801
(d)	Aspects of Contemporary British Society	So5809
(e)	The Social Structure of Russia and the C.I.S.	So5860
(f)	Political Sociology (<i>not available 1994-95</i>)	So5880
(g)	Political Processes and Social Change	So5881
(h)	Sociology of Work, Management and Employment	So5923
(i)	Sociology of Religion	So5921
(j)	Sociology of Medicine (<i>not available 1994-95</i>)	So5922
(k)	Sociology of Development (<i>not available 1994-95</i>)	So5882
(l)	Criminology	So5919
(m)	Sociology of Deviant Behaviour	So5920
(n)	Society and Literature	So5945
(o)	Women in Society (<i>not available 1994-95</i>)	So5918
(p)	Theories and Problems of Nationalism	So5883
(q)	The Psychoanalytic Study of Society	So5960
(r)	Evolution and Social Behaviour	So5961

A candidate wishing to proceed to the M.Sc. in Sociology will normally be expected to pass at a standard satisfactory to the Department.

Department of Statistics

Diploma in Statistics

Papers for the examination (normally four three-hour papers, except as otherwise indicated) shall be selected from the following list, with the approval of the candidate's supervisor:

Paper Number	Paper Title	Course Guide Number
(a)	Probability, Distribution Theory and Inference	ST7220
(b)	Either (i) Statistical Techniques or (ii) Two two-hour papers from: Regression and Analysis of Variance Time Series and Forecasting Stochastic Processes	ST8258 ST7242 ST7244 ST7243
(c)	(i) Mathematical Methods or (ii) Further Mathematical Methods	MA7000 MA7020
(d)	Statistical Demography	ST8190
(e)	Operational Research Methods	OR7345
(f)	(i) Econometric Theory or (ii) Principles of Econometrics	Ec1575 Ec1561
(g)	Introduction to Information Technology	IS7310
(h)	One unit from: Artificial Intelligence (<i>not available 1994-95</i>) Networks and Distributed Systems Data Base Systems	IS7333 IS7327 IS7325

Paper
Number

Paper Title

Course Guide
Number

- | | | |
|-----|--|--------|
| | Knowledge Management Using Expert Systems | IS7324 |
| (i) | Any other paper approved by the candidate's teachers | |

Candidates may not offer a paper in which they have been examined at first degree level or its equivalent.

Candidates will normally be expected to include papers (a) and (c) in their selection, and if they wish subsequently to be considered for the M.Sc. in Statistics at the School, they will normally include paper (b) also. These restrictions may be waived where candidates can satisfy their supervisors that they have already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

Course Guides for Diplomas

Listed below is information on teaching intended primarily for Diploma students. Teaching for most Diploma examinations (those shown in the Diploma regulations with an odd initial Course Guide number) is listed in the section on undergraduate courses (pp. 354-577). Teaching for Diplomas in the Philosophy department is listed in the section on Master's degree courses (pp.603-901). Teaching for all other Diploma examinations with an even initial Course Guide number is listed below, in order of the Diploma concerned, and prefaced by introductory courses of general interest.

The information on teaching below is in two parts. The first part lists lectures and seminars, cross-referenced to the Course Guides, which sets out details of teaching, reading lists and other essential information about teaching and examinations.

Diploma students should first read the regulations for their particular Diploma, governing the choice of examination subjects. Only those subjects or combinations of subjects explicitly permitted by the regulations for each Diploma may be offered for examination. Where special permission is required for a particular subject or combination of subjects, the student concerned must apply for permission, in writing, to the Academic Registrar at the start of the session. Otherwise, they may have to change at a later date to subjects which are permitted by the regulations.

The lecture and seminar lists and the Course Guides are in numeric sequence. Both sequences have a common departmental prefix (e.g. Ac for Accounting; Ec for Economics), but after the prefix, the number series differ.

The list of lectures and seminars in each department (which uses a *three*-digit number series) also appears in the *Sessional Timetable*, which is published in August, and sets out the times, places and beginning dates of the lectures and seminars in the coming session. Against each lecture/seminar is indicated the number of meetings and the term(s) in which they take place (M = Michaelmas, L = Lent, S = Summer).

Course Guides mostly relate to examinable courses identified in the regulations for diplomas, and they set out all the information required to help students prepare for the examination: the Core Syllabus, which defines the broad parameters and objectives of each course, the Course Content, which gives details of the teaching to be given in the current session within the boundaries of the Core Syllabus, the preliminary reading list, the relevant lectures, seminars and classes (as listed both here and in the *Sessional Timetable*) and the details of the examination arrangements and methods of assessment. These Course Guides have a *four*-digit number which is also used to identify the related examination, and is the number used in the regulations.

To help students identify the courses and teachers dealing with particular subjects, there are subject and teacher indexes to Course Guides at the back of the *Calendar*.

Regular students (see definition in the section "Admission of Students") are at liberty to attend any course of lectures except those where a limitation is indicated by an asterisk either in the Course Guide or in the lecture and seminar list.

The School reserves the right at all times to withdraw or alter particular courses and syllabuses.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Introductory Courses			
GC551	Study Skills in the Social Sciences Professor P. Dunleavy	4/M	GC551
GC552	Revising for Exams Professor P. Dunleavy	3/L	GC552
Diploma in Business Studies			
Id180	Business Policy Dr. R. Peccei	20/ML	Id4250
Diploma in World Politics			
IR105	The Foreign Policies of the Powers Mr. R. Barston, Mr. G. H. Stern and others	30/L	IR3702; IR3770; IR3781; IR4610; IR4461; IR4662; IR4663; IR4750
IR106	Foreign Policy Analysis Professor C. J. Hill	12/ML	IR3702; IR4610; IR3781
IR107	Decisions in Foreign Policy Dr. C. Coker	4/L	IR3702; IR4610; IR3781
IR108	International Institutions Mr. N. Sims and Dr. P. Taylor	20/ML	IR3703; IR4630; IR3783
IR118	New States in World Politics Dr. P. Lyon	10/L	IR3700; IR4610; IR4662; IR4663
IR123	The External Relations of the European Community Professor C. J. Hill	10/ML	IR4631; IR4750; IR3771
IR135	The International Legal Order Professor I. de Lupis Frankopan	5/L	IR135

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
IR137	The Politics of International Economic Relations Dr. S. Economides and Mr. P. Wilson	10/M	IR3752; IR4641; IR3784; IR4643
IR138	Strategic Aspects of International Relations Dr. C. Coker	15/ML	IR3754; IR4650; IR3782
IR139	Disarmament and Arms Limitation (Not available 1993-94) Mr. N. A. Sims	15/ML	IR139
IR140	International Verification (Not available 1993-94) Mr. N. A. Sims	5/L	IR140
IR142	Current Issues in International Relations Mr. G. Stern	10/L	IR142
IR174	World Politics - Seminar Mr. M. H. Banks and Mr. G. H. Stern	25/MLS	IR4700
Diploma in Statistics			
Pn107	Mathematical and Statistical Demography (Not available 1993-94) Mr. M. J. Murphy	24/MLS	Pn8190
ST210	Applied Regression and Analysis of Variance Professor A. C. Atkinson	20/ML	ST7230; ST8258
ST211	Time Series and Forecasting for Management Ms. E. Ruiz	10/L	ST7230; ST8258
ST213	Survey Methods Dr. B. Blight	10/L	ST7230; ST8258
IS321	Applications of Computers To be arranged	15/ML	IS7321; IS8301

Course Guides**Introductory Courses****Study Skills in the Social Sciences**

GC551

Teacher Responsible: Professor P. Dunleavy, Room K300 for LSE Study Counselling Centre.

Course Recommended for: all new B.Sc. (Econ.) students, plus any students on M.Sc. or Diploma courses who are new to the UK's educational system.

Teaching Arrangements: Four sessions Michaelmas Term, starting week 3.

Course Content: The course provides an introduction to study skills useful for social science students at first degree level and above. It aims to get those attending to review their own study patterns in the light of a menu of possible improvements. The course is taught in a lecture/workshop setting and advice notes are distributed at each session. Topics covered:

- _ Introduction: Getting Better at Reading
- _ Taking Better Notes
- _ Analysing Concepts and Brainstorming
- _ Writing Better Essays

Reading List: P. J. Dunleavy, *Studying for a Degree in the Humanities and Social Sciences*; D. Rowntree, *Learn how to Study* (1988 edition only).

GC552

Revising for Exams

Teacher Responsible: Professor P. Dunleavy, Room K300 for LSE Study Counselling Centre.

Course Recommended for: any students taking exams.

Teaching Arrangements: Three sessions Lent Term, weeks 8, 9 and 10.

Course Content: This course provides suggestions and advice on:

- _ Getting Started on Revision
- _ Active Revision: Doing Revision Answers
- _ Taking Exams

Advice notes are distributed at each session, which take the form of a lecture/workshop.

Reading List: P. J. Dunleavy, *Studying for a Degree in the Humanities and Social Sciences*.

Diploma in Business Studies

Id4250

Business Policy

Teacher Responsible: Dr. R. Peccei, Room H710

Course Intended for students taking the Diploma in Business Studies.

Core Syllabus: The aim of the course is to define and examine some of the key external and internal policy decisions that must be taken to ensure the effective operation of an organisation. In choosing among a range of policy decisions, particular attention is given to the critical analysis of a number of ideas and approaches that are currently fashionable in the business literature.

Course Content: The organisation and its environ-

ment: the concept of strategy and of strategic management; the strategy formulation and implementation process; the analysis of corporate and business strategy in different contexts, including emerging and mature industries; the management of strategic change in business firms and in not-for-profit organisations.

Internal structure, systems and processes: approaches to the design of organisation structure, leadership and organisational culture; critical evaluation of Human Resource Management; approaches to organisational effectiveness.

Pre-Requisites: None.

Teaching Arrangements: There will be 20 two hour sessions of lectures and case studies (Id180).

Reading List: The following list includes some introductory reading and some central texts. A full reading list will be provided at the start of the course.

J. B. Quinn, *The Strategy Process Concepts and Cases*; G. Johnson & K. Scholes, *Exploring Corporate Strategy*; A. Pettigrew, *Managing Strategic Change*; H. Mintzberg, *Structures in Fives*; T. Peters & R. Waterman, *In Search of Excellence*; E. Schein, *Organizational Culture and Leadership*; M. Beer et al., *Human Resource Management: A General Manager's Guide*; K. S. Cameron & D. A. Whetten, *Organizational Effectiveness*.

Examination Arrangements: The course will be examined through continuous assessment which may take the form of a project/essay of not more than 7,500 words.

Id4251

Business Economics

Teachers Responsible: Dr. Ray Richardson, Room H711 and Dr. Mari Sako, Room H715

Course Intended for students taking the Diploma in Business Studies.

Core Syllabus: This course seeks to provide an introduction to how economics affects and can be applied to business enterprises.

Course Content: The objectives of firms. Consumer demand; basic analysis and applications, including forecasting. Costs and production decisions, including investment appraisal and decision making under risk and uncertainty. Pricing practices and marketing. Market structures and business policy. Macro economic developments.

Pre-Requisites: None.

Teaching Arrangements: There will be 25 one hour lectures (Id181), 10 one hour lectures (Id109) and 25 one hour accompanying classes (Id181a).

Reading List: A detailed reading list will be provided at the first lecture.

The recommended text is D. Salvatore, *Managerial Economics*, McGraw-Hill, 1993.

Examination Arrangements: Students are required to write two essays during the year and to take a two hour unseen examination the Summer Term.

Diploma in World Politics

IR105 Foreign Policies of the Powers

IR107 Decisions in Foreign Policy

IR118 New States in World Politics

IR123 The External Relations of the European Community

IR135 The International Legal Order

IR139 Disarmament and Arms Limitation

IR140 International Verification

IR142 Current Issues in International Relations

These courses are not for examination, but are offered to interested postgraduates as well as undergraduates. Details are to be found with the Master's degree Course Guides (see page 734).

IR3781

Foreign Policy Analysis II

Teacher Responsible: Professor C. Hill, Room A232

Course Intended Primarily for Diploma in World Politics.

Core Syllabus: The aim of the course is to analyse the perspectives and means of conduct of the main actors in the international system, towards each other.

Course Content: An investigation of the behaviour of the individual actors of international relations, focusing mainly, but not entirely, on states; the various influences on decision-making in foreign policy, external and internal; the importance of bureaucracy, of domestic political systems, of economic development and of groups affected by foreign policy; the problems arising out of the formulation of goals and the choice of policy instruments; psychological elements in policy-making; transnational relations.

Pre-Requisites: Diploma students do not need any special advance knowledge to choose this as an optional course.

Teaching Arrangements: All students are advised to attend lecture series IR106 **Foreign Policy Analysis** and IR107 **Decisions in Foreign Policy** which are given by Professor Hill and Dr. Coker consecutively during Michaelmas and Lent Terms as well as as many IR105 **The Foreign Policies of the Powers** (various lecturers) as possible. Other relevant lectures will be announced from time to time. Separate classes (IR106a) will be arranged with the participation of other members of the department. Three general revision classes are held at the beginning of the Summer Term.

Written Work: Students are expected to write at least three essays directly on questions arising out of the course. In order to relieve the pressure on books at any one time, they should choose their questions from one of the past examination papers provided. The three deadlines indicated, however, should be strictly kept to. Students should hand in their essays to their class teacher on the date. They will be returned and commented on individually except where some general comment will also be provided.

Reading List: No single book is exactly coterminous with the syllabus. Students should try to buy (all are paperbacks): Roy Macridis (Ed.), *Foreign Policy in World Politics*, Prentice Hall, (8th edn.) 1991; Philip Reynolds, *An Introduction to International Relations*, (2nd edn.), Longmans, 1980; Lloyd Jensen, *Explaining Foreign Policy*, Prentice Hall, 1982;

Michael Clarke and Brian White (Eds.), *Understanding Foreign Policy*, Edward Elgar, 1989.

Also highly recommended are Stephen Ambrose, *Rise to Globalism*, Penguin (4th edn.), 1985; Robin Edmonds, *Soviet Foreign Policy: The Brezhnev Years*, OUP, 1983; Kal Holsti, *International Politics: A Framework for Analysis*, Prentice Hall (4th edn.), 1983; Michael Smith, Steve Smith & Brian White (Eds.), *British Foreign Policy*, Unwin Hyman, 1987; James Rosenau, *The Scientific Study of Foreign Policy* (2nd edn.) Frances Pinter, 1980.

Examination Arrangements: A separate three-hour examination will be set in the Summer Term. It will be divided into equal halves: Section A (comparative and theoretical questions) and Section B (questions on the foreign policies of the UK, USA and USSR). One question must be answered from each section. All students have to answer three questions in all. Copies of previous years' papers, together with lecture and class topics, deadlines, and further references, are provided in a separate handout.

IR3782

Strategic Aspects of International Relations II

Teacher Responsible: Dr. C. Coker, Room A119

Course Intended Primarily for Diploma in World Politics.

Core Syllabus: The place of war in international relations, and the social, political, and economic consequences of the use of force. The greater part of the course is concerned with force in international relations since 1945.

Course Content: The employment of force for political ends. The contribution of Clausewitz, and criticisms of his work. Differences in the role of force in nineteenth and twentieth century patterns of international order. The impact of science and technology, and of social forces such as nationalism and imperialism, upon war. Force in international relations since 1945. The origins and development of superpower conflict. The impact weapons on international relations, and on thought about war and peace. Doctrines of the superpowers and their allies. Ideas of deterrence, limited war, arms control, and alliance management. Ethical problems of nuclear strategy. Revolutionary-guerrilla warfare. The proliferation of armaments. The diffusion of military power. Implications for international security of the present pattern of order in East-West, North-South, and regional relationships.

Pre-Requisites: A working knowledge of international history since 1815 and of traditional theories of international politics is desirable.

Teaching Arrangements: The lecture course (IR138) (15 Michaelmas and Lent Terms) is followed by classes (17 Lent and Summer Terms). The majority of class topics will be on strategic aspects of post-war international relations and the examination paper will reflect this. The International Institute for Strategic Studies (IISS) and the Royal United Services Institute for Defence Studies (RUSIDS) are both nearby and students in Strategic Studies may be eligible for student membership, which gives access

to certain meetings and to excellent specialised libraries.

Written Work: By arrangement with seminar teachers.

Reading List: The following short list comprises some of the most important and some of the best currently available books.

R. Aron, *Peace and War*; G. Best, *War and Society in Revolutionary Europe*; B. Brodie, *Strategy in the Missile Age*; H. Bull, *The Control of the Arms Race*; C. M. Clausewitz, *On War* (Ed. by M. Howard & P. Paret); J. L. Gaddis, *Strategies of Containment*; M. E. Howard, *War and the Liberal Conscience*; F. M. Osanka, *Modern Guerrilla Warfare*.

Examination Arrangements: There is a three-hour formal examination held in the Summer Term. Three questions must be answered from twelve or more. Examples of recent past examination papers will be appended to the reading list.

IR3783

International Institutions II

Teachers Responsible: Mr. N. Sims, Room A231 and Dr. P. Taylor, Room A137

Course Intended for Diploma in World Politics.

Core Syllabus: Elements of international organisation: its theory and practice studied through the experience of selected international institutions.

Course Content: Major theoretical and empirical aspects of the work of international institutions and the role of international organisation. Integration and interdependence; regimes; the impact of international organisation on the practice of diplomacy between states, the maintenance of international peace and security, the management of international economic relations, and the promotion of standards for states and individuals. The development of procedures within international institutions, such as the methods of work of international secretariats and intergovernmental assemblies and councils.

The course is mainly concerned with international organisation at the global level, but some attention will also be paid to regional and trans-regional arrangements. (Note: **European Institutions** are studied as a separate course, IR3771.)

Pre-Requisites: None.

Teaching Arrangements: Lecture series (IR108). Classes (IR108a). There will be 20 lectures, throughout the Michaelmas and Lent Terms, and 17 one-and-a-half hour classes, starting in week 6 of the Michaelmas Term and continuing into the Summer Term.

Reading List: David Armstrong, *The Rise of the International Organisation: A Short History*, Macmillan, 1982; A. LeRoy Bennett, *International Organizations: Principles and Issues* (5th edn.), Prentice-Hall, 1992; Gro Harlem Brundtland et al., (The Brundtland Report), *Our Common Future: Report of the World Commission on Environment and Development*, Oxford University Press, 1987; Harold K. Jacobson, *Networks of Interdependence: International Organizations and the Global Political System* (2nd edn.), Knopf, 1984; Adam Roberts & Benedict Kingsbury (Eds.), *United Nations, Divided World: The UN's Roles in International Relations*,

Clarendon Press, Oxford, 1988; Paul Taylor & A. J. R. Groom (Eds.), *International Institutions at Work*, Pinter, 1988; Paul Taylor, *International Organization in the Modern World*, Pinter, 1993; Sir Brian Urquhart, *A Life in Peace and War*, Weidenfeld & Nicolson, 1987; Douglas Williams, *The Specialized Agencies and the United Nations: The System in Crisis*, Hurst, 1987.

Examination Arrangements: There will be a three-hour written examination in the Summer Term.

IR3784

The Politics of International Economic Relations II

Teachers Responsible: Dr. S. Economides, Room A41 and Mr. P. Wilson, Room A129

Course Intended Primarily for Diploma in World Politics.

Course Content: (i) The economic factor in foreign policy; the economic ambitions of states; economic constraints; economic resources for foreign policy; economic instruments. (ii) The development of thought about the relationship between international politics and international economics: mercantilism; laissez-faire; Marxism. (iii) The evolution of the Bretton Woods institutions and ideas about international commercial and monetary management. The challenge from the Third World.

Teaching Arrangements and Written Work: (Lectures IR137 and Classes IR137a). Students deliver class papers and write essays for the class teachers on topics notified at the beginning of the Session.

Reading List: The basic books are: W. Barber, *A History of Economic Thought*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; R. Gilpin, *The Political Economy of International Relations*; R. L. Heilbroner, *The Worldly Philosophers*; J. Spero, *The Politics of International Economic Relations*; S. Strange, *States and Markets*.

A detailed reading list is distributed at the beginning of the session.

Examination Arrangements: Summer Term, formal, three hours, three questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR4700

World Politics (Seminar)

Teachers Responsible: Mr. M. Banks, Room A118 and Mr. G. Stern, Room A134

Course Intended Primarily for Diploma in World Politics.

Core Syllabus: The aim of the course is to give students a broad understanding of issues and theories in world politics.

Course Content:

(1) The nature of world politics. Theories of international relations. Elements of the world system. The main actors in world politics. The ends and the means of foreign policy as conducted by states in international relations; intervention, alliances, economic

integration and interdependence, neutrality, isolation and non-alignment.

(2) War and the search for peace; the nature of conflicts in the international system; local wars and proxy wars; peace and conflict resolution; disarmament and arms control.

(3) Poverty and the search of wealth and justice: rich nations and poor nations, and financing of world development; industry and commodity trade; energy, technology and resources. Some major global issues - population, pollution, conservation, nuclear catastrophe.

Pre-Requisites: Students admitted to the Diploma in World Politics are expected to have a Second Class degree not necessarily in International Relations, from a reputable university, or equivalent professional qualifications or experience. Though no previous knowledge of world politics is required a general interest in current affairs is expected.

Teaching Arrangements: Three lecture courses on International Politics are available, and students with little or no background in international relations studies are recommended to attend at least one of them. Mr. Stern gives a 20 lecture series for first year students on Structure of International Society (IR101), Professor Halliday and Mr. Hoffman give a 20 lecture series for B.Sc. students on **International Political Theory** (IR102) and Mr. Windsor a 10 lecture series for M.Sc. students on **International Politics** (IR151). Those interested in more advanced discussion of International Relations theory should attend Mr. Banks' **Concepts and Methods of International Relations** lectures (IR104). The main teaching for the **World Politics** course will be done in small seminar groups, taken by two or three responsible teachers beginning in the Michaelmas Term and continuing throughout the Session.

Reading List: K. Holsti, *International Politics*, M. Light & A. J. R. Groom, *International Relations: A Handbook of Current Theory*; P. Calvocoressi, *World Politics Since 1945*; H. Bull, *The Anarchical Society*; R. Little & M. Smith (Eds.), *Perspectives on World Politics*; J. Spero, *Politics of International Economic Relations*; G. Stern, *Leaders and Leadership*. A detailed course outline will be provided.

Examination Arrangements: Students are required to write four essays during the session. Marks for these will account for 20% of the final result. The remainder will be for a three-hour examination in the Summer Term based on the full syllabus for the **World Politics** course. Students will be asked to answer three out of twelve questions.

Diploma in Statistics

Pn8190

Statistical Demography

(Not available 1993-94)

Teacher Responsible: Mr. M. Murphy, Room A339

Course Intended Primarily for Diploma in Statistics. The course requires no formal prior demographic training but it does assume a reasonable degree of mathematical competence covering matrix algebra (including eigenvalue theory) and calculus.

(It should also be noted that a degree of literacy is also useful.) The course is likely to be of particular interest to students who wish to adopt an analytical approach to demography, including those with main interests in actuarial science or medical statistics.

Course Content: Simple models of population growth, exponential, logistic etc. Analysis of mortality using life tables: model life tables, continuous and multiple decrement forms; statistical properties of life table estimators; proportional hazards life tables. Stable and stationary populations and their use for estimation of demographic parameters in less developed countries. Continuous (Lotka) formulation of population dynamics equation; why a population converges to a stable form (strong and weak ergodicity); solutions of renewal equation; discrete (Leslie) formulation of population dynamics and its use in making population projections. Prospects of change in fertility and mortality in developed countries and their implication for population growth. Parity progression ratios. Mathematical models for fertility and mortality schedules. Quantitative models of nuptiality. Models of reproductivity and measurement of fecundability. Analytic and simulation approaches to reproductivity and household structure. Sources of demographic data.

Teaching Arrangements:

Lectures: Pn107, **Mathematical and Statistical Demography**, 24 Sessional.

Classes: Pn107a, 24 Sessional.

Mr. M. Murphy (A339) will take all lectures and classes for this course.

Written Work: Written work consists of weekly set exercises associated with the lectures. These are mainly of a mathematical nature.

Reading List: The first two volumes given here cover a substantial part of the course.

N. Keyfitz, *Introduction to the Mathematics of Population*, Addison Wesley (1977 revised edn.); J. H. Pollard, *Models for Human Populations*, Cambridge (1973); R. C. Elandt-Johnson & N. L. Johnson, *Survival Models and Data Analysis*, J. Wiley (1980).

Examination Arrangements: Examination is by a single three-hour examination in the Summer Term in which candidates answer four questions.

ST8258

Statistical Techniques

Teacher Responsible: Dr. M. Knott, Room S216

Course Intended Primarily for M.Sc. (Sociology and Statistics) and Diploma in Statistics.

Course Content: This course is substantially the same as for SM7230 (**Statistical Techniques for Management Sciences**), except that a higher standard will be expected for the course-work and project.

IS8301

Computer Project

Teacher Responsible: To be arranged

Course Intended Primarily for Diploma in

Management Sciences and Diploma in the Management of Information Systems.

Core Syllabus: This paper is designed to consolidate the computing theory which students have learned, by their pursuing a practical project.

Course Content: Students will identify an area of an application of information technology and write a report on it. The project may be a practical one, involving designing and implementing programs, or may be of a more theoretical nature.

Pre-Requisites: Diploma students must take the course concurrently with either **Introduction to Information Technology** or **Information Systems Development**.

Teaching Arrangements: (SM321) There is a single course of 15 two-hour seminars in the Michaelmas and Lent Terms. All students must keep in touch with the teacher responsible for the course who must approve all projects. Students will make use of the general support offered by the School to computer users. This includes the program advisory services, and the various courses and lectures offered in the University.

Reading List: Appropriate reading depends on the projects tackled. The reading shown here should be of general use in most projects.

C. Edwards, *Developing Microcomputer Based Business Systems*, Prentice Hall, 1982; T. De Marco, *Structured Analysis and Systems Specification*, Prentice Hall, 1979; D. Van Tassel, *Program Style, Design Efficiency, Debugging and Testing*, Prentice-Hall, 1978; B. W. Kernighan & P. J. Plaugher, *Software Tools*, Addison Wesley, 1976; B. W. Kernighan & P. J. Plaugher, *The Elements of Programming Style*, McGraw-Hill, 1974; P. Freeman & A. Wasserman, *Tutorial: Software Design Techniques*, 3rd edn., IEEE, 1980. See examples and papers by Jackson, Stay and Stevens.

Examination Arrangements: This course is assessed on the programs and report produced. Students may start work on their projects at any time. The final report *must* be handed in by the end of the first week of the Summer Term. More information is available for the teacher responsible.

The Master's Degrees - M.Sc., LL.M., M.A.

The University of London Master's degrees are intended for award for satisfactory completion (including formal written examinations) after a course of study beyond first-degree level of at least one year full-time (or the equivalent in part-time study). In addition to written papers, students are required in some subjects to submit essays or reports on practical work written during the course of study.

The Course of Study

The course of study for a full-time student will extend over not less than *one* academic or *one* calendar year, according to subject; but students whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to extend the course over *two* years and to pass a qualifying examination not less than one year before entering for the degree examination. If they fail to pass this qualifying examination they will not be allowed to re-enter for it without the permission of the School. No candidate will be admitted to the School to follow the course of study for a taught Master's degree except at the beginning of the session, i.e. in October.

A student who has been admitted to the School as a part-time student will be required to extend the course over at least *two* academic or *two* calendar years and no more than four academic or four calendar years depending on the specific programme regulations set out in the following pages.

Details of the various courses offered at the School for the University of London's Master's degrees are contained in the following pages.

A student registered for a taught Master's degree may, with the permission and recommendation of the supervisor, apply to proceed to a research degree instead. On registering for the research degree the Master's degree registration will lapse. Only in exceptional circumstances may any period of time spent on the Master's degree count towards the prescribed period of registration for the research degree.

A candidate who fails in the examination will not normally be re-admitted to the School but, under University regulations, may re-enter for the examination once more without being registered at the School.

Examination Arrangements

Entry for Examination

Students will be given full instructions on examination entry at the time of registration.

Entry forms for *re-entry* to examinations will not be issued to candidates no longer registered at the School unless they ask for them at the appropriate time (mid-December for June examinations, February for September examinations). Candidates are bound by the Regulations in force at the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations. As indicated below, results are published for the examination as a whole (or, where course regulations allow it to be taken in separate parts, for each such part of the examination); consequently, re-entry must be for all components of the failed examination (except that, at the discretion of the examiners, special arrangements may apply if one of those components is an essay/dissertation/report).

Deferment of Examination

The University of London regulations for the Master's degree state that "the candidate shall enter the examination in accordance with the provisions of the individual course regulations. Deferment of any part of the examination, including submission of the essay/dissertation, may be granted for reasons judged adequate in a particular case at the discretion of the School at which the candidate was, or is, registered. Subject to exemption being granted candidates will be informed of the marks they obtained in those elements in which they have been examined".

Any student who thinks he or she has good cause to defer any part of the Master's or LL.M. examination should first discuss his or her case with the supervisor who should then put the case for deferment to the Chairman of the Graduate School Committee *no later* than mid-January. The Chairman and Dean of the Graduate School will consider and decide on all requests for deferment, reporting their decisions to the next meeting of the Graduate School Committee. The student and the student's supervisor will be informed, in writing, of the decision.

Withdrawal from Examinations

Students who have entered for an examination and who wish to withdraw should inform the Graduate Office as soon as possible, and should ask for advice on their position if they should wish at some later date to re-enter for the examination. Generally speaking, students should notify the university of withdrawal from an examination *at least a week before* it begins, if that entry is not to be counted for the purposes of calculating liability for fees on re-entry and the number of occasions on which the student may re-enter. University Regulations also require students to have satisfied the examiners within two years of completion of the course, if they are to be awarded the degree; however, this period may be extended at the School's discretion.

Illness at the Examination

Candidates who are prevented owing to illness or other cause judged sufficient by the Academic Council of the University (such as death of a near relative) from completing at the normal time the examination for which they have entered may

- (a) enter the examination on the next occasion when the examination is held, or at the discretion of the examiners
- (b) be set a special examination in those elements of the examination missed as soon as possible after that date and be permitted to submit any work prescribed (e.g. report) at a date to be specified by the University.

Applications on behalf of such candidates must be made by the School, be accompanied by a medical certificate and must reach the Academic Registrar at the University within seven days from the last day of the examination. Such applicants should, therefore, contact the Graduate Office *immediately* if they are prevented from sitting any examination paper(s).

Notification of Results

Master's degrees examiners are required to submit their marked papers to the University within two months of the last date for submission of the project or long essay element of the examination (or last written paper if there is no essay or project element).

After the examiners have reached a decision, every candidate will be notified by the Academic Registrar of the University of the result of the examination.

The result of the examination is given for the examination as a whole. A mark of Distinction may be awarded to candidates showing exceptional merit in the examination.

A Diploma under the Seal of the University shall be subsequently delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of a degree to a candidate owing fees to the School.

Regulations and Course Guides for Master's Degrees

The regulations and Course Guides for Master's degrees are listed by department in the following sections. Each departmental section contains

- (a) the regulations for Master's degrees taught in the department
- (b) a list of lecture and seminar courses offered by the department, cross-referenced to
- (c) Course Guides, setting out details of teaching, reading lists, and other essential information about teaching and examinations for each examinable course.

Master's degree students should first read the Regulations for their particular degree; these govern the choice of examination subjects. They should then refer to the Course Guides, which in turn refer to the lecture and seminar series published in the *Sessional Timetable* (published separately). Only those subjects or combinations of subjects explicitly permitted by the regulations for each Degree or Diploma may be offered for examination. Where special permission is required for a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study, and the Graduate School Office must be informed if permission is given. If notification is not received in the first few weeks of the Michaelmas Term, permission may be refused.

Master's students should note that some programmes of study are examined on a semester basis with examinations in January and some at the end of the academic year with examinations in June (or August in the case of the LL.M.). Your choice of options may mean that you have examinations in January as well as June/August. Full details are given in the regulations for each Master's programme.

Introductory courses of general interest are described before the departmental sections.

The lecture and seminar lists and the Course Guides are in numeric sequence. Both sequences have a common departmental prefix (e.g. Ac of Accounting; Ec for Economics), but after the prefix, the number series differ.

The list of lectures and seminars in each department (which uses a *three*-digit number series) also appears in the *Sessional Timetable*, which is published in August, and sets out the times, places and beginning dates of the lectures and seminars in the coming session. Against each lecture/seminar is indicated the number of meetings and the term(s) in which they take place (M=Michaelmas, L=Lent, S=Summer).

Course Guides mostly relate to examinable courses identified in the regulations for degrees and/or diplomas, and they set out all the information required to help students prepare for the examination: the Core Syllabus, which defines the broad parameters and objectives of each course, the Course Content, which gives details of the teaching to be given in the current session within the boundaries of the Core Syllabus, the preliminary reading list, the relevant lectures, seminars and classes (as listed both here and in the *Sessional Timetable*) and the details of the examination arrangements and methods of assessment. These Course Guides have a *four*-digit number which is also used to identify the related examination, and is the number used in the degree regulations.

Course Guides with a three-digit number relate to a specific lecture or seminar in the lecture and seminar list. They contain the syllabuses and reading lists of courses which are not set out in the Course Guide for any single examination. They are typically courses of interest to broad groups of students. Students should carefully consider these courses and attend any which they feel will give them valuable background, even if they do not focus on elements of the syllabus for a specific examination.

To help students identify the courses and teachers dealing with particular subjects, there are subject and teacher indexes to Course Guides, at the back of the *Calendar*.

Regular students (see definition in the section "Admission of Students") are at liberty to attend any course of lectures except those where a limitation is indicated by an asterisk either in the Course Guide or in the lecture and seminar list.

The School reserves the right at all times to withdraw or alter particular courses and syllabuses.

Department

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INTRODUCTORY COURSES

This section is in two parts. The first part lists lectures and seminars. The list provides a cross reference to the Course Guide(s) in which the Course Content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
GC551	Study Skills in the Social Sciences Professor P. Dunleavy	4/M	GC551
GC552	Revising for Exams Professor P. Dunleavy	3/L	GC552

GC551

Study Skills in the Social Sciences

Teacher Responsible: Professor P. Dunleavy, Room K300 for LSE Study Counselling Centre.

Course Recommended for all new B.Sc. (Econ.) students, plus any students on M.Sc. or Diploma courses who are new to the UK's educational system.

Teaching Arrangements: Four sessions Michaelmas Term, starting week 3.

Course Content: The course provides an introduction to study skills useful for social science students at first degree level and above. It aims to get those attending to review their own study patterns in the light of a menu of possible improvements. The course is taught in a lecture/workshop setting and advice notes are distributed at each session. Topics covered:

- Introduction: Getting Better at Reading
- Taking Better Notes
- Analysing Concepts and Brainstorming
- Writing Better Essays

Reading List: P. J. Dunleavy, *Studying for a Degree in the Humanities and Social Sciences*; D. Rowntree, *Learn how to Study* (1988 edition only).

GC552

Revising for Exams

Teacher Responsible: Professor P. Dunleavy, Room K300 for LSE Study Counselling Centre.

Course Recommended for any students taking exams.

Teaching Arrangements: Three sessions Lent Term, weeks 8, 9 and 10.

Course Content: This course provides suggestions and advice on:

- Getting Started on Revision
- Active Revision: Doing Revision Answers
- Taking Exams

Advice notes are distributed at each session, which take the form of a lecture/workshop.

Reading List: P. J. Dunleavy, *Studying for a Degree in the Humanities and Social Sciences*.

Department of Accounting and Finance**M.Sc. Accounting and Finance****Duration of Course of Studies**

Full-time: One academic year (or one calendar year if an option examined in September is chosen).

Part-time: At least two academic years (or two calendar years if an option examined in September is chosen).

Examination

Students will be examined on four courses or three courses and an essay or report as listed below.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	(a) Corporate Finance and Asset Markets	Ac2010
	or (b) Topics in the Theory of Finance (by special permission only)	Ac2040
2.	(a) Corporate Financial Reporting	Ac2020
	or (b) Management Accounting	Ac2030
3 & 4.	Two of the following selected with the approval of the candidate's teachers:	
	(a) Topics in the Theory of Finance (if not already selected under 1 above)	Ac2040
	(b) Empirical Topics in Finance	Ac2041
	(c) International Accounting and Finance	Ac2050
	(d) History of Accounting	Ac2051
	(e) Securities and Investment Analysis	Ac2052
	(f) Public Finance	Ec2435
	(g) Economics of Industry	Ec2436
	(h) Capital Markets (by special permission only)	Ec2437
	(i) Organisational Theory and Behaviour	Id4203
	(j) Systems Analysis and Design and Aspects of Informations Systems	IS8307 IS8308
	(k) Operational Research Techniques and Applications	OR8342
	(l) Advanced Mathematical Programming	OR8351
	(m) A paper from another course for the M.Sc. in the Faculty of Economics	
	(n) An essay or report of not more than 10,000 words	
	(o) The paper not selected under 2 above	

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of the examination on two courses, taken after completion of those courses. The second part will consist of the examination on the remaining course(s) and, where appropriate the essay or report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June (except that a paper taken under 4(m) above will be examined at the time that course is examined).
Essay/report	1 June

M.Sc. International Accounting and Finance**Duration of Course of Study**

Full-time: One academic year (or one calendar year if an option examined in September is chosen).

Part-time: At least two academic years (or two calendar years if an option examined in September is chosen).

Examination

Students will be examined on four courses or three courses and an essay or report as listed below.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	International Accounting and Finance	Ac2050
2.	(a) Corporate Finance and Asset Markets	Ac2010
	or (b) Topics in the Theory of Finance (by special permission only)	Ac2040
3.	(a) Corporate Financial Reporting	Ac2020
	or (b) Management Accounting	Ac2030
4.	One of the following selected with the approval of the candidate's teachers:	
	(a) Topics in the Theory of Finance (if not selected under 2 above)	
	(b) The paper not selected under 3 (above)	
	(c) Empirical Topics in Finance	Ac2041
	(d) A relevant paper from another course for the M.Sc. in the Faculty of Economics	
	(e) An essay or report of not more than 10,000 words	

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of the papers for two courses, taken after completion of those courses. The second part will consist of the remaining paper(s) and the essay or report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written Papers	June (except that a paper taken under 4(c) above will be examined at the time that the course is examined).
Essay/Report	1 June

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
Ac155	Corporate Finance and Asset Markets Dr. J. L. G. Board, Dr I. Tonks	40/ML	Ac2010
Ac156	Corporate Financial Reporting Professor M. Bromwich, Dr. M. K. Power and Mr. C. J. Napier	23/ML	Ac2020
Ac157	Management Accounting Professor M. Bromwich, Professor A. G. Hopwood and Dr. P. B. Miller	23/ML	Ac2030
Ac158	Seminar on Current Developments in Accounting Research Dr. M. Power and others	30/MLS	
Ac159	Securities and Investment Analysis Dr. G. Connor and others	20/ML	Ac2052
Ac160	Seminar in Accounting Research Methods Dr. P. B. Miller	30/MLS	
Ac161	International Accounting and Finance Professor A. G. Hopwood, Dr. P. Walton and Dr. E. Bertero	20/ML	Ac2050
Ac162	Issues in Accounting and Finance Mr. J. Dent, Dr M. Gietzmann and Professor M. Bromwich	20/ML	Ac162
Ac163	Topics in the Theory of Finance Professor D. C. Webb and Dr. M. Ncube	20/ML	Ac2040
Ac164	History of Accounting Mr. C. J. Napier and Mr. C. W. Noke	22/MLS	Ac2051
Ac165	Empirical Topics in Finance Dr. I. Tonks and Dr. G. Connor	25/MLS	Ac2041
Ac170	Financial Reporting and Management Dr. P. Walton, Mr. J. Dent and others	22/MLS	Ac2150; SM8344
Ac171	Financial Reporting for Operational Research Dr. P. Walton	10/ML	Ac2152

Course Guides

Ac162

Issues in Accounting and Finance

Teachers Responsible: Mr. J. Dent, Room E307, Dr. M. Gietzmann, Room A309 and Professor M. Bromwich, Room A382.

Course Intended Primarily for M.Sc. in Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: The principal aim of this course is to examine selected contemporary issues in economics and management research relevant to the study of finance, accounting and control. The actual composition of the course will vary from year to year. Currently, it comprises three parts:

- (i) quantitative methods in accounting and finance research,
- (ii) the economics of information and agency relationships, and
- (iii) strategy, organization and control.

Course Content:

(i) Quantitative methods:

Quantitative methods in accounting and finance; applications of differential calculus, stochastic processes and statistical techniques.

(ii) The economics of information and agency relationships:

The information perspective on accounting and finance, public information, differential information, information and markets, relationship with finance; selected aspects of agency models, including information and communication in agencies.

(iii) Strategy, organization and control:

Historical antecedents and the emergence of strategic discourse; contemporary strategy analysis - economic, organizational and political perspectives; strategy as a positional construct; resource-based and competence perspectives; strategy formation as a longitudinal process; global strategies and multi-national corporations.

Pre-Requisites: None

Teaching Arrangements: 20 meetings (Ac162) of two hours Sessional.

Reading List: Detailed reading lists will be given out at the start of each part of the course. Illustrative references include: M. Bromwich, *Financial Information and Capital Markets* (Pitman, 1992); W. H. Beaver, *Financial Reporting: An Accounting Revolution* (2nd edn., Prentice Hall, 1989); R. Grant, *Contemporary Strategy Analysis* (Blackwell, 1991); M. E. Porter, *Competitive Advantage* (Free Press, 1985); J. W. Fredrickson (Ed.), *Perspectives on Strategic Management* (Harper Business, 1990); C. A. Bartlett & S. Ghoshal, *Managing Across Borders: The Transnational Solution* (Harvard, 1989).

Examination Arrangements: No examination.

Ac2010

Corporate Finance and Asset Markets

Teachers Responsible: Dr. J. L. G. Board, Room E309 and Dr. I. Tonks, Room A308

Course Intended Primarily for M.Sc. in

Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: This course aims to provide a grounding in the investment and financing aspects of corporate finance theory. More advanced presentations of some of the topics covered are available in **Topics in the Theory of Finance and Empirical Topics in Finance**.

Course Content: Topics covered include:

capital budgeting techniques; the effects of tax and inflation on investment appraisal; the use of portfolio theory and the capital asset pricing model in capital budgeting; the role of efficient markets in project appraisal; arbitrage and asset pricing; options.

The financing decisions of the corporate finance manager which are covered include:

financial markets and methods of issue; corporate debt and dividend policy; the choice of debt and equity securities; the impact of tax and inflation on financing instruments; mergers; and pensions.

Pre-Requisites: M.Sc. students in the Department of Accounting and Finance have been judged to have the necessary background, subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course if they can demonstrate substantial knowledge of finance acquired at undergraduate or equivalent level.

Written Work: At least two pieces of work per term will be assessed.

Teaching Arrangements: The course will consist of 42 hours of lectures in the Michaelmas and Lent terms plus 15 classes in which case studies and journal articles will be discussed. Students will be expected to make presentations at these classes.

Reading List: Students are advised to purchase the following book: Copeland & Weston, *Financial Theory and Corporate Policy* (Addison Wesley, 1979). Full details of reading will be specified in the Course Programme and Reading List which will be distributed at the first lecture.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term.

Ac2020

Corporate Financial Reporting

Teacher Responsible: Professor M. Bromwich, Room A382

Course Intended Primarily for M.Sc. in Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: The aim of the course is to introduce students to the principal theoretical approaches currently applied in the study of corporate financial reporting, providing a set of frameworks within which students can analyse problems of financial accounting.

Course Content: The course will outline the current approach to financial reporting by companies to investors and other groups in countries such as the UK and the USA, with particular consideration being given to the nature of conventional (historical cost) accounting and to prevailing regulatory structures applying to financial reporting. Emphasis is placed on the range of theories that have been developed

rather than on the technicalities of preparing financial statements to analyse corporate financial reporting. The present position will be analysed from three principal perspectives:

Information Economics: Financial accounting as an information system. The role of financial accounting in economic decision models. Concepts of economic wealth and income and their significance as models for accounting. The supply and the demand for accounting information in a market setting. Problems of uncertainty and market failure. The need for and limitations of regulation.

Deductive Theories: Attempts to improve financial reporting by deriving accounting theories based on principles. Conceptual frameworks for accounting. Alternative accounting conventions (current purchasing power, current cost, comprehensive and fully stabilised systems). Testing of accounting numbers through capital market-based empirical research.

Social Theories: The study of financial accounting as a social and behavioral phenomenon. Positive accounting theory. Critiques of economic-based explanations of financial accounting choices. Theories of corporate accountability. Corporate social and environmental reporting.

Pre-Requisites: Anyone admitted to the M.Sc. programmes in Accounting and Finance has been judged to have the necessary background, subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course by **Professor Bromwich** if they have a substantial knowledge of financial accounting acquired at undergraduate or equivalent level.

Teaching Arrangements:

Ac156: 23 lectures of two hours each, Sessional. Given by **Professor Bromwich, Mr. Napier and Dr. Power**.

Ac156(a): 20 classes.

Written Work: The lecturers will set essays or case studies for class discussion each week. Many of these will involve reading key papers and other writings in the financial accounting literature. At least four pieces of work, based on these assignments, will be collected for assessment.

Reading List: Detailed reading lists will be handed out at the start of the course, and will be largely based on papers in academic journals. Relevant books covering specific parts of the course are:

W. H. Beaver, *Financial Reporting: An Accounting Revolution* (2nd edn., Prentice-Hall, 1989); M. Bromwich, *Financial Reporting, Information and Capital Markets* (Pitman, 1992); G. Whittington, *Inflation Accounting: An Introduction to the Debate* (Cambridge University Press, 1983); R. L. Watts & J. L. Zimmerman, *Positive Accounting Theory* (Prentice-Hall, 1986).

Ac2030

Management Accounting

Teachers Responsible: Professor A. G. Hopwood, Room A384, Professor M. Bromwich, Room A382 and Dr. P. B. Miller, Room E311

Course Intended Primarily for M.Sc. in Accounting and Finance and M.Sc. in International

Accounting and Finance.

Core Syllabus: The course aims to provide an advanced overview of current research and practice in the area of management accounting. Particular emphasis is given to the organisational, economic and social analysis of management accounting.

Course Content:

Organisational Perspective:

The historical development of management accounting. The roles of management accounting in organisational control and decision making. The relationship between organisational design and management accounting systems. Management accounting in functional, decentralised and matrix organizations. Current issues in costing and budgeting. The politics of the budgetary and planning processes. Contingency theories of management accounting. Management accounting and organisational problems. Organisational aspects of investment decision making. Management accounting and its cultural context. The impact of social change on economic calculation in organisations. Current developments in management accounting research. Challenges to management accounting and suggested solutions: strategic management accounting; activity costing.

Economic Perspective:

The new theory of management accounting based on natural monopoly and sustainable prices. The economics of organisations. The value of information to the firm and to organisational members. An introduction to the viability of organisational strategies. The role of maximising concepts and the limits to the economic viability approach to organisations. The theory of agency and its role in risk sharing and inducing goal congruence and the importance of reward functions.

Performance measurement concentrating on divisional performance. ROI versus residual income. Reconciliation with economist's decision models. *Ex ante* and *ex post* budgeting - budgets for planning and control - the goal congruence aspects of control measures. Current developments in research.

Social Perspective:

Management accounting and the governance of advanced manufacturing systems. "Institutional theory" and "Discourse" approaches to management accounting. From Contingency Theory to the Roles of Management Accounting. Management accounting and the 'politics of the product'. The 'quality' of investment decisions.

Pre-Requisites: Anyone admitted to the M.Sc. programmes in Accounting and Finance, and International Accounting and Finance has been judged to have the necessary background. Other students may be admitted by **Professor Bromwich** if they have sufficient background knowledge acquired at the undergraduate or equivalent level.

Teaching Arrangements: 23 meetings (Ac157) of three hours sessional. A series of classes is also arranged in the Michaelmas and Lent Terms.

Written Work: A variety of types of assignments will be given for class discussion including exercises and case studies. Two pieces of written work, or equivalent, per term will be assessed, but the grades will not count towards the overall course assessment.

Reading List: R. S. Kaplan & A. A. Aktinson, *Advanced Management Accounting* (2nd edition, Prentice-Hall, 1992) or R. Cooper and R. S. Kaplan,

The Design of Cost Management Systems (Prentice-Hall, 1991); D. Ashton, T. Hopper & R. W. Scapens (Eds.), *Issues in Management Accounting* (Prentice-Hall, 1991); M. Bromwich & A. G. Hopwood (Eds.), *Research and Current Issues in Management Accounting* (Pitman, 1986); J. Galbraith, *Designing Complex Organizations* (Addison-Wesley, 1973); J. Hess, *The Economics of Organization* (North Holland, 1983); J. Horovitz, *Top Management Control in Europe* (Macmillan, 1980); N. Macintosh, *The Social Software of Accounting and Information Systems* (Wiley, 1985); J. Marshak & R. Radner, *Economic Theory of Teams* (Yale University Press, 1972); R. W. Scapens, *Management Accounting, A Review of Recent Developments* (Macmillan, 1985).

Examination Arrangements: The entire course assessment will be based on one three hour formal examination paper in June. Students will be informed about the number of questions on the paper and the number required to be answered.

Ac2040

Topics in the Theory of Finance

Teachers Responsible: Professor D. C. Webb, Room E308 and Dr. M. Ncube, Room A367

Course Intended Primarily for: M.Sc. in Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: Topics in the Theory of Finance provides a thorough grounding in recent developments in modern financial thinking.

Course Content: The main subjects of the course will be the theories of arbitrage and equilibrium asset pricing. In both cases particular emphasis is placed on pricing within a multiperiod framework. A special feature of the course is its coverage of the modern theory of contingent claims valuation and its application to the pricing of options and corporate liabilities, as well as the term-structure of interest rates. The course also analyses the structure of corporate financing takeovers and insolvency.

Pre-Requisites: This an advanced course. Students will be expected to have a strong background in micro-economics, mathematics and statistics. The course entitled **Corporate Finance and Asset Markets** is a required pre-requisite. However, students who can satisfy the Department's Convener and the course teacher that they have covered the **Corporate Finance and Asset Markets** material to a satisfactory standard may be granted exemption from this requirement and allowed direct entry into **Topics in the Theory of Finance**.

Teaching Arrangements: (Ac163) Sixty hours of lectures, seminars and classes.

Written Work: Every student will be expected to submit six pieces of written work on topics which may be of their own choosing, but in general are expected to be a significant critique of a major paper or area.

Reading List:

No one book covers the entire course. Books recommended include: Suddipto Bhattacharya & George M. Constantinides, *Theory of Valuation*, Volumes 1 and 2 (Rowan and Littlefield, 1989); D. Duffie, *Dynamic*

Asset Pricing Theory (Princeton University Press 1992); John Hull, *Options, Futures and Other Derivative Securities* (Prentice-Hall, 1989); J. E. Ingersoll, *Theory of Financial Decision Making* (Roman and Littlefield, 1987); R. A. Jarrow & A. Rudd, *Option Pricing* (Richard D. Irwin, 1983); R. C. Merton, *Continuous-Time Finance* (Basil Blackwell, 1990); C. W. Smith, *The Modern Theory of Corporate Finance* (McGraw Hill, 1989).

In addition a list of supplementary journal articles and case work will be covered.

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the Summer Term.

Ac2041

Empirical Topics in Finance

Teachers Responsible: Dr. I. Tonks, Room A308 and Dr. G. Connor, Room A353

Course Intended Primarily for M.Sc. in Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: This course is designed for students who wish to investigate the applied and empirical aspects of modern financial economics. It is concerned with the application of financial models to the real world, and testing the validity of these models in financial markets.

Course Content: The precise content of this course changes from year to year. Among the topics considered are some of the following: Rational expectations and its implications for market efficiency; volatility, fads and speculations in stock prices; market micro-structure and the functioning of securities markets; topics in market efficiency and information processing, including the new issue market, small firm effects and seasonality; testing capital asset and arbitrage pricing models.

The course is complementary to both **Corporate Finance and Asset Markets** and **Topics in the Theory of Finance**.

Pre-Requisites: A knowledge of statistics and mathematics.

Teaching Arrangements: 50 hours of lectures (Ac165) and 15 hours of classes (Ac165a).

Reading List: A reading list will be available at the beginning of the session.

Examination Arrangements: The entire course assessment will be based on one three hour formal examination in the Summer Term.

Ac2050

International Accounting and Finance

Teachers Responsible: Professor A. G. Hopwood, Room A384, Dr. E. Bertero, Room A314 and Dr. P. Walton, Room A313

Course Intended Primarily for M.Sc. in International Accounting and Finance and M.Sc. in Accounting and Finance.

Core Syllabus: The course aims to provide a review of the international dimensions of accounting and

finance. Comparative aspects are also emphasised.

Course Content: The impact of social and cultural variables on accounting. Comparative aspects of accounting. Accounting in Europe, the Soviet Union, Japan and the Third World. Comparative strategies for accounting policy making and regulation. The international standardization of accounting. Financial and management accounting issues in multinational companies. Comparative management accounting and organizational control systems.

Fundamental equilibrium relationships in international finance and empirical evidence. The balance of payments. Exchange rates models and empirical evidence. The European monetary system and the international monetary system. Foreign exchange risk: exposure, management and hedging. International portfolio investment and diversification. Interdependence of equity markets. Multinational firms and foreign investment analysis. The regulatory framework for EC financial institutions and markets. Comparative financial systems.

Pre-Requisites: This is a compulsory course for the M.Sc. in International Accounting and Finance and an optional course for the M.Sc. in Accounting and Finance. Anyone admitted to those programmes has been judged to have the necessary background, subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course by Professor Hopwood if they have a substantial knowledge of accounting and finance acquired at undergraduate or equivalent level.

Teaching Arrangements: Twenty meetings (Ac161) of two and a half hours in the Michaelmas and Lent Terms.

Written Work: In the international accounting section of the course students are required to undertake an investigation of accounting in a particular country. In the international finance part students are required to undertake a group project on some aspects of the financial system of a particular country. Further details will be given on the Course Programme and Reading List which will be handed out at the first lecture.

Reading List: H. P. Holzer (Ed.), *International Accounting* (Harper and Row, 1984); A. G. Hopwood, *International Pressure for Accounting Change* (Prentice-Hall, 1989); M. Levi, *International Finance* (2nd edn., McGraw-Hill, 1990); C. W. Nobes & R. H. Parker, *Comparative International Accounting* (3rd edn., Prentice-Hall, 1991); J. Samuels & A. Piper, *International Accounting: A Survey* (Croom-Helm, 1985); A. Shapiro, *Multinational Financial Management* (5th edn., Allyn & Bacon, 1991).

Examination Arrangements: There will be a three hour formal examination in the Summer Term.

Ac2051

History of Accounting

Teacher Responsible: Mr. C. J. Napier, Room A310

Course Intended Primarily for M.Sc. in Accounting and Finance, M.Sc. in International Accounting and Finance, M.Sc. in Economic History. Students taking other taught masters' programmes

may take the paper if appropriate, and with the permission of the teacher responsible.

Core Syllabus: The aim of the course is to provide a critical introduction to the historical development of accounting theory and practice, with particular reference to the United Kingdom.

Course Content: The sources and historiography of accounting history. Theories of accounting history. The relationship between accounting changes and social and economic trends. Accounting in the ancient and medieval worlds. The origins and development of double-entry bookkeeping. Accounting literature and practice in the seventeenth and eighteenth centuries. The formalisation of the historical cost convention. The development of corporate financial reporting. Accounting within the enterprise, and its relationship with the development of management theories and practices.

Pre-Requisites: Students should have a basic knowledge of the mechanics of bookkeeping and accounting.

Teaching Arrangements: There will be approximately 20 weekly two-hour seminars (Ac164) commencing in the fifth week of the Michaelmas Term and continuing into the Lent and Summer Terms. The seminars will be led by Mr. Napier and Mr. Noke, but the normal form of each seminar will be for one of the students to read a paper on a pre-arranged topic and for the other students to discuss it.

Written Work: Every student will be expected to prepare a written submission for at least two seminars each term.

Reading List: Most of the reading will consist of journal articles, and detailed reading lists will be handed out during the course. In addition, students will be directed to study certain original accounting records.

A substantial part of the essential reading for the course is contained in: J. R. Edwards, *A History of Financial Accounting* (Routledge, 1989); M. Chatfield, *A History of Accounting Thought* (Krieger, 1977); A. C. Littleton & B. S. Yamey, *Studies in the History of Accounting* (Arno Press, 1978); T. A. Lee & R. H. Parker, *The Evolution of Corporate Financial Reporting* (Nelson, 1979); and the collected essays of B. S. Yamey (published in two volumes by Garland Publishing).

Examination Arrangements: A written three-hour examination in the Summer Term. Candidates will be expected to answer three questions from a choice of about ten.

Ac2052

Securities and Investment Analysis

Teacher Responsible: Dr. G. Connor, Room A353 and others

Course Intended Primarily for M.Sc. in Accounting and Finance and M.Sc. in International Accounting and Finance.

Core Syllabus: The aim of the course is to study aspects of security investment analysis and financial risk management. This is a dynamic sector of research finance, covering models of how the markets work: valuation models such as those for equities, options and futures; and portfolio management techniques, for

example, fixed interest portfolio immunisation. The unique approach of the course is a comprehensive course of use to students interested in investment analysis, fund management and corporate finance.

Course Content: the following topics:

The usage of information in security analysis; technical analysis, fundamental analysis and efficient markets research, a critical appraisal of the functioning of investment analysis in society; A description of securities markets and methods of dealing and transaction costs; Alternative valuation models for financial securities; Portfolio management objectives and techniques. All the main capital markets are considered in the course, namely money market, fixed interest, equities, options and futures.

Lecture Topics:

The topics to be covered in lectures may include: modern portfolio theory, options and futures strategies, the management of bond, equity and general asset portfolios, swaps, securitization and new product developments, as well as performance assessment.

Pre-Requisites: Anyone admitted to the M.Sc. programmes in Accounting and Finance has been judged to have the necessary background, subject to satisfactory completion of any required preliminary reading. Other students may be admitted to the course if they have a substantial knowledge of accounting and finance acquired at undergraduate or equivalent level. Students attending this course should have already completed introductory courses in corporate finance, financial accounting and stock market investment.

Teaching Arrangements: (Ac159) Ten meetings of three-hours duration during Michaelmas Term and ten meetings of three hours duration during Lent Term. (This includes lectures and classes.)

Written Work: Every student will be expected to submit two pieces of written work per term.

Reading List:

No one book covers the entire course. Books recommended include: Donald H. Chew, *New Developments in Commercial Banking* (Basil Blackwell, 1991); Darrell Duffie, *Futures Markets* (Prentice-Hall, 1989); Edwin J. Elton & Martin J. Gruber, *Modern Portfolio Theory and Investment Analysis* (Wiley, 1987); Stephen Figlewski, William L. Silber & Marti G. Subrahmanyam, *Financial Options: From Theory to Practice* (Business One Irwin, 1992); J. Orlin Grabbe, *International Financial Markets* (Elsevier, 1986); John Hull, *Options, Futures and Other Derivative Securities* (Prentice-Hall, 1989); Robert W. Kolb, *Understanding Futures Markets* (Scott, Foresman, 1988); Peter Ritchken, *Options: Theory, Strategy, and Applications* (Scott, Foresman, 1987).

The course will also make extensive use of the major journal articles on the topics covered. A detailed reading list will be given to students taking the course.

Examination Arrangements: There will be a three hour formal examination in the Summer Term.

Ac2150

Financial Reporting and Management

Teachers Responsible: Dr. P. Walton Room A313 and Mr. J. Dent, Room E307

Course Intended Primarily for M.Sc. Sea-Use Law, Economics and Policy Making; M.Sc. Analysis, Design and Management of Information Systems.

It is also suitable for other M.Sc. students who are not specialising in Accounting and Finance and who have not previously studied Accounting and Finance to a significant extent. Students who have previously studied Accounting and Finance are asked to seek advice before selecting this course.

Core Syllabus: The course provides an introduction to management and financial concepts and techniques.

Course Content: The course covers basic accounting concepts, the use of accounting in management, the analysis of company accounts, the environment of corporate reporting, discounted cash flow analysis, investment appraisal under uncertainty, accounting for inflation, and risk analysis in investment appraisal.

Pre-Requisites: None.

Teaching Arrangements: Ac170: The course will comprise 22 meetings of 2 hours each to be held in the Michaelmas, Lent and Summer Terms.

Written Work: Students are required to attempt several exercises during the year involving management accounting problems, the preparation of accounts, solutions to discounted cash flow case studies, together with a small amount of essay work.

Reading List: A detailed Course Programme and Reading List, will be handed out at the beginning of the course. The following texts are recommended for purchase: M. T. Pendlebury & R. Groves, *Company Accounts: analysis, interpretation, understanding* (Unwin Hyman, 2nd edn., 1990); C. T. Horngren & G. L. Sundem, *Introduction to Management Accounting* (Prentice-Hall, 1990); R. Pike & R. Dobbins, *Investment Decisions and Financial Strategy* (Philip Allen, 1986).

Other texts relevant for the course are: G. Holmes & A. Sugden, *Interpreting Company Reports and Accounts* (Woodhead Faulkner, 1990); R. Pike, R. Dobbins & L. Chadwick, *A Student Workbook* (Philip Allen, 1986).

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the latter part of June. The paper has two sections: Section 1 consists of five short compulsory questions; Section 2 consists of three questions, two to be attempted.

Ac2152

Financial Reporting for Operational Research (Half unit course)

Teacher Responsible: Dr. P. Walton, Room A313
Course Intended Primarily for M.Sc. in Operational Research and MSc Management.

Core Syllabus: The aim of the course is to provide an introduction to financial accounting and reporting. Emphasis will be put on both the basic technical aspects of the subject and its use in an organisational and managerial context.

Course Content: The aims of financial accounting and reporting. Basic accounting concepts. Company accounts. Accounting for inflation. The use and inter-

pretation of financial reports. Current issues and pressures for change. The international dimensions of accounting.

Pre-Requisites: None.

Teaching Arrangements: (Ac171) 2 hours - 10 lectures and classes. Commencing in the sixth week of the Michaelmas Term and continuing until the end of the fifth week in the Lent Term.

Written Work: Students are required to attempt several exercises and cases during the course.

Reading List: A detailed course programme and reading list will be given out at the beginning of the course. The following list is recommended: P. J. Walton, *Corporate Reports* (Stanley Thomas, 2nd edn., 1994). Also relevant is G. Holmes & A. Sugden, *Interpreting Company Reports and Accounts* (Woodhead Faulkner, 1990).

Examination Arrangements: A two-hour formal examination will take place in the Summer Term.

Department of Anthropology

M.Sc. Social Anthropology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Three written papers as follows:	
1.	General Principles of Social and Cultural Anthropology	An2210
2.	Political, Legal and Economic Anthropology	An2211
3.	Anthropology of Religion	An2212
	<i>and</i>	
II.	An essay of not more than 10,000 words on an approved topic	

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	15 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Course Guide Number</i>
An200	Kinship, Sex and Gender Dr. P. Loizos and Dr. R. Astuti	20/ML An1220; An2210
An201	Political, Legal and Economic Anthropology Professor J. Parry, Professor S. Roberts and other members of the Department	24/MLS An1223; An2211

*Lecture/
Seminar
Number*

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
An300	The Anthropology of Religion Dr. D. McKnight and other members of the Department	20/ML	An1302; An2212
An309	Advanced Theory of Social Anthropology Dr. J. Overing and Dr. H. Moore	20/ML	An1300; An2210
An400	A Programme of Ethnographic Films Dr. J. Woodburn and Dr. P. Loizos	20/ML	An400
An502	Teaching Seminar Members of the Department	25/MLS	An502
An505	Teaching Seminar (part-time M.Sc.) 1st year: Members of the Department 2nd year: Members of the Department	13/MLS	An505

Course Guides**An2210****General Principles of Social and Cultural Anthropology**

Teachers Responsible: Dr. P. Loizos, Room A614, Dr. R. Astuti Room A613, Dr. J. Overing, Room A612 and Dr. H. Moore, Room A603

Course Intended Primarily for M.Sc. in Social Anthropology.

Core Syllabus: The historical development of early and modern anthropology; classical social theory; analysis, interpretation and theory in modern social and cultural anthropology. The concept of kinship; descent; marriage and kin groups; gender.

Course Content: Advanced Theory: The conquest of South America; European discourses on the "other" Renaissance and Enlightenment developmentalism; 19th century evolutionism; classical social theory (Marx, Weber, Durkheim); the rise of professional British and N. American anthropology: the development of ethnographic genres. Modern anthropology: functionalism and ethnographic method; Levi-Strauss and structuralism; rationality and relativism; modern Marxist anthropology; the relation between anthropology and psychology. Anthropology and history, the problem of the understanding of the 'other'. The character of anthropology in different traditions. The anthropology of practice.

Kinship: The analysis of the content of kinship relationships. Gender roles. Levi-Strauss and alliance theory. Kinship, hierarchy and egalitarian societies. Non-biologically based idioms of kinship. Recent perspectives on gender theory. Concepts of substance and the body. Kinship and the state. Kinship and economic organisation: the cross-cultural analyses of friendship; sexual orientation as a cultural problem. Adoption.

Biological theories of kinship. Descent theory. Critique of the notion of 'kinship'. House-based societies.

Pre-Requisites: None.

Teaching Arrangements: 40 lectures (An200, An309) and as part of 25 2-hour teaching seminars.

Reading List: Students wanting early information about the readings that will be required for this course should contact the Anthropology office in the Summer Term.

Examination Arrangements: For course An2210 (combining the material from **Kinship, Sex and Gender**, and **Advanced Theory of Social Anthropology**) a three-hour examination in the Summer Term of at least 12 questions, of which three are to be answered.

An2211**Political, Legal and Economic Anthropology**

Teachers Responsible: Dr. G. vom Bruck, Professor J. Parry, Room A601, Professor S. Roberts, Room A150 and other members of the Department

Course Intended Primarily for M.Sc. in Social Anthropology.

Core Syllabus: The anthropological analysis of economic, political and legal institutions as revealed in relevant theoretical debates, with reference to selected ethnography.

Course Content: (i) Political and Economic Anthropology: The development of political and economic anthropology and its key concepts; social organisation of production and exchange; the economics of kinship and gender relations; slavery; the relationship between production and politico-economic power; the legitimation of power;

of the Department

Course Intended Primarily for M.Sc. in Social Anthropology.

Core Syllabus: This course covers selected topics in the anthropology of religion, focusing upon relevant theoretical debates. Reference will be made to ethnographies of the ritual, symbolism and religious knowledge of non-Western societies.

Course Content: Various anthropological approaches to the study of religion, ritual and symbolism will be covered. Key topics will be: the religious representation of life, death, sex, morality and gender; the relation between cosmology and magical practice; typologies of thought; the religious, the aesthetic, the scientific; religion and the social construction of the emotions; the work of the symbol; myth and history; theodicy and world religions.

Teaching Arrangements: Lectures (An201) 24 Michaelmas, Lent and Summer and as part of 25 2-hour teaching seminars.

Reading List: Students wanting early information about the readings that will be required for this course should contact the Anthropology office in the Summer Term.

Supplementary Reading List: To be recommended during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term of at least 10 questions, three of which must be answered.

Pre-Requisites: None.

Teaching Arrangements: 20 lectures (An300) and as part of 25 2-hour teaching seminars.

Reading List: Students wanting early information about the readings that will be required for this course should contact the Anthropology office in the Summer Term.

Examination Arrangements: A three-hour examination in the Summer Term of at least 10 questions, of which three are to be answered.

An2212**The Anthropology of Religion**

Teachers Responsible: Dr. A. Gell, Room A609, Dr. D. McKnight, Room A613 and other members

indigenous response to colonialism, capitalism and the anthropology of conflict; theories of consumption.

(ii) **Legal Anthropology:** The historical development of an anthropology of law; theories of order and the normative domain; hierarchy and authority; dispute institutions and processes; legal pluralism; Indian and Islamic law; law and culture.

Pre-Requisites: None.

Teaching Arrangements: Lectures (An201) 24 Michaelmas, Lent and Summer and as part of 25 2-hour teaching seminars.

Reading List: Students wanting early information about the readings that will be required for this course should contact the Anthropology office in the Summer Term.

Supplementary Reading List: To be recommended during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term of at least 10 questions, three of which must be answered.

M.Sc. Development Studies**Duration of course of Study***Full-time:* One academic year. *Part-time:* At least two calendar years.**Examination**

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I	Development: Theory, History and Policy (Examined by a dissertation of not more than 10,000 words)*	Dv8500
II	Three written papers chosen from the following disciplines with the approval of the student's supervisor and the Programme Director	
(i)	Anthropology: Political, Legal and Economic Anthropology Selected Issues in Anthropology and Development (Students are prepared for this paper by taking An1353 Agrarian Development and Social Change (1/2) and one Or other of An1350 Selected Topics in the Anthropology of East and Central Africa (1/2) and An1351 Selected Development Problems of Sahelian Africa (1/2))	An2211 An2213
(ii)	Population Studies: Analytical and Applied Demography I comprising: (a) Analysis of Fertility and Mortality (Pn151) (b) Population Methods for Development Planning consisting of: Collection of Demographic Data (Pn153) <i>and</i> Migration (Pn154) <i>and</i> Evaluation of Family Planning Programmes (Pn157)	Pn8100 Pn8100
(c)	Social and Economic Demography	Pn8102
(iii)	Economic History Growth, Poverty and Policy in the Third World since 1850 Latin America: Welfare, Equity and Development in Historical Perspective African Economic Development in Historical Perspective Japanese Economic Development since the Late Nineteenth Century: National and International Perspectives	EH2790 EH2780 EH2658 EH2659
(iv)	Economics Those students who have first degrees in economics and who wish to specialise in economics within the M.Sc. in Development Studies programme will usually be expected to take at least "The Economics of Less Developed Countries and of their development" (Ec2440), and may take another M.Sc. level course in economics, subject to the approval of the teachers responsible and the Programme Director in Development Studies. Those students who do not have first degrees in economics will be allowed to take the third year undergraduate option, Economic Development (Ec1521), as is the case for students taking the established M.Sc. in Politics of the World Economy.	

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
(v)	Geography Environmental Planning: National and Local Level Policy Implementation Third World Urbanisation Gender, Space and Society	Gy2822 Gy2830 Gy2833
(vi)	Information Systems Information Technology and Socio-Economic Development	SM8311
<i>and</i>	Information Systems in Developing Countries	SM8312
(vii)	International Relations International Political Economy Politics of Money in the World Economy International Political Economy of Energy International Politics: Asia and the Pacific International Politics: Africa and the Middle East	IR4639 IR4642 IR4644 IR4662 IR4663
(viii)	Government Government and Administration in New and Emergent States	Gv4122
(ix)	Social Policy and Administration Social Policy and Planning in Developing Countries Social Planning for Rural Development Gender, Development and Social Planning Urbanisation and Social Planning (<i>not to be taken with Third World Urbanisation Gy2830</i>) Foundations of Health Policy (<i>taught jointly with London School of Hygiene and Tropical Medicine</i>) Health Economics (<i>taught jointly with London School of Hygiene and Tropical Medicine</i>) In addition students may be encouraged to take: Social Research Methods in Developing Countries	SA6760 SA6764 SA6766 SA6763 SA6661 SA6666 SA173
(x)	Sociology Sociology of Development Nationalism The Political Sociology of Latin America	So6831 So6850 So6854
(xi)	Law Urban and Environmental Law in Developing Countries The International Law of Natural Resources International Economic Law International Protection of Human Rights Environmental Law and Policy International Environmental Law Law of International Institutions (<i>subject to approval</i>)	LL6064 LL6057 LL6054 LL6052 LL6157 LL6063 LL6048
(xii)	Environment and Development International Politics: Environment and Development The Politics of Southeast Asian Development (half unit)	Dv8501 Dv8503
<i>and</i>	Democracy and Reform in Southeast Asian Development (half unit)	Dv8504
(xiii)	Candidates may, in exceptional cases and subject to the approval of the Programme Director in Development Studies, substitute for the options listed above, other papers offered for the M.Sc., LL.M., or M.A.	

***Note:** Students from other Master's programmes in the School who have been given permission to take this option will be examined by a three hour unseen examination in June. Students following the courses part-time may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Dissertation	1 September

Title of degree

Where students opt for two courses in a single discipline/department this specialism will be reflected in the title of the degree e.g. M.Sc. in Development Studies (Population Studies).

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
Dv100	Development: Theory, History and Policy Professor Lord Desai, Dr. E. A. Brett, Dr. J. Putzel, Dr. I. Smyth and Dr. I. Rowlands	Dv8500
Dv101	Current Research and Practice in Developing Studies: Visiting Lecture Series Dr. J. Putzel, Dr. I. Smyth, Dr. I. Rowlands and Dr. E. A. Brett	Dv8500
Dv102	Social Research Methods in Developing Countries Dr. E. A. Brett, Professor T. Dyson, Dr. P. Loizos, Dr. J. Putzel and Dr. I. Smyth	Dv102; Dv8500
Dv104	International Politics: Environment and Development Dr. I. Rowlands	Dv8501
Dv105	The Politics of Southeast Asian Development 12/LS Dr. J. Putzel	Dv8503
Dv108	Women, Development and Institutions 35/ML Dr. I. Smyth	Dv8506

Course Guides**Dv102****Social Research Methods in Developing Countries**

Teachers Responsible: Dr. I. Smyth, Room C801, Dr. J. Putzel, Room C804, Professor T. Dyson, Room A328, Dr. P. Loizos, Room A614 and Dr. E. A. Brett, C802

Course Intended Primarily for M.Sc. Development Studies; M.Sc. Social Policy and Planning in Developing Countries; M.Phil., Ph.D. and Research Fee students undertaking empirical research in developing countries and other interested students.

Course Content: This course is intended to give students an introduction to data sources for social research in developing countries and some acquaintance with the problems associated with adapting standard social research methods for use in those countries. The coverage will include:

- (1) The social construction of social science data.
- (2) Epistemological and Ethical Issues.
- (3) The uses and limitations of official statistics.
- (4) Sample surveys as a source of data in research in developing countries.
- (5) Research design, sampling, construction of research instruments.
- (6) Gender-aware and feminist research, their relevance for social research in developing countries.
- (7) Participant observation.
- (8) Basic indicators and concepts of population change, including crude birth rate and infant mortality rate.
- (9) Basic measures of population, fertility and mortality using census and survey methods.
- (10) Contrasting approaches to Evaluative Research.
- (11) Participatory Action Research and Rapid Rural Appraisal.

A common focus of the course will be upon dimensions of vulnerability.

The lectures will be accompanied by workshops.

Teaching Arrangements: 10 lectures and eight workshops, Michaelmas Term.

Reading List: World Bank, *Population Change and Economic Development* (1985) incl Statistical Appendix and Technical Notes; R. Carr-Hill, *Social Conditions in Sub-Saharan Africa*; C. Newell, *Methods and Models in Demography*; D. Lucas (Ed.), *Asking Demographic Questions*; D. Casley & D. J. Lury, *Data Collection in Developing Countries*; M. Bulmer & D. P. Warwick (Eds.), *Social Research in Developing Countries: surveys and censuses in the Third World*; R. Ellen (Ed.), *Ethnographic Research: a guide to general practice*; P. Bardhan (Ed.), *Conversations between Economists and Anthropologists*; V. Verma, 'World Fertility Survey Methods' and J. C. Caldwell, 'Strengths and limitations of the survey approach' in J. Cleland & J. Hobcraft (Eds.), *Reproductive Change in Developing Countries*; J. C. Caldwell et al, *The Causes of Demographic Change: experimental research in South India*.

Dv8500**Development: Theory, History and Policy**

Teachers Responsible: Professor Lord Desai, Room X314, Dr. E. A. Brett, Room C803, Dr. Ines Smyth, Room C801 and Dr. James Putzel, Room C804

Course Intended Primarily for M.Sc. in Development Studies; M.Sc. Gender Studies.

Core Syllabus: The course deals with definitions, causes and consequences of and obstacles to, development and the corresponding expansion of the capabilities of people as social beings. It aims to integrate the concepts and perspectives of a range of disciplines and to consider: major trends of development and change in modern history and interpretations of them in the social sciences; contemporary social theory and its bearing on the policy and practice of development; criticism of current development policy and an approach to human development.

Course Contents: Concepts of 'development'. Paradigms of development and social change - liberalism, structuralism, capitalism, socialism. The international system: nationalism, culture and gender as factors in development and social change. Institutional approaches to development - states, markets and voluntary sector agencies as mechanisms for development administration. Change processes in major regions - from amongst East Asia, Africa, former socialist countries, Latin America, South Asia. Special topics in development theory - poverty, gender, population, agrarian change, the environment, governance and human rights.

Pre-Requisites: None.

Teaching Arrangements: Twenty lectures (each of two hours duration) + twenty seminar classes (each of one and a half hours duration) will be given in the Michaelmas and Lent Terms. In addition there will be a weekly Visiting Lecture in **Development Theory, Policy, and Practice**.

Reading List: There is no textbook for the course but the following will be particularly helpful: R. Bates (Ed.), *Towards a Political Economy of Development*, 1988; J. Drèze & A. Sen, *Hunger and Public Action*, 1990; P. Evans & others, *Bringing the State Back In*, 1985; M. Mackenshoph & others, *Development Policy and Public Action*, 1992; G. M. Meier, *Leading Issues in Development Economics*, 1989; Douglass North, *Structure and Change in Economic History*, 1981; A. Sen, *Resources, Values and Development*, 1984; M. Staniland, *What is Political Economy?*; UNDP, *Human Development Reports, 1990-1994*; World Bank, *World Development Reports, 1990-1994*.

A detailed reading list will be presented at the beginning of term.

Written Work and Examination Arrangements: The course will be assessed with two take-away essay papers for which completed essays are to be submitted at the beginning of the Spring and the Summer Terms. Final assessment will be through the completion of a 10,000 word dissertation/research paper which should be submitted by September 1st. Students from other programmes, taking the course as an option, will have a three-hour unseen examination in June.

Dv8501**International Politics: Environment and Development**

Teacher Responsible: Dr. Ian Rowlands, Room X320

Course Intended Primarily for students taking the M.Sc. in Development Studies, the M.Sc. in International Relations and the M.Sc. in Politics of the World Economy. Other suitably qualified and interested graduate students may take this course as permitted by the regulations for their degrees and with the permission of the teacher responsible.

Core Syllabus: An examination of the ways in which the international system imposes constraints upon, and present opportunities for, the achievement of sustainable development.

Course Content: A review of various definitions, paradigms and critiques of 'sustainable development'.

A review of international efforts to balance environment and development, including the 1972 United Nations Conference on the Human Environment and the 1992 United Nations Conference on Environment and Development.

Theories of co-operation within international society. An investigation into theoretical hypotheses about the international factors that promote and hinder sustainable development.

The major players in the debate - intergovernmental organisations (particularly the United Nations Environment Programme, the Commission on Sustainable Development and the World Bank), nongovernmental organisations, scientists, transnational corporations and the great powers.

Using the theoretical framework developed, a study of both various issues and different countries to determine how international politics affects efforts to achieve sustainable development - from amongst: financing, aid, tourism, trade, and energy; and countries of the less developed world, the Newly-Industrialising world, Eastern Europe and the Organisation for Economic Cooperation and Development.

The future prospects.

Pre-Requisites: None.

Teaching Arrangements: There will be 14 lectures (Dv104) of 1 hour each. They will take place in the Michaelmas Term (weeks 1-10) and the Lent Term (weeks 1-4). There will be 14 seminars of 1 hour each, which will take place in the Michaelmas Term (weeks 1-10) and the Lent Term (weeks 1-4); and 8 seminars of 1.5 hours each, which will take place in the Lent Term (weeks 5-10) and the Summer Term (weeks 1-2).

Reading List: Specific reading lists will be given for each topic covered. Meanwhile, the following basic reading material will help to provide a broader overview: W. M. Adams, *Green Development: Environment and Sustainability in the Third World* (Routledge, 1990); Michael Grubb *et al* (Eds.), *The 'Earth Summit' Agreements: A Guide and Assessment* (RIIA, 1993); Johan Holmberg (Ed.), *Policies for a Small Planet* (Earthscan, 1992); Andrew Hurrell & Benedict Kingsbury (Eds.), *The International Politics of the Environment* (Clarendon Press, 1992); Jim MacNeill *et al*, *Beyond Interdependence: The Meshing of the World's Economy and the Earth's Ecology* (Oxford University Press, 1991); David Pearce *et al*, *Sustainable Development: Economics and Environment in the Third World* (Earthscan, 1990); Gareth Porter & Janet Welsh Brown, *Global Environmental Politics* (Westview Press, 1991);

Caroline Thomas, *The Environment in International Relations* (RIIA, 1992); World Bank, *World Development Report 1992, Development and the Environment* (The World Bank, 1992); World Commission on Environment and Development, *Our Common Future* (Oxford University Press, 1987); Oran R. Young, *International Cooperation: Building Regimes for Natural Resources and the Environment* (Cornell University Press, 1989).

Examination Arrangements: One three-hour unseen examination held in June.

Dv8503

The Politics of Southeast Asian Development (half unit)

Teacher Responsible: Dr. James Putzel, Room C804

Course Intended Primarily for M.Sc. in Development Studies and M.Sc. in Comparative Politics. Other qualified and interested graduate students may take this course as permitted by the regulations for their degrees and with the permission of the teacher responsible.

Core Syllabus: A review of contemporary problems of development in Southeast Asia employing an historical and thematic approach to comparative political analysis.

Course Content: The course will cover literature concerning five of the ten countries in Southeast Asia: Thailand, Philippines, Vietnam, Indonesia and Malaysia. The first part of the course will concentrate on comparative political history and the institutional foundations of development in each of the five countries: contrasting experiences of colonialism; differing impact of nationalism, religion and ethnicity on state formation; divergent incentive patterns for agricultural and industrial development. The second part will be devoted to contemporary political problems, issues and debates in the development process: the demise of communist movements, foreign debt and economic liberalisation, impact of social and economic change on women and on the environment, and the pressures for democratisation. We will explore some of the major debates about the nature of the political systems in the region and demonstrate the value of studying the politics of the development process. Attention will be paid to the classic works on Southeast Asian politics and discussions of different methodological and theoretical approaches to the study of politics.

Pre-Requisites: Normal requirements for acceptance on M.Sc. programmes.

Teaching Arrangements: The course will consist of twelve one hour lectures and twelve one and a half hour seminars held during Lent and the first part of Summer Terms. The seminars will be based on a discussion of student presentations of the readings.

Written Work: Students will be expected to present at least two short written essays for discussion in seminars.

Background Reading List:

A detailed weekly reading list will be provided at the first course meeting. Meanwhile, the following basic reading material will provide a broad overview: R.

Higgott & R. Robison (Eds.), *Southeast Asia: Essays in the Political Economy of Structural Change* (Routledge & Kegan Paul, 1985); K. Hewison, G. Rodan & R. Robison (Eds.), *Southeast Asia in the 1990s: Authoritarianism, Democracy and Capitalism* (Allen and Unwin, 1993); J. G. Taylor & A. Turton, *Sociology of "Developing Societies": Southeast Asia* (Macmillan, 1988); D. G. E. Hall, *A History of South-East Asia*, 4th edn. (Macmillan, 1981); J. Rigg, *Southeast Asia: A Region in Transition: A thematic human geography of the ASEAN region* (Unwin Hyman, 1991); R. McVey (Ed.), *Southeast Asian Capitalists* (Cornell University Press, 1992); G. P. Means, *Malaysian Politics: The Second Generation* (Oxford University Press, 1991); J. Girling, *Thailand, Society and Politics* (Cornell University Press, 1981); B. Anderson, *Language and Power: Exploring Political Cultures in Indonesia* (Cornell University Press, 1990); R. Robinson, *Indonesia: The Rise of Capital* (Unwin Hyman, 1986); G. Porter, *Vietnam: The Politics of Bureaucratic Socialism* (Cornell University Press, 1993); D. G. Timberman, *A Changeless Land: Continuity and Change in Philippine Politics* (Institute of Southeast Asian Studies, 1991); J. Putzel, *A Captive Land: The Politics of Agrarian Reform in the Philippines* (Catholic Institute for International Relations and Monthly Review Press, 1992).

Examination Arrangements: The course will be assessed by a two-hour unseen examination in June. For the students taking the course for a whole year's credit, a 5,000 word essay will be due at the end of Summer Term that will count for 50% of their final grade.

Dv8504

Democracy and Reform in Southeast Asian Development

Teacher Responsible: Dr. James Putzel, Room C804

Course Intended Primarily for M.Sc. in Comparative Politics and M.Sc. in Development Studies. M.Sc. in other departments or other post-graduate students may enrol in the course with permission of the faculty member responsible.

Core Syllabus: A review of the comparative experience of movements for political change and democratisation in Southeast Asia and their impact on economic development.

Course Content: The course begins with a comparative examination of the history of religious, nationalist and communist movements, as well as early efforts to establish pluralist political systems in Southeast Asia. It will examine in detail the ideological, cultural and structural determinants behind the formulation and implementation (and non-implementation) of major economic and political reforms. Contrasting experiences in modern movements for democratic transition will be assessed. New social movements for women's rights and environmental protection will be examined to assess their potential impact on the processes and prospects of economic development and political change. The course will draw on the experience of

five Southeast Asian countries: Indonesia, Malaysia, Philippines, Thailand and Vietnam.

Teaching Arrangements: The course will be organised along a semester plan. It will meet once a week for two hours with the first hour devoted to a lecture and the second hour reserved for seminar discussion based on student presentations of the readings and the content of the lectures.

Written Work: Students taking the course from a non-semesterised M.Sc. Programme may opt to write an additional 5,000 word essay to ensure a full unit of credit.

Reading List: Gillian Hart, Andrew Turton & Benjamin White (Eds.), *Agrarian Transformations: Local Processes and the State in Southeast Asia* (University of California Press, 1989); Philip Hurst, *Rainforest Politics: Ecological Destruction in South-East Asia*, Zed Books, 1990; James Putzel, *A Captive Land: Politics of Agrarian Reform in the Philippines* (Catholic Institute for International Relations, Monthly Review Press and Ateneo de Manila University Press, 1992); Craig J. Reynolds (Ed.), *Thai Radical Discourse: The Real Face of Thai Feudalism Today* (Cornell University Southeast Asia Program, 1987); James Scott, *The Moral Economy of the Peasant: Rebellion and Subsistence in Southeast Asia* (Yale University Press, 1976); Michael C. Williams, *Vietnam at the Crossroads* (Pinter, 1992).

Examination Arrangements: To be announced.

Dv8506

Women, Development and Institutions

Teacher Responsible: Dr. Ines Smyth, Room C801

Course Intended Primarily for students taking the M.Sc. in Development Studies and the M.Sc. in Gender. Other interested and qualified graduate students may take this course as permitted by the regulations of their degrees and with the permission of the teacher responsible.

Core Syllabus: An examination of the contribution feminist theories make to the study of institutions and organizations, in an international perspective.

Course Content: The course examines the way in which gender acts as a set of norms and practices crucial to the emergence and transformation of institutions. It also documents the gendered nature of key organizations, with particular reference to the position, experiences and strategies of women in the latter. It will study in particular organisations concerned with development and those operating in less developed countries. The Course will be structured around three separate types of institutions and organizations: those located in the socio-political arena, such as the State (bureaucracies, public administrations), non-governmental organisations and international development agencies; those located in the productive arena: agrarian systems, firms, trade unions; those located in the private sphere, primarily the household, the family and the institution of marriage.

Pre-Requisite: None.

Teaching Arrangements: In the Michaelmas Term there will be 10 sessions of 2 hours each (1 hour lecture and 1 hour seminar discussion); in Lent Term

there will be 10 sessions of 1½ hours each (seminars).

Reading List: C. Cockburn, *In the Way of Women: Men's Resistance to Sex Equality in Organizations* (Macmillan, 1991); IDS Bulletin, 'New Forms of Public Administration', Vol. 23, No. 4, 1992; B. Einhorn, *Cinderella Goes to Market: Citizenship, Gender and Women's Movements in East Central*

Europe, Verso, 1994; K. Jones, *Compassionate Authority: Democracy and the Representation of Women*, Routledge, 1993; M. McIntosh, *Gender, Class and Rural Transition*, Zed Books, 1989; H. Moore, *Feminism and Anthropology*, Policy Press, 1988; D. North, *Institutions, Institutional Change and Economic Performance*, CUP, 1990; K. Staud, *Women, International Development and Politics*, 1990.

Examination Arrangements: To be announced.

Department of Economics

M.Sc. Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
Three written papers as follows:		
1.	(a) Macro-Economics I	Ec2402
	or (b) Macro-Economics II	Ec2403
2.	(a) Micro-Economics I	Ec2404
	or (b) Micro-Economics II	Ec2405
3.	(a) Methods of Economic Investigation I	Ec2410
	or (b) Methods of Economic Investigation II	Ec2411
AND		
4.	One of the following options: Depending on the option chosen, the method of examination will either be a three-hour written paper, or a two-hour paper, plus a 4,000/6,000 word extended essay	
	(a) History of Economic Thought (<i>not available 1994-95</i>)	Ec2425
	(b) International Economics	Ec2426
	(c) Economics of Investment and Finance	Ec2428
	(d) Labour Economics	Ec2429
	(e) Monetary Economics	Ec2430
	(f) Public Finance	Ec2435
	(g) Economics of Industry	Ec2436
	(h) The Economics of Less Developed Countries and of their Development	Ec2440
	(i) Reform of Economic Systems	Ec2442
	(j) Economic Inequality	Ec2465
	(k) Game Theory for Economists	Ec2456
	(l) Capital Markets, the Corporation and Taxation	Ec2437
	(m) Any other field of Economics approved by the candidate's teachers	

In exceptional circumstances, a candidate may, subject to the approval of the Department, substitute for one of the papers under 1, 2 or 3 a paper in a second subject under 4.

Students following the part-time course may, with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter the first part and to enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Extended essay	The first day of the Summer Term, or at a later date during the Summer Term, if notified by the Department at the beginning of the session.

M.Sc. Econometrics and Mathematical Economics**Duration of Course of Study***Full-time:* One academic year, unless Preliminary Year is taken.*Part-time:* At least two academic years.**Examination**

Candidates will be examined on courses to the value of four whole units. The examination for each whole unit will be by means of a three-hour written examination (except for 4(e)). For each half-unit the examination will be by means of a two-hour written examination. In addition course work may also be assessed.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	Two half-units consisting of: Quantitative Techniques	Ec2552
	<i>and either</i>	
	(a) Advanced Econometric Theory	Ec2553
	or (b) Advanced Mathematical Economics	Ec2554
2.	Two half-units from the following:	
	(a) Quantitative Microeconomics	Ec2555
	(b) Quantitative Macroeconomics	Ec2556
	(c) Topics in Advanced Econometrics	Ec2557
	(d) Topics in Advanced Mathematical Economics	Ec2558
	(e) Basic Time Series and Stochastic Processes	ST8263
3.	One of the following:	
	(a) Two half-units from 1(a)-(b), 2(a)-(e)	
	(b) Microeconomics II (<i>not if Microeconomics I was taken in the preliminary Year</i>)	Ec2405
	(c) Macroeconomics I (<i>not if Macroeconomics II was taken in the preliminary Year</i>)	Ec2402
	(d) Macroeconomics II	Ec2403
	(e) A paper in Economics to the value of one unit, approved by the candidate's teacher	
4.	One of the following:	
	(a) Two papers from the following list:	
	(i) One further paper from 1 or 2	
	(ii) One further paper from 2	
	(iii) Further Time Series and Stochastic Processes	ST8264
	(iv) Regression Diagnostics and Robustness	ST8262
	(v) One half-unit in Statistics approved by the candidate's teachers	teachers
	(b) Measure Theory, Probability and Integration	MA7061
	(not available 1994-95)	
	(c) Game Theory for Economists	Ec2456
	(d) A unit or two half-units in Statistics or Mathematics approved by the candidate's teachers	
	(e) An essay or project of not more than 10,000 words	

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of papers to the value of two units, taken after completion of courses for those papers. The second part will consist of the remaining papers, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and if on that occasion the examination is failed to make one

further attempt at the whole examination.

Dates of Examination

Written Papers	June
Essay/Report	1 June

Preliminary Year

This is intended for students without a satisfactory background in both economics and mathematics. Before being allowed to proceed to the final year of the M.Sc. as described above, students must pass in three examinations, selected from the following list with a view to filling in their gaps in economics, mathematics or statistics. However, students will normally be expected to attend four courses during the preliminary year.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	Methods of Economic Investigation II	Ec2411
2. & 3.	Two papers from the following list:	
	(a) Further Mathematical Methods (Calculus)	MA7045
	<i>and</i>	
	Further Mathematical Methods (Linear Algebra)	MA7044
	(b) Probability, Distribution Theory and Inference	ST7220
	(c) Mathematical Economics	Ec1570
	(d) (i) Microeconomics I	Ec2404
	or (ii) Microeconomics II	Ec2405
	(e) A paper approved by the candidate's teachers	

In addition, preliminary year students are required to attend two seminars:

Preliminary Year Seminar in Economics	Ec300
Preliminary Year Seminar in Econometrics	Ec301

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the Course Content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Course Guide Number</i>
Ec120	Econometric Topics in Macroeconomics Mr. J. J. Thomas	10/L Ec1579; Ec2411
Ec210	Final-Year Mathematics for Economists Dr. E. A. Kuska	September course Ec2410; Ec2411
Ec211	Final-Year Statistics for Economists Dr. B. Blight	September course Ec2410; Ec2411
Ec212	Microeconomics I Professor J. Sutton and Dr. L. Felli	40/ML Ec2404

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Ec213	Microeconomics II Professor J. Hardman Moore and Professor K. W. S. Roberts	20/ML	Ec2405
Ec214	Macroeconomics I Professor C. R. Bean	40/ML	Ec2402
Ec215	Macroeconomics II Dr. D. Quah	40/ML	Ec2403
Ec216	Methods of Economic Investigation I Dr. H. Wills, Mr. J. J. Thomas and Professor A. Harvey	40/ML	Ec2410
Ec221	History of Economic Thought (Not available 1994-95) (i) Classical Economics (ii) Seminar Dr. M. Perlman	20/ML 25/MLS	Ec2425
Ec222	International Economics Professor A. Venables	44/MLS	Ec2426
Ec226	Theory of Optimal Decisions Professor L. P. Foldes	25/MLS	Ec2428
Ec227	Labour Economics Professor P. R. G. Layard	25/MLS	Ec2429
Ec228	Monetary Economics Professor C. A. E. Goodhart and Dr. D. Quah	45/MLS	Ec2430
Ec234	Transport and Urban Economics Seminar Dr. C. M. E. Whitehead	10/L	Ec2510
Ec236	The Economics of Public Finance Professor F. Cowell and Dr. J. I. Leape	20/ML	Ec2435
Ec238	Privatisation Professor D. Bös	3/L	Ec2435
Ec239	Seminar on Public Economics (Not available 1994-95) Professor F. Cowell	12/MLS	
Ec240	Economics of Industry Professor J. Sutton	40/ML	Ec2436

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Ec242	The Economics of Less Developed Countries Dr. C. Scott, Mr. M. Steuer, Dr. B. Armendariz and Mr. J. J. Thomas	40/ML	Ec2440
Ec243	Seminar on the Economics of Less Developed Countries Dr. C. Scott and Dr. B. Armendariz	10/ML	
Ec246	Seminar on Economic Reform Dr. S. Gomulka and Dr. C. Xu	25/MLS	Ec2442
Ec247	Reform of Economic Systems Dr. S. Gomulka, Professor R. Layard, Dr. P. D. Boone and Dr. C. Xu	20/ML	Ec2442
Ec249	Capital Markets Professor D. Webb and Dr. M. Bray	25/MLS	Ec2437
Ec251	Manpower Development Planning Dr. C. R. S. Dougherty	10/M	Ec2429; Ec2440; SA6765
Ec252	Capital Markets and Finance Workshop Professor D. Webb and Dr. M. Bray	12/MLS	
Ec253	Game Theory for Economists Dr. L. Felli and other	40/ML	Ec2456
Ec255	Economic Organisation of the European Community Mr. A. Marin	20/ML	Ec2516
Ec256	Economic Organisation of the European Community Seminar Mr. A. Marin	45/MLS	Ec2516
Ec257	Basic Economic Concepts Dr. B. Armendariz	15/M	Ec2516
Ec258	The Economics of Inequality Professor F. A. Cowell and others	25/ML	Ec2465
Ec259	Seminar on Economic Justice Professor F. A. Cowell and others	20/LS	Ec2465
Ec300	Preliminary Year Seminar in Economics TBA	20/ML	

Lecture/
Seminar
NumberCourse Guide
Number

Ec301	Preliminary Year Seminar in Econometrics Dr. J. Magnus	20/ML	
Ec302	Quantitative Techniques Dr. J. Hidalgo, Dr. J. Lane and Dr. J. Magnus	20/M	Ec2552
Ec303	Advanced Econometric Theory Professor P. Robinson	20/L	Ec2553
Ec304	Advanced Mathematical Economics Professor J. Hardman Moore, Dr. J. Lane and others	30/M	Ec2554
Ec305	Quantitative Microeconomics Dr. J. Magnus and Dr. H. Wills	20/L	Ec2555
Ec306	Quantitative Macroeconomics Dr. D. Quah and Dr. Z. Chen	20/M	Ec2556
Ec307	Topics in Advanced Econometrics Professor P. Robinson, Dr. J. Magnus and Dr. J. Hidalgo	30/ML	Ec2557
Ec308	Topics in Advanced Mathematical Economics Professor J. Hardman Moore, Dr. A. Horsley and others	20/ML	Ec2558
Ec324	Seminar in Econometrics Dr. J. Magnus and Professor P. Robinson	12/MLS	

Course Guides

Final Year Mathematics for Economists (September Course)

Teacher Responsible: Dr. E. Kuska, Room S87
Course Intended Primarily for M.Sc. in Economics.

Course Syllabus: The aim of this course is to provide students with the minimum mathematical background for the core courses of the M.Sc. Economics programme.

Course Content: The first part of this course begins with a concise review of the elements of matrix algebra and one-variable differential calculus. It continues with a treatment of multivariate differential calculus and an introduction to classical optimisation techniques.

The second part of the course begins with a continua-

tion of optimisation methods, convexity and concavity, and then covers comparative statics analysis. It concludes with treatments of linear differential equations, stability, and phase diagrams.

Pre-Requisites: Introductions to the elements of matrix algebra and one-variable calculus.

Teaching Arrangements: 45 hours of lectures and 10 hours of classes in September.

Reading List: Lecture handouts are made available to students taking the course. The main textbook is A. Chiang, *Fundamental Methods of Mathematical Economics*, McGraw-Hill, 1984. Other useful books are: S. Glaister, *Mathematical Methods for Economists*, Basil Blackwell, 1984; P. Lambert, *Advanced Mathematics for Economists*, Basil Blackwell, 1985; C. Birchenhall & P. Grout, *Mathematics for Modern Economics*, Philip Allan, 1984; B. Beavis & I. Dobbs, *Optimization and Stability Theory for Economic Analysis*, Cambridge, 1990. The relevant chapters of Edward T. Dowling,

Schaum's Outline of Theory and Problems of Mathematics for Economists, McGraw Hill, 1992 may also be useful.

Examination Arrangements: One three-hour examination at the end of September.

Ec211

Final Year Statistics for Economists (September Course)

Teacher Responsible: Dr. B. Blight
Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The aim of this course is to provide students with the minimum statistical theory and methods background for the core courses of the M.Sc. Economics programme.

Course Content: Descriptive measures, probability, random variables, point and interval estimation, hypothesis testing, correlation and regression, introduction to time series.

Pre-Requisites: None.

Teaching Arrangements: 40 hours of lectures plus 10 hours of classes. Exercise sheets to accompany each class are provided.

Recommended Text: Paul Newbold, *Statistics for Business and Economics*, 3rd edn., Prentice Hall.

Examination Arrangements: One three-hour examination at the end of September.

Ec2402

Macroeconomics I

Teacher Responsible: Professor C. R. Bean, Room R423A

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The aim of the course is to give a wide-ranging survey of modern macroeconomics. While the course will require the use of mathematical methods, the overall presentation will be less rigorous than **Macroeconomics II**. The course will cover many of the same topics as **Macroeconomics II** but in less depth and less prior knowledge will be assumed.

Course Content: The course will cover the following topics:

Static Aggregate Demand and Supply: an overview of the Keynesian and Classical models and a discussion of the role of fiscal and monetary policy in both closed and open economies.

Simple Dynamic Models: including the Solovian growth model and the inflationary implications of the government budget identity.

Labour Markets: implicit contract, efficiency wage and union models.

Rational Expectations: dynamic models with rational expectations including the 'overshooting' model of exchange rate behaviour; the Lucas critique; time consistency, credibility and central bank independence.

Household Behaviour: the life-cycle permanent-income model, including empirical testing: labour

supply; the consumption-based capital asset pricing model.

Investment: neo-classical and 'q' models.

Classical Growth: the Ramsey-Cass-Koopmans model; overlapping generations and Ricardean equivalence.

Endogenous Growth: the role of human capital formation and technical change in the growth process and impact of government policy on growth.

New Classical Macroeconomics: the equilibrium approach to business cycles stressing the role of imperfect information, the 'policy ineffectiveness' proposition, and empirical tests thereof.

Real Business Cycles: Equilibrium models of business cycles driven by supply shocks.

The New Keynesian Microfoundations: fixed costs of price adjustment and the new microfoundations of Keynesian business cycle theory.

Pre-Requisites: Undergraduate economics major or equivalent. A knowledge of differential calculus will also be assumed.

Teaching Arrangements: 40 hours of lectures (Ec214) in the Michaelmas and Lent Terms. 20 weekly one-hour classes (Ec214a) Sessional.

Written Work: Exercises are set for each class, although only four of these will be taken in and marked.

Reading List: There are no texts which correspond exactly to the material of the course. W. H. Branson, *Macroeconomic Theory and Policy* is useful for the early parts of the course, but the general level is rather more advanced. D. K. H. Begg, *The Rational Expectations Revolution in Macroeconomics*, O. Blanchard & S. Fischer, *Lectures in Macroeconomics* and S. M. Sheffrin, *Rational Expectations* are also useful. The primary source of reading is published articles, however, and a full list will be available at the start of the course.

Examination Arrangements: A three hour examination in the Summer Term. Forty per cent of the marks are given for five (out of six) short questions, and the remainder for three (out of six) long questions.

Ec2403

Macroeconomics II

Teacher Responsible: Dr. D. Quah, Room S479

Course Intended Primarily for M.Sc. in Economics. While open to any M.Sc. student, the course caters primarily for those who already have a good background in macroeconomics and plan to do post-M.Sc. research in the subject. It assumes a working knowledge of the mathematical techniques commonly studied in macroeconomics.

Core Syllabus: The course does not aim to be as comprehensive in its coverage as Ec2402 (**Macroeconomics I**). Rather fewer topics will be covered at greater length with more rigour and in greater depth.

Course Content: The course begins with a brief treatment of balanced growth models with and without money (the Solow model). It then moves on to consider endogenous growth and fluctuations around the balanced growth path, including monetary fluctuations; real business cycles; employment fluctuations

and persistence; near-rationality, menu costs, coordination failures, sunspots, and multiplicity. Models used include infinite-horizon perfect foresight models, stochastic equilibrium models, adjustment costs, and equilibrium search. Techniques include classical optimisation, stochastic control, stochastic dynamic programming, and stability of differential and difference equations. Some lectures are devoted to techniques when appropriate.

Teaching Arrangements: 40 lectures (Ec215) and 20 classes (Ec215a) in the Michaelmas and Lent Terms.

Written Work: Two pieces of written work are set each term, one of which is in the form of a mock examination.

Examination Arrangements: A three hour examination in the Summer Term. A quarter of the marks are given for five (out of six) short questions, and the remainder for three (out of eight) long questions.

Ec2404

Microeconomics I

Teacher Responsible: Professor J. Sutton, Room R424

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The aim of the course is to develop the basic tools for analysing problems of resource allocation used by economists working in research, government and business. The course deals with positive and normative problems. It aims to include modern developments without being overly mathematical, and to develop a capacity to apply economic concepts to real-world problems. The coverage of this course is not as wide as **Microeconomics II** and the technical requirements are lower. The depth of the analysis is, however, at an equivalent level.

Course Content: There are four broad headings. *Consumer Theory:* as well as the standard material this will include such topics as labour supply and incentives, first and second best, efficient pricing policy, intertemporal allocation, uncertainty, *The Competitive Firm:* as well as standard material this will cover the objectives of the firm, cost and profit functions, uncertainty, investment. *Imperfect Competition:* this will include monopoly, oligopoly, product differentiation, imperfect information, and a range of applications, *General Equilibrium, Trade and Welfare:* the two sector model of general equilibrium, the Heckscher-Ohlin paradigm, monopolistic competition and international trade.

Pre-Requisites: Undergraduate economics major or equivalent. A knowledge of multivariate calculus is assumed.

Teaching Arrangements: 20 2-hour lectures (Ec212) and 20 classes (Ec212a) in the Michaelmas and Lent Terms.

Written Work: Exercises are set for each class but only 3 of these will be taken and marked.

Reading List: The course will draw on a variety of texts, the main ones being: H. R. Varian, *Microeconomic Analysis* (2nd edn.), Norton; P. R. G. Layard & A. A. Walters, *Microeconomic Theory*, McGraw-Hill; H. Gravelle & R. Rees,

Microeconomics, Longman; A. B. Atkinson & J. E. Stiglitz, *Lectures in Public Economics*, McGraw-Hill; A. Deaton & J. Muellbauer, *Economics and Consumer Behaviour*, Cambridge University Press; N. Ireland, *Product Differentiation and Non-Price Competition*.

More detailed readings will be given at the beginning of the course and some notes will be provided where text book coverage is inadequate.

Examination Arrangements: A three hour examination in the Summer Term. Half the marks given for about 8 short compulsory questions, and half for 2 other questions (chosen from about 6).

Ec2405

Microeconomics II

Teachers Responsible: Professor J. Hardman Moore, Room S478 and Professor K. W. S. Roberts, Room S477

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The aim of the course is to provide a firm grounding in micro-economic theory. It will seek to identify areas where the present theoretical treatment is unsatisfactory and new approaches are needed.

Course Content: Microeconomics of the household (including consumption and labour supply) and of the firm. General equilibrium theory. Welfare economics. Theory of information and uncertainty. Contract theory.

Pre-Requisites: Good undergraduate knowledge of economic theory. Calculus required.

Teaching Arrangements: 20 two-hour lectures (Ec213) and 20 one-hour classes (Ec213a) in the Michaelmas and Lent Terms.

Written Work: Exercises are set for each class. There will in addition be a 1-hour mock exam at the start of the Summer Term.

Reading List: General. The course will draw on a variety of sources, including the following texts: D. M. Kreps, *A Course in Microeconomic Theory*, Harvester Wheatsheaf; H. R. Varian, *Microeconomic Analysis* (3rd edn.), Norton; A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*, McGraw-Hill; A. Deaton & J. Muellbauer, *Economics and Consumer Behaviour*, Cambridge University Press.

Examination Assessment: There is a three-hour examination in the Summer Term.

Ec2410

Methods of Economic Investigation I

Teachers Responsible: Dr. H. Wills, Room S682, Professor A. Harvey, Room S203 and Mr. J. J. Thomas, Room S677

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The course aims to present and illustrate the techniques of empirical investigation in economics.

Course Content: Main Course Outline:

1. Regression models with fixed regressors (simple and multiple). Least squares. Goodness of fit and hypothesis testing.
2. Regression models with stochastic regressors.
3. An example of regression using experimental data estimating labour supply, the Seattle-Denver Income Maintenance Experiment.
4. The partitioned regression model multicollinearity, misspecification, omitted and added variables.
5. An example of the omitted variable problem. The omission of ability in the determination of the rate of return of schooling.
6. Asymptotic Theory and its application to the regression model.
7. Heteroskedasticity and Generalized Least Squares.
8. Measurement Errors and Instrumental Variables.
9. The method of maximum likelihood.
10. Sample Selection Bias, an application of maximum likelihood.
11. The analysis of time series. Basic concepts; the autoregressive process asymptotic theory.
12. Regression models in time series. Distributed lags; autocorrelated disturbances; estimation methods.
13. Diagnostic tests, model selection.
14. Simultaneous equations. Structural and reduced forms; identification, two stage least squares.
15. Dynamic simultaneous equation systems. Final form stability.
16. Rational expectations - theory and econometric practice.
17. A Case study; the consumption function.

Supplementary Course Outline (optional): Mr. J. Thomas, Room S677

The lectures are concerned with practical econometrics and cover the use of the standard computer packages in econometrics including practical exercises. **Pre-Requisites:** Knowledge of calculus, linear algebra, probability and statistics are assumed to the level of the September courses in Mathematics and Statistics. Some knowledge of elementary econometrics will obviously be useful although not absolutely essential.

Teaching Arrangements: The main course is a series of 40 one-hour lectures (Ec216), given twice a week, in the Michaelmas and Lent terms, the optional course, eight one-hour lectures given fortnightly. There are 20 weekly classes (Ec216a) associated with the lectures.

Written Work: Exercises are provided each week and are discussed in classes. In order to have any chance of completing the course successfully, these exercises must be attempted. Special test exercises will be set at three points during the year. These will be carefully marked and the results made available.

Text Books: Theory: The text will be J. Johnston, *Econometric Methods*. A number of theoretical topics are not adequately covered in this or indeed in any other elementary text and so supplementary notes will also be provided.

Another useful text is G. Judge *et al.*, *Introduction to the Theory and Practice of Econometrics*. A more advanced text is A. Harvey, *The Economic Analysis of Time Series*, Phillip Allen.

Examination Arrangements: There is a three hour formal examination in the Summer Term. There will be approximately ten questions. The first question (which will be compulsory and account for 60 per cent of the marks) will contain short problems.

Ec2411

Methods of Economic Investigation II

Teacher Responsible: Dr. J. Hidalgo, Room S580
Course Intended Primarily for M.Sc. in Economics, as advanced alternative to **Methods of Economic Investigation I** and for M.Sc. in Econometrics and Mathematical Economics preliminary year.

Course Content: The lectures for this course are drawn from advanced undergraduate options. The course segments are: (i) **Econometric Theory** 20 lectures (Ec122) and 20 classes (Ec122a), Michaelmas and Lent Terms; (ii) **Econometrics of Individual Behaviour** 10 lectures (Ec117) and 5 classes (Ec117b), Michaelmas Term; (iii) **Econometric Topics in Macro-Economics** 10 lectures (Ec120) and 5 classes (Ec120a), Lent Term. Segments (ii) and (iii) may be regarded as alternatives and students are not expected to prepare both for examination, although they are encouraged to audit the lectures. See the relevant undergraduate study guides for further details, under **Econometric Theory** Ec1575 and **Topics in Quantitative Economics**, Ec1579.

Pre-Requisites: Students should normally have completed an undergraduate course in econometrics or statistical theory. Knowledge of linear algebra, calculus and statistical theory is assumed.

Examination Arrangements: There is a three hour examination in the Summer Term. The examination paper is in three sections, with questions on course segments (i), (ii) and (iii) respectively. Four questions must be answered, at least one on segment (i) and any three others.

N.B. This examination takes place at the same time as the B.Sc. **Econometric Theory** examination, and so may be a little earlier than the other M.Sc. papers.

Ec2425

History of Economic Thought

(Not available 1994-95)

Teacher Responsible: Dr. M. Perlman, Room S675
Course Intended Primarily for M.Sc. in Economics; M.Sc. in Economic History.

Core Syllabus: The course traces the development of monetary and macroeconomic theory from about the middle of the eighteenth until the beginning of the twentieth century. It examines the recurring theoretical debates in the light of modern economic analysis and the very similar modern controversies.

Course Content: The major authors studied are Hume, Cantillon, Thornton, Ricardo, Fullarton, J. S. Mill, Wicksell and Marshall. Two important monetary controversies, the Bullionist and Currency Banking School controversies, will be examined in detail.

Teaching Arrangements: 20 lectures (Ec221) and 25 seminars in the Michaelmas and Lent Terms, devoted to the analytical reading of texts.

Written Work: Students will be expected to produce seminar papers.

Reading List: Apart from the original texts, the following general histories may be consulted: J. Schumpeter, *History of Economic Analysis*; J. Viner,

Studies in the Theory of International Trade; L. Robbins, *Robert Torrens and the Evolution of Classical Economics*; J. R. Hicks, *Critical Essays in Monetary Theory*.

Examination Arrangements: At the discretion of the Teacher Responsible, there will be for all students *either* a three hour formal examination in the Summer Term, *or* an extended essay ('a dissertation') to be handed in in early May, *plus* a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but *may* also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2426

International Economics

Teacher Responsible: Professor A. Venables

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: A graduate course in international economics developing trade theory and its application to policy.

Course Content: Comparative advantage and the gains from trade. Theories of comparative advantage. The theory of trade policy. International institutions and trade policy. Intra-industry trade and market structure. Trade and economic development. Empirical implementation of trade models. Economic integration, theories and evidence (especially EC and the North American free trade area).

International trade and economic geography. Trade, technology and growth.

Pre-Requisites: Intermediate level microeconomics, including calculus.

Teaching Arrangements:

44 hours of lectures (Ec222) and classes, Sessional.

Reading List: A full reading list will be distributed at the beginning of the course. Some important items are:

A. Dixit & V. Norman, *Theory of International Trade*, Cambridge, 1980; P. Krugman & E. Helpman, *Trade Policy and Market Structure*, MIT, 1989; R. Jones & P. Kenen (Eds.), *Handbook of International Economics*, North Holland, 1984; E. Leamer, *Sources of Comparative Advantage: Theories and Evidence*, MIT, 1984; P. Krugman, *Economic Geography*, MIT, 1991; G. Grossman & E. Helpman, *Innovation and Growth in the Global Economy*, MIT, 1991.

Examination Arrangements: At the discretion of the Teacher Responsible, there will be for all students *either* a three hour formal examination in the Summer Term, *or* an extended essay ('a dissertation') to be handed in in early May, *plus* a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but *may* also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2428

Ec1542

(Theory of Optimal Decisions)

Economics of Investment and Finance

Teacher Responsible: Professor L. P. Foldes, Room S182

Course Intended Primarily for M.Sc. Economics. Also (with the teacher's permission only) for B.Sc. (Econ.) and B.Sc. course unit 3rd year.

Core Syllabus: Problems of risk in investment. The emphasis of the course is on probabilistic methods in both theory and applications.

Course Content: The mathematical treatment of risk in investment. Optimal accumulation and selection of assets. Asset pricing. Speculative prices as random processes and as equilibrium variables. Survey of mathematical probability and random processes. Brownian motion, jump processes, conditional expectation, martingales, semimartingales and stochastic integrals, with applications to economic and financial problems.

Pre-Requisites: The course has substantial mathematical content, and although all special techniques are explained a reasonable degree of familiarity with calculus, linear algebra, set theory and especially probability is necessary. Ideally, students should also have a background in economic and financial risk analysis of about the standard of Ec134.

Teaching Arrangements and Examinations: A single course of lectures and classes, called **Economics of Investment and Finance**, may be taken for two distinct examination subjects, namely **Economics of Investment and Finance** at the B.Sc. and **Theory of Optimal Decisions** at the M.Sc. A common examination will (if possible) be set, consisting of a single three-hour paper. Three questions to be answered, one of which may be compulsory and consist of several parts.

Lectures - three hours each week (Ec226), including a class (Ec226a) Sessional.

Written and Class Work: There is no clear-cut distinction between lectures and classes. Students are encouraged to work on problems and to write essays in preparation for the examinations. In the case of M.Sc. Econ. students choosing **Economics of Investment and Finance** as their optional subject, the course teacher will normally also act as Tutor.

Reading List: Main reference on mathematical finance: D. Duffie, *Dynamic Asset Pricing Theory*, Princeton UP. Others: M. Dothan, *Prices in Financial Markets*, OUP; D. Duffie, *Security Markets - Stochastic Models*, Academic Press; A. G. Malliaris & W. A. Brock, *Stochastic Methods in Economics and Finance*, North-Holland; K. J. Arrow & M. Kurz, *Public Investment, the Rate of Return and Optimal Fiscal Policy*, Johns Hopkins Press; J. E. Ingersoll, *Theory of Financial Decision Making*, Rowan & Littlefield.

Financial background: Part I of T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, Addison-Wesley.

Probability background: Elementary text: K. L. Chung, *Elementary Probability with Stochastic Processes*, Springer. More advanced: parts of L. Breiman, *Probability*, Addison-Wesley, or A. Renyi, *Foundations of Probability*, Holden-Day; or G. Grimmett & D. Stirzaker, *Probability and Random*

Processes: Problems and Solutions, OUP.

Martingales and Stochastic Integrals: D. Williams, *Probability and Martingales*, CUP; J. Jacod & A. N. Shiryaev, *Limit Theorems for Stochastic Processes*, Ch. 1, Springer; P. Protter, 'Stochastic Integration without Tears', *Stochastics*, 1986.

Further references will be given as the course proceeds.

Ec2429

Labour Economics

Teacher Responsible: Professor R. Layard, Room R463

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus:

The course deals with two main issues, using up-to-date theory and empirical evidence:

- (i) Unemployment and inflation
- (ii) Labour supply and wage structure.

Course Content:

(i) Unemployment and inflation.

We develop theories and evidence which will explain the post-War experience of OECD countries. The theories allow for non-market-clearing, and examine the role of unions, efficiency wages, unemployment benefits and structural mismatch. They show how demand and supply shocks can drive unemployment from its equilibrium level and how such deviations can persist. They also provide a framework for examining how unemployment can be reduced.

(ii) Labour supply and wage structure.

A central problem in economic policy is how far reducing income inequality will blunt incentives to work and to acquire skills. The course examines the extent to which labour supply is affected by financial incentives. It then shows how the interaction of supply and demand determines the structure of wages. Special attention is also given to theories of screening and firm-specific training.

Pre-Requisites: Intermediate level microeconomics and macroeconomics.

Teaching Arrangements: A weekly two and a half hour session, consisting of 25 lectures (Ec227) and 10 classes, Sessional. Interested students are also welcome to the weekly **Seminar on Economic Performance**, 10 one-hour lectures (Ec251) Michaelmas Term.

Written Work: Students will write 4 short essays during the year.

Reading List: Mainly articles. The first part of the course draws heavily on R. Jackman, R. Layard & S. Nickell, *Unemployment: Macroeconomic Performance and the Labour Market*, OUP, 1991.

The following books will also be useful: O. Ashenfelter & R. Layard (Eds.), *Handbook of Labour Economics*; G. Akerlof & J. Yellen (Eds.), *Efficiency Wage Models of the Labour Market*.

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

Reading List: A reading list will be handed out by the lecturers at the beginning of their sessions.

Examination Arrangements: At the discretion of the Teacher Responsible, there will be for all students

either a three hour formal examination in the Summer Term, *or* an extended essay ('a dissertation') to be handed in in early May, *plus* a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but *may* also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2430

Monetary Economics

Teachers Responsible: Professor C. A. E. Goodhart, Room S74 and Dr. D. Quah, Room S479
Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The course aims to develop the student's ability to undertake research in monetary economics by studying a number of current issues both theoretical and applied.

Course Content: (Professor C. A. E. Goodhart) The role of money in the exchange process. Money as an asset. Demand for, and supply of, money. Banking treated as an industry. The theory of financial intermediation and credit rationing. Determination of interest rates. The theory of monetary policy. Rules versus discretion. Monetary targets.

Course Content: (Dr. D. Quah) Asset pricing and the role of money in simple dynamic general equilibrium models. Topics include the consumption beta approach to asset pricing, the term structure of interest rates. Modigliani-Miller and Ricardian equivalence, excess volatility and asset price bubbles, the Fisher equation, price level bubbles, inflation. Models include utility of money, cash-in-advance, and overlapping generations models.

Pre-Requisites: Intermediate level microeconomics and macroeconomics. Mathematical background to the level of the September courses is assumed.

Teaching Arrangements: 45 hours of lectures (Ec228) and classes are arranged on an ad hoc basis.

Reading List: A reading list will be handed out by the lecturers at the beginning of their sessions.

Examination Arrangements: At the discretion of Teachers Responsible, there will be for all students *either* a three hour formal examination in the Summer Term, *or* an extended essay ('a dissertation') to be handed in in early May, *plus* a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but *may* also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2435

Public Finance

Teachers Responsible: Professor F. Cowell, Room R416B and Dr. J. Leape, Room B715

Course Intended Primarily for M.Sc. in Economics

Core Syllabus: A course in the principles of public economics, covering both normative and positive aspects of the subject. The material covered will include theoretical and empirical studies of taxation and government spending.

Course Content: Theories of the state. Measurement of inequality and poverty. Theory of public goods. Tax evasion. Impact of taxes on household decisions with respect to labour supply, savings and risk taking. Optimum taxation and the design of fiscal policy. Corporate taxation and corporate financial policy. Taxes and investment. General equilibrium models of corporate finance. Taxes and asset markets.

Pre-Requisites: Intermediate level microeconomics.

Teaching Arrangements:

20 Lectures (Ec236) **The Economics of Public Finance** (Professor Cowell and Dr. Leape) Michaelmas and Lent Terms. Classes organised by Dr. Leape.

3 two-hour lectures (Ec238) **Privatisation** (Professor Bös) Lent Term.

Attention is also drawn to LL231 **Issues in Taxation Seminar** (Dr. Leape and Professor Avery Jones) Michaelmas, Lent and Summer Terms, Fortnightly.

Reading List: A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*, McGraw-Hill, 1980; F. Cowell, *Measuring Inequality* (2nd edn.), Harvester Wheatsheaf, 1994; G. Myles, *Public Economics*, Cambridge University Press, 1994; A. Auerbach & M. S. Feldstein (Eds.), *Handbook of Public Economics*, Vols. I and II, North-Holland; M. A. King, *Public Policy and the Corporation*, Chapman and Hall, 1977; D. Bös, *Privatisation: A Theoretical Treatment*, Oxford University Press, 1991.

Examination Arrangements: At the discretion of Teachers Responsible, there will be for all students either a three hour formal examination in the Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2436

The Economics of Industry

Teacher Responsible: Professor J. Sutton, Room R424a

Course Intended Primarily for M.Sc. in Economics; Accounting and Finance.

Core Syllabus: A graduate course in Industrial Organization, which aims to provide students with a working knowledge of current theory, and to develop the applications of that theory in the area of Competition Policy (Anti-trust).

Course Content: Prerequisites in Game Theory, An introduction to current developments in Oligopoly Theory. A formal analysis of conduct in concentrated industries (cartel stability, limit pricing, predatory pricing, etc.), empirical implementation of oligopoly models. Explaining industrial structure: some theoret-

ical and empirical perspectives. economies of scale, etc. R. & D. advertising. Vertical restraints. The theoretical foundations of competition policy (anti-trust). A detailed study of selected cases, drawn from the U.K., the EEC and the U.S. (Class assignments will be based on an analysis of these cases).

Pre-Requisites: A strong background in intermediate level microeconomic theory.

Teaching Arrangements: 20 lectures (Ec240) and 20 classes in the Michaelmas and Lent Terms.

Reading List: Two books which provide a basic framework are J. Tirole, *Theory of Industrial Organization*, MIT Press, 1989 and John Sutton, *Sunk Costs and Market Structure*, MIT Press, 1991. A full reading list will be supplied at the beginning of the course.

Examination Arrangements: At the discretion of Teacher Responsible, there will be for all students either a three hour formal examination in the Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2437

Capital Markets

Teachers Responsible: Professor D. Webb, Room A587 and Dr. M. Bray, Room S476

Course Intended Primarily for M.Sc. in Economics or Econometrics and Mathematical Economics and other students by permission only.

Core Syllabus: The aim of the course is to analyse the behaviour of households and companies in the capital market. The course examine the role of financial markets in channelling funds into corporate investment and in providing incentives and control mechanisms for corporations.

Course Content: A graduate course in the economics of capital markets. Both theoretical and empirical issues are studied, and reference is made to public policy questions. The main topics discussed are: portfolio choice under uncertainty; asset pricing; options; the behaviour of asset markets with and without asymmetric information; rational expectations models, credit rationing, market efficiency and inefficiency, crash episodes, volatility, etc; market microstructure; the Modigliani-Miller theorem; taxation, capital structure and dividend policy; agency and asymmetric information models of finance; investment; mergers and acquisitions.

Pre-Requisites: Students are expected to have a good background in intermediate level microeconomic theory and a knowledge of basic empirical techniques used in economics. A prior knowledge of R. A. Brealey & S. Myers, *Introduction to Corporate Finance* is desirable but not essential.

Teaching Arrangements: 25 lectures (Ec249) and 20 classes (Ec249a) Sessional.

Examination Arrangements: At the discretion of Teachers Responsible, there will be for all students

either a three hour formal examination in the Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2440

The Economics of Less Developed Countries

Teacher Responsible: Dr. C. Scott, Room S375

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: The course provides an advanced treatment of development economics, including theory, evidence and policy.

Course Content: Standard topics in development economics are treated at an advanced level.

(i) selected topics in the economics of rural organisation and agrarian institutions, which may include intra-household resource allocation, collective farms and decollectivisation, the management of local common property resources, informal credit markets and the role of non-governmental organisations in rural development.

(ii) the effects of the external sector on economic development with particular emphasis on the balance of payments, two-gap models, commodity schemes, aid and capital movements. Problems of the external debt, macroeconomic stabilisation and structural adjustment may also be treated.

(iii) models of rural-urban migration and urban labour markets. Extent and nature of the urban informal sector. Policy initiatives in informal urban credit markets.

Pre-Requisites: Intermediate level microeconomics and macroeconomics, a knowledge of standard empirical techniques used in economics, and some practice in applied economics. Prior training in development economics can be an advantage but certainly is not a pre-requisite.

Teaching Arrangements: 40 Lectures (Ec242) Michaelmas and Lent Terms. 10 Classes (Ec244) Michaelmas and Lent Terms. 10 Lectures (Ec251) Michaelmas Term.

The Seminar on the **Economics of Less Developed Countries** (Ec243) relates to the course.

Reading List: Most of the reading is from journal articles which appear on reading lists distributed at the start of each part of the course. However, the following references may serve as an introduction to material included in the syllabus. P. Bardham (Ed.), *The Economic Theory of Agrarian Institutions*, Clarendon, 1989; J. Stiglitz & K. Hoff (Eds.), *The Economics of Rural Organisation*, Johns Hopkins, 1994; R. Findlay, *International Trade and Development Theory*; M. Gersovitz et al, *The Theory and Experience of Economic Development*; J. Thomas, *Informal Economic Activity*. A useful literature review is N. H. Stern, 'The Economics of Development: A Survey', *Economic Journal*, Vol.

99, 1989.

Examination Arrangements: At the discretion of Teacher Responsible, there will be for all students either a three hour formal examination in the Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

Ec2442

Reform of Economic Systems

Teachers Responsible: Dr. S. Gomulka, Room S576 Professor R. Layard, Room R462 and Dr. C. Xu, Room S375

Course Intended Primarily for M.Sc. in Economics.

Core Syllabus: Theory of economic systems and transition economics.

Course Content:

Part A, given by Dr. Gomulka, is concerned mainly with the theory and behaviour of centrally-managed economic systems before and during their transition to market-based systems. It discusses in detail reform strategies, stabilization and privatisation policies, and responses of enterprises and whole economies to reforms.

Part B, given by Dr. Xu, discusses theoretical models of the information, incentive and co-ordination problems in economic institutions in general, and during major systematic reforms in particular. The applied section provides a comparative analysis of China and Eastern Europe.

Part C, given by Dr. Boone.

Part D, given by Professor Layard, considers the Russian economic reform as a case study, and covers in turn: the initial conditions and the pros and cons of 'shock therapy'; liberalisation of the product and foreign exchange markets; macroeconomic and credit policy; and privatisation.

Pre-Requisites: Intermediate level microeconomics and macroeconomics.

Teaching Arrangements: (Ec247)

Part A: 8 two-hour lectures Michaelmas and Lent Terms.

Part B: 10 one-hour lectures Michaelmas Term.

Part C: 5 one-hour lectures Lent Term.

Part D: 5 one-hour lectures Lent Term.

Seminar: **Seminar in Economic Reform** (Ec246) meets weekly, sessional. The seminar's conveners: Dr. S. Gomulka and Dr. C. Xu. The seminar discusses topics related to the course and students are advised to attend.

Written Work: There are no classes, but students are expected to prepare essays for their supervisors.

Reading List: Reading lists of journal papers and other references will be distributed by the four lecturers at the start of the course.

Examination Arrangements: At the discretion of Teachers Responsible, there will be for all students either a three hour formal examination in the

Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

Game Theory for Economists

For information about this course please contact the Economics Department

Economic Inequality

Teachers Responsible: Professor F. A. Cowell, Room R416b and others

Course Intended Primarily for M.Sc. in Economics
Core Syllabus: The aim of the course is to show how economic analysis can be applied to the distribution of income and wealth.

Course Content: Principles of economic justice. Measurement of inequality. Measurement of poverty. Models of the distribution of income and wealth. Theories of the distribution of earnings. Macroeconomics and income distribution.

Pre-Requisites: Intermediate level microeconomics.

Teaching Arrangements:

25 Lectures (Ec258) Sessional. **Seminar on Economic Justice** (Ec259). Classes organised by Professor Cowell in the Lent and Summer Terms.

Reading List: A. B. Atkinson, *The Economics of Inequality*; A. K. Sen, *On Economic Inequality*; F. A. Cowell, *Measuring Inequality*; A. B. Atkinson (Ed.), *Wealth, Income and Inequality*.

Examination Arrangements: At the discretion of Teachers Responsible, there will be for all students either a three hour formal examination in the Summer Term, or an extended essay ('a dissertation') to be handed in in early May, plus a shorter, two hour formal examination in the Summer Term. In the latter case each will count for half of the marks. In both cases the formal exam will consist primarily of essay questions, up to four to be chosen out of ten or more, but may also include a set of shorter, compulsory questions, counting for about a third of the marks.

The Economics of European Integration

Teacher Responsible: Mr. A. Marin, Room S566
Course Intended for M.Sc. in European Studies, Paper 3(e).

Core Syllabus: This course may be taught if there is sufficient demand by those for whom the economic analysis and content of Ec256 are too simple.

The Economic Organisation of the European Community

Teacher Responsible: Mr. A. Marin, Room S566

Course Intended Primarily for M.Sc. in European Studies, Paper 1 and 2(c); M.Sc. in Politics of the World Economy, Paper 2 and 3(d). Available for other M.Sc. students with the consent of the teacher.

Core Syllabus: The course covers various economic aspects of the EC. These include the gains/losses from formation of a common market, the European Monetary System, the Common Agricultural Policy, competition and regional policy, relations with non-members.

Course Content: The course covers various economic aspects of the EC. It examines some areas of current policy concern from the economic viewpoint and also provides an economic analysis of the process of integration of the member states.

Pre-Requisites: Students who have not previously studied economics should also take Ec257 during the Michaelmas Term to acquire the necessary background.

Teaching Arrangements: 20 lectures (Ec255) will be given by Mr. Marin and there will be 15 seminars (Ec256) per group given by students. A mid-year examination is given to help assess students progress (see M.Sc. European Studies description).

Written Work: As well as a seminar presentation, students are expected to do two written essays for the seminar teacher.

Reading List: A detailed reading list will be given out at the beginning of term. Many of the topics are partially covered in D. Swann, *The Economics of the Common Market*; T. Hitiris, *European Community Economics*; A. El Agra (Ed.), *The Economics of the European Community*.

Examination Arrangements: A written 3-hour formal examination in the Summer Term, with three questions to be answered out of ten.

Quantitative Techniques

Teachers Responsible: Dr. J. Hidalgo, Room S580, Dr. J. Lane, Room S575 and Dr. J. Magnus, Room S586

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Core Syllabus: Asymptotic statistical theory, matrix differential calculus, numerical methods.

Teaching Arrangements: 20 lectures (Ec302), 10 classes.

Examination Arrangements: 2-hour written examination in the Summer Term.

Advanced Econometric Theory

Teacher Responsible: Professor P. Robinson, Room S577

Course Intended Primarily for M.Sc. in

Ec2516

Econometrics and Mathematical Economics and M.Sc. in Statistics.

Core Syllabus: Simultaneous equations systems and single equations, identification, estimation, asymptotic behaviour of estimators, hypothesis testing.

Pre-Requisites: Quantitative Techniques (Ec2552).

Teaching Arrangements: 20 lectures (Ec303), 10 classes.

Examination Arrangements: 2-hour written examination in the Summer Term.

Advanced Mathematical Economics

Teacher Responsible: Dr. J. Lane, Room S575

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Core Syllabus: The basic ideas and techniques of recursive analysis in discrete and continuous time frameworks; extensions to include stochastic shocks will also be considered. Applications will include topics such as growth theory, learning by doing, human capital accumulation, competitive equilibria and search theory.

Pre-Requisites: Quantitative Techniques (Ec2552).

Teaching Arrangements: 30 lectures (Ec304).

Examination Arrangements: 2-hour written examination in the Summer Term.

Ec2554

Ec2555

Quantitative Microeconomics

Teachers Responsible: Dr. J. Magnus, Room S586 and Dr. H. Wills, Room S682

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Core Syllabus: This course is concerned with the application of econometric techniques to modelling the behaviour of individual economic agents (households and firms).

Course Content: The lecture course covers a wide range of topics in applied microeconomics with a view to illustrating the interplay between models, data and methods.

Teaching Arrangements: 10 2-hour lectures and 10 1-hour seminars (Ec305) Lent Term. The seminars will cover the same topics as the lectures and aims to introduce students to the best examples of applied microeconomics available in the journals. The students are required to present papers or act as discussants.

Pre-Requisites: A knowledge of econometric theory and applied econometrics corresponding to the undergraduate courses at the LSE. Students must be prepared to read journal articles with a difficult mathematical and statistical content.

Reading List: A. Deaton & J. Muellbauer, *Economics and Consumer Behaviour* (Cambridge) and S. Pudney, *Modelling Individual Choice* (Blackwell) will be used as background material. A list of articles will be given at the beginning of the course. Students will be expected to read one or two journal articles on two-thirds of the topics and to read

more widely on topics where they are presenters or discussants.

Examination Arrangements: There is a two-hour formal examination in the Summer Term. Candidates are required to answer three questions out of eight.

Quantitative Macroeconomics

Teachers Responsible: Dr. D. Quah, Room S479 and Dr. Z. Chen, Room S381

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Core Syllabus: The course highlights the interface between modern macroeconomic theory and empirical work, focussing on a range of methodologies. Four topics in particular will be discussed; panel data dynamics, VAR models; "real" business cycles; stock market rationality; and asset pricing models.

Teaching Arrangements: 20 lectures and 10 seminars (Ec306) in the Michaelmas Term, in which emphasis will be on the connection between economic theory and empirical testing. Students who have written essays will be given an opportunity to present them at this seminar.

Examination Arrangements: 2-hour written examination in the Summer Term.

Ec2556

Ec2557

Topics in Advanced Econometrics

Teachers Responsible: Professor P. Robinson, Room S577, Dr. J. Hidalgo, Room S580 and Dr. J. Magnus, Room S586

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Pre-Requisites: Advanced Econometric Theory (Ec2553) should be taken concurrently.

Teaching Arrangements: Three series of 10 lectures (Ec307) on specialized topics in econometrics are provided. These lectures change from year to year. Presently they include: econometrics of structural change; non-parametric and semi-parametric estimation; misspecification.

Examination Arrangements: 2-hour written examination in the Summer Term.

Topics in Advanced Mathematical Economics

Teacher Responsible: Professor J. Hardman Moore, Room S478

Course Intended Primarily for M.Sc. in Econometrics and Mathematical Economics.

Pre-Requisites: Advanced Mathematical Economics (Ec2554) should be taken concurrently.

Teaching Arrangements: Three series of 10 lectures (Ec308) on specialised topics in mathematical economics are provided. Recent topics include: intertem-

Ec2558

poral economics; the theory of finance; bargaining theory; and search and the foundation of a theory of markets.

Examination Arrangements: 2-hour written examination in the Summer Term.

Department of Economic History

M.Sc. Economic History: Europe, America and Japan

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

I. Three written papers selected with the approval of the candidate's teachers (Prior disclosure examinations may be used provided the candidate takes at least six hours of unseen written papers) as follows:

Paper Number	Paper Title	Course Guide Number
1.	<i>One of the following:</i>	
	(a) Origins of the World Economy, 1450-1750	EH2662
	(b) Perspectives on the Industrial Revolution: A Study in Sources and Historiography	EH2610
	(c) Economic History: Interpretation and Analysis	EH2616
2. & 3.	<i>Two of the following:</i>	
	(a) <i>One or two additional papers under 1 (above)</i>	
	(b) Capital Markets and Economic Development in Great Britain, Germany and the United States since 1870	EH2661
	(c) The World Economic Crisis 1919-1945	EH2657
	(d) Interpreting Modern Business: the USA, Europe and Japan	EH2717
	(e) British Labour History, 1815-1939	EH2700
	(f) Argentinian Economic Development since 1870	EH2715
	(g) The Economic History of the European Community	EH2716
	(h) The Economic Analysis of North American History	EH2611
	(i) History of Economic Thought	Ec2425
	(j) Japanese Economic Development since the Late Nineteenth Century: National and International Perspectives	EH2659
	(k) History of Accounting	Ac2051
	(l) Cobden, Free Trade and Europe, 1846-82	Hy4482

and

II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to one of the candidate's three written papers.

Students not offering Paper 1(d) Economic History: Interpretation and Analysis are required to attend this course in the Michaelmas Term. In exceptional circumstances a candidate may, subject to the approval of his or her teachers, substitute for Paper 1 a third paper taken from the Paper 2 and 3 list.

When one of the listed courses is not taught, and in other exceptional circumstances, students may substitute for one of Papers 2 and 3 another course approved by their teachers.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Report 1 September

Candidates are required to submit a draft report for supervisor's comment by the end of the Summer Term. This is a prerequisite for examination in September.

M.Sc. Economic History: Patterns of Development, Africa, Asia and Latin America**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

I. Three written papers selected with the approval of the candidate's teachers (Prior disclosure examinations may be used provided the candidate takes at least six hours of unseen written examinations) as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	Growth, Poverty and Policy in the Third World since 1850	EH2790
2 & 3.	Two of the following:	
(a)	Origins of the World Economy, 1450-1750	EH2662
(b)	Latin America: Welfare, Equity and Development since 1920	EH2780
(c)	African Economic Development in Historical Perspective	EH2658
(d)	Japanese Economic Development since the Late Nineteenth Century: National and International Perspectives	EH2659
(e)	The World Economic Crisis 1919-1945	EH2657
(f)	Economic History: Interpretation and Analysis	EH2616
(g)	The Economics of Less-Developed Countries and of their Development	Ec2440
(h)	Sociology of Development	So6831

and

II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to paper 1 above.

Students not offering Paper 2 and 3 (e) Interpretation and Analysis are required to attend this course in the Michaelmas Term.

When one of the listed courses is not taught, and in other exceptional circumstances, students may substitute for one of Papers 2 and 3 another course approved by their teachers.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and if on that occasion the examination is failed to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Report 1 September

Candidates are required to submit a draft report for supervisor's comment by the end of the Summer Term. This is a prerequisite for examination in September.

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
EH116	Capital Markets and Economic Development in Great Britain, Germany and the United States since 1870 Dr. W. P. Kennedy	22/MLS	EH2661
EH121	The Origins of the World Economy, 1450-1750 Dr. S. R. Epstein	22/MLS	EH2662
EH128	Economic History: Interpretation and Analysis Dr. P. Johnson and Dr. M. Morgan	10/M	EH2616
EH129	Japanese Economic Development since the Late 19th Century: National and International Perspectives Dr. J. E. Hunter	24/MLS	EH2659
EH130	British Labour History, 1815-1939 Dr. E. H. Hunt	25/MLS	EH2700
EH134	Perspectives on the Industrial Revolution: A Study in Sources and Historiography - Seminar Dr. W. P. Kennedy	23/MLS	EH2610
EH135a	Workshop in Economic History Research Dr. W. P. Kennedy	10/LS	EH135a
EH135b	Third World Economic History Workshop Dr. G. Austin and Dr. J. Hunter	10/LS	EH135b
EH136	The Economic Analysis of North American History - Seminar Dr. M. Morgan and others	20/ML	EH2611
EH137	The Economic History of The European Community Dr. Max Schulze	22/MLS	EH2716
EH142	Argentinian Economic Development Since 1870 - Seminar (Not available 1994-95) Dr. C. M. Lewis	26/MLS	EH2715

Lecture/
Seminar
Number

Lecture/ Seminar Number			Course Guide Number
EH144	Interpreting Modern Business: The USA, Europe and Japan Dr. T. Gourvish	25/MLS	EH2717
EH145	Latin America: Welfare, Equity and Development since 1920 (Not available 1994-95) Dr. C. M. Lewis	24/MLS	EH2780
EH146	Growth, Poverty and Policy in the Third World Since 1850 Dr. G. Austin	25/MLS	EH2790
EH148	The World Economic Crisis, 1919-45 Mr. D. E. Baines	24/MLS	EH2657
EH150	African Economic Development in Historical Perspective Dr. G. Austin	22/MLS	EH2658

Course Guides**Workshop in Economic History Research**

Teacher Responsible: Dr. W. P. Kennedy, Room C314

Course Intended Primarily for M.Sc. Economic History (Option A).

Teaching Arrangements: Weekly seminars usually beginning late in the Michaelmas Term. Details will be announced. The principal objective of the course is to assist students in the preparation of their dissertations. All M.Sc. (Option A) students will precirculate and present a brief outline of their *Report* topic at some point during the Session. Attendance is compulsory.

Third World Economic History Workshop

Teacher Responsible: Dr. G. Austin, Room C319 and Dr. J. Hunter, Room C313

Course Intended for M.Sc. Economic History (Option B) and interested research students.

Teaching Arrangements: Weekly seminars during the Lent and Summer Terms. The principal object of the course is to assist students in the preparation of their dissertations. All M.Sc. (Option B) students will precirculate and present a brief outline of their

Report topic and attendance is a compulsory requirement.

EH135a

EH135b

Perspectives on the Industrial Revolution: A Study in Sources and Historiography

Teacher Responsible: Dr. W. Kennedy, Room C314

Course Intended Primarily for M.Sc. in Economic History, Option A.

Core Syllabus: The course concentrates primarily upon the Industrial Revolution in Britain in the period 1750 to 1850 in the light of subsequent observers' interpretations of it and the growing availability of archive and other historical sources. The course includes a consideration of the general problems encountered in historical research and writing and the ways in which the particular writers whose works are examined in detail have approached these problems. Students are also introduced to the source materials available in London for the writing of British economic history.

Course Content: Among the writers considered are Adam Smith, Malthus, Engels, Toynbee, the Hammonds, Cunningham, Marshall, Clapham and Ashton as well as a number of historians still active. Each writer is assessed with regard to the preoccupations of the time in which he was writing and the historical sources available to him.

Pre-Requisites: A knowledge of British economic history at the level of an introductory university

EH2610

course is an advantage. Those taking this course without this background must be prepared to do additional reading.

Teaching Arrangements: The course is taught in a sequence of twenty-three two-hour seminars (EH134), meeting once a week. Ten seminars are scheduled for each of the Michaelmas and Lent Terms, and the final three seminars are held in the Summer Term. During the sequence each student will be responsible for at least one seminar presentation per term, to last approximately an hour, during which the arguments and evidence of a selected author or authors will be critically examined. An important part of the course consists of visits to the Public Record Office, The House of Lords Record Office, The Midland Bank Archives, the British Library, and the National Registry of Archives.

Reading List: A complete reading list/course outline will be issued at the beginning of the course. The following books provide some indication of the material used during the course.

Adam Smith, *An Inquiry into the Wealth of Nations*; T. R. Malthus, *First Essay on Population*; Friedrich Engels, *The Condition of the Working Class in England*; Arnold Toynbee, *The Industrial Revolution in England*; J. H. Clapham, *The Economic History of Modern Britain*; L. S. Pressnell, *Country Banking in the Industrial Revolution*; N. F. R. Crafts, *British Economic Growth During the Industrial Revolution*; E. A. Wrigley, *Continuity, Chance and Change*.

Examination Arrangements: There is a three-hour formal examination in June.

EH2611

The Economic Analysis of North American History

Teacher Responsible: Dr. Mary Morgan, Room C321 and others

Course Intended Primarily for M.Sc. Economic History - Option A students and interested M.Phil. and Ph.D. students. Other students may take this course as permitted by the regulations for their degrees and with the consent of Dr. Morgan.

Core Syllabus: The course explores the ways in which economic ideas and methods have been used to help understand the history of North America.

Course Content: The course is organised on a topic basis, with subjects chosen from within the overall theme of the growth, development and institutions of the North American economy over the last 200 years. Apart from the usual economic questions of land, labour and capital, the course may also consider economic analysis of more general social and political questions: for example, slavery, and economic Darwinism.

Students will study a variety of approaches, ranging from those of economists contemporary with the events of the nineteenth century (mainly in the first term), to those of the institutionalist school of American economic thought and the modern cliometricians of the 20th century (mainly in the second term).

Pre-Requisites: A first degree with some economics content. No previous study of economic history is

assumed.

Teaching Arrangements: 20 Weekly seminars (EH136) of two hours.

Reading List: Recommended introductory surveys of the development of economic thought, and the economic history of the U.S. and Canada respectively, are given here: D. R. Fusfield, *The Age of the Economist* (1982); A. W. Niemi, *U.S. Economic History* (1987); R. Pomfret, *Economic Development of Canada* (1981).

Students who would like to sample the cliometrics literature prior to the course are directed to

A New Economic View of American History by S. P. Lee and P. Passell (c1979).

Detailed reading lists will be provided for each seminar.

Examination Arrangements: One three-hour formal examination in June.

EH2616

Economic History: Interpretation and Analysis

Teachers Responsible: Dr. Mary Morgan, Room C321 and Dr. Paul Johnson, Room C413

Course compulsory in the Michaelmas Term for all M.Sc. (Economic History) Option A and Option B and Economic History M.Phil. students. (Other students may not attend without consent of course tutor.)

Core Syllabus: The course will examine the ways in which economic and social historians collect, analyse and interpret data.

Course Content: Students will be introduced to the problems of analysing and interpreting historical evidence. In the Michaelmas Term the course will cover a range of measurement problems typical of the practice of economic history. Students will be expected to become conversant with both selected historiographical literature and some simple statistical techniques and inference procedures and will be introduced to the use of computers in historical studies. For those M.Sc. students who wish to take the course for examination, in the Lent and Summer Terms, attention will be focused on the main statistical techniques historians have used to interpret data and to formulate and test hypotheses. Students will also be expected to evaluate the relevance of hypotheses and historical applicability of models drawn from economic and social theory. (Course available Michaelmas Term only 1994/95.)

Pre-Requisites: The introductory stage of the course in the Michaelmas Term, which all new graduate students in the department are required to attend, assumes no previous knowledge of statistics or econometrics. More advanced work is covered in the Lent and Summer Terms. This work is within the capacity of those who successfully complete the introductory work in the Michaelmas Term, although students without prior knowledge of statistics are advised to attend the lecture course Ec121 beginning in October to obtain technical background. Such students should see Dr. Morgan (C321) before the beginning of the Michaelmas Term.

Teaching Arrangements: In the Michaelmas Term there will be weekly seminars of one and a half

hours, plus a two-hour computer workshop each week. In the Lent Term there will be a weekly two-hour computing workshop and a one and a half hour seminar. Optional classes to match the lecture course Ec121 are also available for those with no prior background - see pre-requisites above.

Written Work: Students will be expected to complete weekly assignments: these may be technical, interpretative, data collection or computing.

Reading List: The following books will provide a useful introduction:

Roderick Floud, *Essays in Quantitative Economic History* (1974); Roderick Floud, *An Introduction to Quantitative Methods for Historians* (1979); R. W. Fogel & G. R. Elton, *Which Road to the Past? Two Views of History* (1983); C. H. Lee, *The Quantitative Approach to Economic History* (1977); W. N. Parker, *Economic History and the Modern Economist* (1986).

Examination Arrangements: A 3,000-word technical report to be handed in by the end of the fifth week of the Summer Term, will count for 30% of the final marks. A three-hour examination in June will count for 70%. Copies of an article which students will be asked to comment on in the examination will be made available two working days before the day of examination.

EH2657

The World Economic Crisis, 1919-1945

See EH1737

EH2658

African Economic Development in Historical Perspective

Teacher Responsible: Dr. Gareth Austin, Room C319

Course Intended Primarily for M.Sc. Economic History, Option B. Students taking other taught Master's programmes may take the paper where appropriate.

Core Syllabus: This course attempts to illuminate the present problems of economic development in sub-Saharan Africa by setting them in the context of the economic and social history of the continent. Particular emphasis is given to consideration of which kinds of models are most useful for the analysis of specific economic and political-economic problems in particular periods and contexts in African economic history, and also to placing economic events and behaviour in their social, political, and intellectual context. Selected primary sources (documentary and statistical) are used to illuminate the substantive themes of the course and to introduce students to methodological and source problems.

Course Content: The coverage relates largely, but not exclusively, to twentieth-century events. Discussion of the latter is focused on themes which are considered for the colonial and post-colonial periods together, rather than having separate sections of the course devoted to each. This is intended to highlight the senses in which earlier events do indeed pro-

vide a useful perspective on recent ones, rather than belonging to a detachable (and therefore less clearly relevant) epoch. Pre-colonial topics: The nature and dynamics of market mechanisms. Economic consequences of the external slave trades and of their abolition. The 'backwardness' or 'appropriateness' of African technology.

Twentieth-century topics: Modes of agricultural production; the economics and politics of 'peasant' and settler farming. The changing composition of rural labour forces; including from slavery to wage-labour and share-cropping. Trends in agricultural productivity; population pressure, technology transfer and indigenism change. The formation and development of mines labour forces, and the nature of industrial conflict in the mines. Manufacturing in Africa, constraints and opportunities. Economics of decolonisation. The 'capitalism and apartheid' debate in South Africa. African capitalists, foreign investment and 'over-developed' post-colonial states. Gender and African economic development. The perspective of the history of poverty and inequality. The environment and African economic history. Overview: patterns of development and under-development.

Pre-Requisites: There are no formal pre-requisites but some knowledge of economics or of the history of economic development (not necessarily in the third World) is needed. Prior knowledge of African history or affairs is not necessary.

Teaching Arrangements: Weekly seminars (EH150) with pre-circulated papers.

Written Work: A minimum of three papers during the session.

Reading List: The following provide an introduction: R. Austen, *African Economic History: Internal Development and External Dependency* (1987); J. Iliffe, *The Emergence of African Capitalism* (1983); A. Hopkins, *An Economic History of West Africa* (1973); G. Arrighi, 'Labour Supplies in Historical Perspective: A Study of the Proletarianization of the African Peasantry in Rhodesia' in G. Arrighi & J. Saul, *Essays on the Political Economy of Africa* (1973); R. Bates, *Essays on the Political Economy of Rural Africa* (1983), chs. 3 & 5; P. Nyong'o, 'Import-substitution industrialization in Kenya' in P. Coughlin & G. Ikiara, *Industrialization in Kenya* (1988); P. Richards, *Indigenous Agricultural Revolution: Ecology and Food Production in West Africa* (1985); and the novel by Ngugi Wa Thiong'o, *Petals of Blood* (1977).

Examination Arrangements: Three-hour written paper in June, in which three questions are to be attempted. Two of these will be essays, the third a data-response exercise. Assessed course work will account for 30% of the examination mark; the written examination for the remaining 70%.

EH2659

Japanese Economic Development since the Late 19th Century: National and International Perspectives

Teacher Responsible: Dr. Janet Hunter, Room C313

Course Intended Primarily for M.Sc. in Economic

History, Options A and B. Other students may be allowed to take the course with special permission from the teacher concerned.

Core Syllabus: The course is concerned with analyzing major features of the economic history of Japan over the last century, paying particular attention to the political and social context of economic development and Japan's position in the international economy. The approach will be thematic rather than chronological.

Course Content: Themes explored in the course will include Japan's international economic involvement and commodity trading patterns, including the economic importance of the Japanese empire; the development of the agricultural sector, its contribution to industrial development and the importance of the agricultural population; government involvement in economic activity; the impact of war and military spending; developments in the labour market and the labour movement, and the evolution of labour relations; the evolution of the industrial structure and the role of enterprise groupings; gender issues as a factor in economic growth; debates and theories relevant to Japan's growth, and Japan as a 'model' of economic development.

Pre-Requisites: None other than those required to take the M.Sc. in Economic History.

Teaching Arrangements: Approximately 24 weekly seminars (EH129) of two hours during the Michaelmas, Lent and Summer Terms.

Written Work: Three 3,000 word papers are to be submitted during the course of the Michaelmas and Lent Terms, the third of which will be assessed. Students will also be expected to complete reading assignments and other preparation for the weekly seminars, and submit one book review.

Preliminary Reading List: No single work covers the course adequately, but students will find the following provide a general introduction to all or part of the subject matter of the course; G. C. Allen, *The Japanese Economy* (London, 1981); P. Francks, *Japanese Economic Development in Theory and Practice* (London, 1991); J. E. Hunter, *The Emergence of Modern Japan, an Introductory History Since 1853* (London, 1989); T. Ito, *The Japanese Economy* (London, 1992); E. J. Lincoln, *Japan, Facing Economic Maturity* (Washington D.C., 1988); T. Nakamura, *The Postwar Japanese Economy* (Tokyo, 1981); T. Nakamura, *Economic Growth in Prewar Japan* (New Haven, 1971).

A more detailed bibliography will be provided at the commencement of the course.

Examination Arrangements: One 3,000 word essay to be handed in by the end of the Lent Term will count for 30% of the final marks. The topic of this assessed paper will be one from a list of five possible questions given to students early in the Lent Term. A three-hour unseen examination in June will count for the remaining 70%.

EH2661

Capital Markets and Economic Development in Britain, Germany and the United States since 1870

Teacher Responsible: Dr. W. P. Kennedy, Room C314.

Course Intended Primarily for: M.Sc. in Economic History, Option A; interested M.Phil. and Ph.D. students are welcome.

Core Syllabus: The course will explore in historical perspective the evolving relationships among long-term economic performance, capital formation (broadly defined to include human capital), and the nature of financial intermediation in Britain, Germany and the United States from the later nineteenth century to the present.

Course Content: The course will examine the volume, structure and financing of capital formation in each of the three countries from around 1870 to the present. Particular attention will be focussed on shifts in the structure of investment among industries and between domestic and foreign activities and on the causes and consequences of particularly sharp fluctuations in investment and financial activities. Trends in physical capital formation will be linked to trends in human capital formation. The evolving means by which real capital formation has been financed will be considered and an attempt made to account for and evaluate the consequences of differences in the capital market structure observed among the three countries over time.

Pre-Requisites: There are no formal pre-requisites but some familiarity with economic and financial analysis and, to a lesser degree, with the German language will be an advantage.

Teaching Arrangements: 22 weekly lectures and associated classes. For class meetings, students will be assigned topics to present for discussion. In addition there will be further seminars spaced throughout the year to consider the broad themes of the course in greater detail.

Written Work: One essay, 10-12 pages in length, will be required in each of the Michaelmas and Lent Terms. Additionally, a third, assessed, essay of 5,000-8,000 words will be due at the beginning of the Summer Term.

Reading List: A full reading list/course outline will be distributed at the beginning of the course. The following readings provide some indication of the scope and nature of the materials that will be used. Michael Edelstein, *Overseas Investment in the Age of High Imperialism: The United Kingdom, 1850-1913* (London, 1982); William P. Kennedy, *Industrial Structure, Capital Markets and the Origins of British Economic Decline* (Cambridge, 1987); Alfred D. Chandler, *Scale and Scope: Dynamics of Industrial Capitalism* (Cambridge, MA, 1990); Eugene N. White, 'Before the Glass-Steagall Act: An Analysis of the Investment Banking Activities of National Banks', *Explorations in Economic Activity*, Vol. 23, (January, 1986); Barry Eichengreen, 'The Origins and Nature of the Great Slump Revisited', *Economic History Review*, Vol. 45, (May, 1992); Theodore Balderston, 'The Beginning of the Depression in Germany, 1927-1930: Investment and the Capital Market', *Economic History Review*, Vol. 36, (August, 1983); Benjamin S. Bernanke, 'Nonmonetary Effects of the Financial Crisis in the Propagation of the Great Depression', *American Economic Review*, Vol. 73, (June, 1983); William C. Brainard *et al*, 'The Financial Valuation of the Return to Capital', *Brookings Papers on Economic Activity*, Vol. 2, 1980.

Examination Arrangements: One essay of 5,000-8,000 words due on the first working day of May will

count for 40% of the final assessment. The subject of this assessed essay will be chosen from a list of five possible topics given to students early in the Lent Term. A three-hour unseen examination in June will count for the remaining 60%.

EH2662

The Origins of the World Economy, 1450-1750

See EH1740

EH2700

British Labour History

Teacher Responsible: Dr. E. H. Hunt, Room C315
Course Intended Primarily for M.Sc. Economic History; M.Sc. Industrial Relations; M.A. in Later Modern British History. Other graduate students may attend by permission.

Core Syllabus: The course covers the main aspects of British labour history between 1815 and 1939.

Course Content: The course content is determined mainly by the participants, who select particular aspects of labour history for seminar presentations and discussion. The examination, however, may include questions on any aspect of British labour history between 1815 and 1939.

Pre-Requisites: Most students enrolled for this course will have taken at least one paper in British 19th and 20th century history in their first degree and will have studied economics at some stage.

Teaching Arrangements: Students taking the course attend the seminar **British Labour History, 1815-1939** (EH130). The seminar meets weekly for one and a half hours, in the Michaelmas, Lent and Summer Terms. The usual procedure is a paper by a student or teacher followed by a general discussion. Seminar programmes are available from Dr. Hunt. For times and location of seminar see the posted time-tables.

Written Work: A minimum of 3 papers.

Reading List: The course reading list is in two parts (1815-1914 and 1914-1939) and is deposited in the Library. Copies are available from Dr. Hunt. As in most history courses, students are not expected to read deeply on every part of the syllabus, but to read selectively, concentrating upon topics appropriate to their academic and vocational interests. Thus there is no 'minimal reading list' although items that are likely to be found especially useful are indicated on the course reading list. These indicated items should be found in the Teaching Library as well as in the Main Library. Recommended general and introductory books, of interest to students who want to anticipate the course or to sample its content, include the following. There are also the books that students are most likely to want to buy, although not all are in print. E. H. Phelps Brown, *The Growth of British Industrial Relations*, 1959; A. Bullock, *Life and Times of Ernest Bevin*, Vol. 1, 1960; H. A. Clegg, A. Fox & A. F. Thompson, *British Trade Unions since 1889*, 1964; E. J. Hobsbawm, *Labouring Men*, 1964;

E. H. Hunt, *British Labour History, 1815-1914*, 1981; F. C. Mather, *Chartism*, 1965; A. E. Musson, *British Trade Unions, 1824-75*, 1972; H. M. Pelling, *A History of British Trade Unionism*, 1976; B. C. Roberts, *The Trade Union Congress, 1868-1921*, 1958; E. P. Thompson, *The Making of the English Working Class*, 1963.

Examination Arrangements: A formal, three-hour, written paper, taken in the Summer Term, in which three questions are answered from a wide choice of questions. Entries are classified as pass, fail, or distinction.

EH2715

Argentinian Economic Development Since 1870

(Not available 1994-95)

Teacher Responsible: Dr. Colin M. Lewis, Room C320

Course Intended Primarily for M.A. Area Studies, M.Sc. Economic History - Option A.

Core Syllabus: The course is concerned with factors that have shaped contemporary Argentinian society and economy, notably the determinants of alternating cycles of economic expansion and contraction and of abrupt shifts from periods of relative social harmony to sharp class conflict.

Course Content: Various interpretations of Argentinian growth and development will be explored with reference to concrete themes. Particular attention will be paid to the formulation of government economic policy, specifically early programme of externally-orientated growth, later industrialization strategies and subsequent neo-liberal experiments. The following subjects will be examined: migration, population growth and social differentiation; frontier movement and patterns of agrarian expansion; industry - products, markets and corporate structures; infrastructure and services; national capital, the public sector and inflation; foreign trade and investment. These subjects will be discussed against the background of major external and internal events such as world wars, international economic and financial crises, revolutions and political decomposition.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars (EH142) with pre-circulated papers.

Written Work: Three or four items - class papers and/or presentations - during the session.

Reading List: J. E. Corradi, *The Fitful Republic: Economy, Society and Politics in Argentina*; R. Cortes Conde, *El progreso Argentino, 1880-1914*; C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; C. M. Lewis, *British Railways in Argentina, 1857-1914*; P. Lewis, *The Crisis of Argentine Capitalism*; R. Munck et al., *Argentina: from Anarchism to Peronism*; M. Murmis & J. C. Portantiero (Eds.), *Estudios sobre los orígenes del peronismo*; G. Di Tella & R. Dornbusch (Eds.), *The Political Economy of Argentina, 1946-1983*.

Detailed bibliographies relating to specific themes will be distributed in class.

EH2716

The Economic History of The European Community

Teacher Responsible: Dr. Max Schulze, Room C214

Course Intended Primarily for M.Sc. Economic History and M.Sc. European Studies. Students taking other taught master's programmes may take the paper where appropriate.

Core Syllabus: The course examines the economic development of Western Europe and the process of European integration since 1945. One of its purposes is to test the extensive range of economic and political theory of integration by contrasting it with the detailed historical work on the subject which is now appearing. As well as considering the history of the Community institutions the course also studies the patterns of investment, production, foreign trade, migration, capital movements, technological change and economic growth which encouraged the movement towards integration. It also considers in detail the role of the nation-state as it has evolved in Europe from 1945 onwards and the precise nature of the relationship between the nation-state and international institutions.

Course Content: A survey of the economic and political theory of integration. The effects of World War II on the European economy. The process of reconstruction in Western Europe and the origins and impact of the Marshall Plan. The evolution of the managed economy, of the welfare state, of demand-management, of agricultural protectionism, and of industrial policy as instruments of state-building after 1945. The Great Boom, 1945-1970. The search for economic stability since 1970. The origins and history of the European Coal, Iron and Steel Community. The history of agricultural protection, the origins and development of the Common Agricultural Policy. The history of international commerce and of national commercial policies after 1945. The origins and effects of the Treaty of Rome. International payments systems in Western Europe, the European Payments Union, the restoration of general currency convertibility. Britain's economic and political relationships with the emerging Community. Attempts at a common monetary policy. The evolution of European competition and industrial policies. The extension of the Community and its implications.

Pre-Requisites: A basic knowledge of economics is needed and the ability to read in a West European language other than English, preferably French, German or Italian, would be an advantage.

Teaching Arrangements: Weekly seminars (EH137) with pre-circulated papers.

Written Work: Students will be expected to produce at least three essays.

Reading List: Complete reading guides and a list of seminars will be issued at the beginning of the course.

A. Graham & A. Seldon (Eds.), *Government and Economics in the Postwar World* (London, 1991); A. Boltho (Ed.), *The European Economy, Growth and Crisis* (Oxford, 1982); A. Lamfalussy, *The United Kingdom and the Six: An Essay on Economic Growth in Western Europe* (London, 1963); A. Maddison, *Economic Growth in the West: Comparative Experience in Europe and North America* (New York, 1964); A. S. Milward, *The Reconstruction of Western Europe, 1945-52* (2nd edn., London, 1987); A. S. Milward, *The European Rescue of the Nation State* (London, 1992); A. Schonfield, *Modern Capitalism: The Changing Balance of Public and Private Power* (London, 1965); H. van der Wee, *Prosperity and Upheaval: The World Economy, 1945-1980* (London, 1986);

Examination Arrangements: Three-hour written examination in June.

EH2717

Interpreting Modern Business: The USA, Europe and Japan

Teacher Responsible: Dr. T. Gourvish, B605

Course Intended Primarily for M.Sc. students in Economic History (Syllabus A) and other M.Sc. students.

Other graduate students are welcome.

Core Syllabus: The course is principally concerned with interpretation of post 1945 developments in big business, with particular reference to the experience of the USA, Britain, Germany and Japan.

Course Content: Reasons for the growth of the modern corporation from the late 19th century developments in the USA described by Chandler, but with the principal focus on post-war developments in the major industrial countries. Reasons for the contrasting experience of corporate development in the USA, Britain, Germany and Japan; business and national industrial cultures. The relations of industry and government; antitrust and regulation; interpretation of the mixed economy; nationalisation and privatisation; the implications of multinationals for the modern state and for the international division of labour. Technological determinism and the interaction of modern technology with the corporate economy; the survival of entrepreneurship; the training of professional managers and the development of management hierarchies; industrial structure and strategic management; the growth of internal labour markets and the significance of corporate structures for modern personnel management.

Pre-Requisites: None. A previous acquaintance with any of industrial economics, accountancy, industrial sociology, industrial relations, business history or related subjects will be an advantage.

Teaching Arrangements: 25 two-hour seminars (EH144) meeting weekly, ten each in the Michaelmas and Lent Term, five in the Summer. The teacher and students typically present half-hour papers. In five of the seminars a half-hour paper will be presented by a visiting businessman.

Reading List: A. D. Chandler, *The Visible Hand*; A. D. Chandler, *Scale and Scope*; T. McCraw, *Prophets of Regulation*; A. Shonfield, *Modern Capitalism*; C.

Sabel & M. Piore, *The Second Industrial Divide*; M. Porter, *Competitive Strategy*; R. Locke, *Management and Higher Education since 1940*; I. M. Kirzner, *Discovery and the Capitalist Process*; C. Johnson, *MITI and the Japanese Miracle*; J. A. Kay & M. Bishop, *Does Privatisation Work?*

Examination Arrangements: There is a three-hour final examination at the end of the Summer Term.

EH2780

Latin America: Welfare, Equity and Development since 1920

(Not available 1994-95)

Teacher Responsible: Dr. Colin M. Lewis, Room C320

Course Intended Primarily for M.A. Area Studies. M.Sc. Economic History - Option B.

Core Syllabus: The course examines the history of welfare in Latin America since the First World War. Social insurance, welfare expenditure and related issues such as poverty and equity will be discussed within the context of four cycles of development, namely, the inter-war decades, the Second World War, the long post-war boom, and the recent period of crisis and re-democratization.

Course Content: Focussing upon the political economy of Latin America in the twentieth century, various themes will be explored. These will include the conflict between accumulation and equity, industrialization programmes, the socio-economic imperatives underlying welfare strategies; the role of the military and technocrats; transnational corporations, the growth of the informal sector. Attention will also be given to definitions of welfare and the political frameworks within which development strategy was implemented, namely, authoritarian military rule, liberal *cepalista*, populist and revolutionary socialist. The main emphasis will be on the Argentine, Brazil, Columbia, Cuba and Mexico.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars (EH145) with pre-circulated papers.

Written Work: Between three and four seminar papers or presentations during the session.

Reading List: C. Abel & C. M. Lewis (Eds.), *Welfare, Equity and Development in Latin America*; C. Bergquist, *Labor in Latin America*; J. E. Hahner, *Poverty and Politics: the Urban Poor in Brazil, 1870-1920*; D. C. M. Platt (Ed.), *Social Welfare, 1850-1950: Australia, Argentina and Canada Compared*; C. Mesa Lago, *Social Security in Latin America*; J. Malloy, *The Politics of Social Security in Brazil*; J. Malloy & M. Seligson (Eds.), *Authoritarians and Democrats: Regime Transitions in Latin America*; M. Urrutia, *Winners and Losers in Columbia's Economic Growth of the 1970s*.

Detailed bibliographies relating to specific themes will be distributed in class.

Examination Arrangements: Three-hour written examination, unseen paper, in June. (Assessed course work will account for between 25% and 30% of the total examination mark).

EH2790

Growth, Poverty and Policy in the Third World Since 1850

Teacher Responsible: Dr. Gareth Austin, Room C319 and others

Course Intended Primarily for M.Sc. Economic History - Option B.

Core Syllabus: The course considers the political economy of Africa, Asia and Latin America since the late 19th century, emphasising post-1930 developments. The approach is to relate theoretical debates to specific comparative case studies.

Topics: (a) Theories and concepts of development.

(b) State structures, national political economy and economic performance in selected Third World countries. (c) Comparative historical examination of Third World issues: population growth and economic development; peasant rationality and moral economy; emergence of wage labour; industrialization in the Third World; local entrepreneurs and business culture; state, elites and capital accumulation; economic imperialism and foreign investment; trans-national corporations in the Third World; Land Reform and Green Revolution; Gender and Economic Change; Origins and impact of the international 'debt crisis'; economic growth and the environment.

Pre-Requisites: None.

Teaching Arrangements: 20 weekly seminars during the Session, plus 10 weekly lectures during the Michaelmas Term (EH146). Taught by Dr. Gareth Austin with additional input from Dr. Peter Howlett.

Written Work: Three papers during the session.

Preliminary Reading List: L. G. Reynolds, *Economic Growth in the Third World*; C. Abel & C. M. Lewis, *Latin America, Economic Imperialism and the State*; R. Austen, *African Economic History* (1987); V. Balasubramanyan, *The Economy of India* (1984); B. Warren, *Imperialism: Pioneer of Capitalism* (1980); P. Evans, *Dependent Development* (1979); I. Wallerstein, *The Capitalist World Economy* (1979); M. Todaro, *Economics for a Developing World* (1989); W. Lewis, *Growth and Fluctuations in the International Economy*.

Examination Arrangements: One three-hour written examination in June. Assessed course work will account for 30% of the total examination mark; the written examination accounting for the remaining 70%.

M.Sc. European Studies

Additional Entry Qualifications

Knowledge of at least one European language other than English would be an advantage.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Course Guide Number
I. Three written papers as follows:		
1 & 2.	Two of the following:	
(a)	The Economic Organisation of the European Economic Community	Ec2516
(b)	European History since 1945	Hy4540
(c)	European Institutions III	IR4631
(d)	European Union: Government, Law and Policy	EU8701
3.	One of the following:	
(a)	A paper from 1 & 2 not already taken	
(b)	European Social Policy	SA6645
(c)	The Economic History of the European Community	EH2716
(d)	The International Politics of Western Europe	IR4750
(e)	The Law of European Institutions	LL6049
(f)	European Community Competition Law (with permission of the course teacher)	LL6031
(g)	Europe: Unity and Disunity since the Renaissance	Hy4521
(h)	European Government - two semester-length options: in the first semester one of the following:	
(i)	Government and Politics in Britain	Gv4073
(ii)	Government and Politics in France	Gv4076
(iii)	Government and Politics in Germany	Gv4078
(iv)	Government and Politics in Italy	Gv4081
(v)	Government and Politics in Eastern Europe	Gv4093
	and in the second semester one of the following:	
(vi)	Government and Politics in Scandinavia	Gv4080
(vii)	European Multiparty Systems	Gv4088
(viii)	Comparative Local Government	Gv4162
(ix)	Government and Politics in Ireland	Gv4087
(x)	National and Ethnic Conflict Regulation	Gv4097
(xi)	Socio-Economic Cohesion Policies in the EC	Gv4083
(i)	Any other relevant graduate level paper (with permission of the M.Sc. Coordinator)	
and		
II.	An essay of not more than 10,000 words on an approved topic. In preparation for this, all students on this course will be required to follow the European Research Seminar,	EU410.

Dates of Examination

Written papers January (first semester options) and June
Essay 15 September

Notes:

- (a) availability of course options under 3 is subject to timetabling constraints.
 (b) students should attend *all lectures* for the four subjects 1 & 2 (a), (b), (c) & (d) and for any option chosen under 3 as well as seminars for all courses chosen written examinations.

Lectures and Seminars

Lecture/
Seminar
Number

Course Guide
Number

EU400	The Political Economy of Transition (Lecture) Dr. N. Barr, Dr. K. Goetz, Dr. H. Machin and others	EH8700
EU401	The Political Economy of Transition (Seminar) Dr. N. Barr, Dr. K. Goetz, Dr. H. Machin and others	EU8700
EU402	European Union: Government, Law and Policy (Lecture) Mr. D Chalmers, Dr. R. Leonardi and Dr. H. Machin	EU8701
EU403	European Union: Government, Law and Policy (Seminar) Mr. D Chalmers, Dr. R. Leonardi and Dr. H. Machin	EU8701
EU410	European Research Seminar Dr. H. Machin and others	EU401
EU411	Post-Communist Politics and Policies Seminar Professor D. Lieven, Dr. N. Barr and others	EU411
EU500	European Research Workshop (Seminar) Dr. R. Leonardi and others.	EU500
EU501	Russo-Eurasian Research Seminar Professor D. Lieven and Dr. M. Light	EU501

Course Guides**European Research Seminar**

Teacher Responsible: Dr. H. Machin, Room T301b
Other teachers: Dr. A. Guyomarch, Dr. S. Economides, Professor C. Hill, Dr. S. Mangen, Mr. A. Marin, Professor G. R. Smith.

Course Intended Primarily for all students on "European" M.Sc. courses.

The first section of this course introduces research design and methodology for Masters dissertations.

The second section of this course, open to all graduates and staff interested in contemporary problems of the European Union and its neighbours, draws on visiting speakers from all European states.

Core Syllabus: A detailed syllabus is fixed at the start of each term.

EU410

Course Content: The first section of this seminar series is devoted to aspects of research design and methodology appropriate to the preparation of Masters dissertations.

The second section of this series aims to provide a survey of the results of recent research (usually unpublished) on contemporary problems and policies in the European Community and its member states. Particular attention is given both to current developments within individual states (and especially in those states which are relatively neglected in publications in English) and to relations between the member states of the European Community. Leading scholars from British and other European universities participate in this series.

Teaching Arrangements: Twenty seminars, EU410, (weekly, M & L).

Examination Arrangements: There is no examination for this course.

EU411**Post Communist Politics and Policies**

Teacher Responsible: Professor D. Lieven, Room L202

Other teachers: Dr. N. Barr, Dr. K. Goetz, Dr. M. Light.

Course Intended Primarily for all students on "East European", "Transition" or "Russian" M.Sc. courses. The course, open to all graduates and staff interested in contemporary problems of the former Soviet bloc, draws on visiting speakers from Britain, Russia and elsewhere.

Core Syllabus: A detailed syllabus is fixed at the start of each term.

Teaching Arrangements: Twenty seminars, EU411, (weekly, M, L, S).

Examination Arrangements: There is no examination for this course.

EU500**European Research Workshop**

Teacher Responsible: Dr. R. Leonardi, Room L305
Other teachers: Dr. A. Guyomarch, Dr. S. Economides.

Course Intended Primarily for all students taking research degrees on "European" topics. This course includes some discussion of research design and methodology but its main focus is on research in progress at the School.

Core Syllabus: A detailed syllabus is fixed at the start of each term.

Teaching Arrangements: 10-15 seminars, EU500, (M, L, S).

Examination Arrangements: There is no examination for this course.

EU501**Russo-Eurasian Research Seminar**

Teacher Responsible: Professor D. Lieven, Room L202 and Dr. M. Light, Room A39

Course Intended Primarily for all graduate students taking degrees on "Russian" topics.

This course includes some discussion of research design and methodology but its main focus is on research in progress.

Core Syllabus: A detailed syllabus is fixed at the start of each term.

Teaching Arrangements: 15-20 seminars, EU501, (M, L, S).

Examination Arrangements:

There is no examination for this course.

EU8700**The Political Economy of Transition**

Teachers Responsible: Dr. Nick Barr, Room S578, Dr. Klaus Goetz, Room L101 and others.

Course Intended only for: M.Sc. in The Political

Economy of Transition in Europe, M.Sc. Russian and Post-Soviet Studies.

Core Syllabus: An intensive, high-level, pluri-disciplinary analysis of the economic political and social dynamics of systemic transformation - the triple-role of the state in developing free market economies, building liberal, democratic political structures and constructing efficient and equitable public services. It draws widely on relevant theoretical debates and the experience of welfare states in Western and Northern Europe.

Course Content: Three core elements - economics, governmental institutions, and politics - are studied in parallel. The course also involves a number of interdisciplinary policy case studies. Defining the appropriate dividing line between the market and the state is the main focus of the economics and topics covered include: the inheritance: low (or negative) rates of growth; misallocation; inappropriate skills mix; theoretical discussion of arguments in favour of a market system: how markets bring about efficiency; the nature of economic efficiency; theories of market failure, and implications for state intervention; theories of fiscal collapse: macroeconomic implications of declining output and the fiscal crisis and the incentive effects of taxation. The institutional and political aspects of the course examine the rule of law in theory and practice, electoral systems and parliamentary legislative procedures, administrative structures, accountability and efficiency, party systems and political competition. Policy case studies may include: macroeconomic stabilisation; privatisation (what should be privatised, and how?); the role of regulation in assisting the operation of private markets; education; health care; (areas in which it might be appropriate to have public funding and/or production or a partnership between the state and the private sector).

Pre-Requisites: A background knowledge of the post-1945 history of Eastern Europe is desirable. An ability to read another European language besides English is an advantage.

Teaching Arrangements: Lectures: **Basic Economic Concepts (Ec257)** (first 6 weeks Michaelmas Term). **The Political Economy of Transition (EU400)** 34 (2 per week, MLS, starting week 6 of Michaelmas Term);

Seminars: **The Political Economy of Transition (EU401)** ten (alternate weeks, MLS);

All students are expected to participate in the weekly seminars **Post Communist Politics and Policies (EU411)**, and to follow European Institute Public Lectures.

Essential Preliminary Reading: Julian Le Grand, Carol Propper & Ray Robinson, *The Economics of Social Problems*, 3rd edn., Macmillan, 1992; V. Corbo *et al* (Eds.), *Reforming Central and Eastern European Economies*, Washington DC, 1991; S. Fischer & A. Gelb, 'The Process of Socialist Economic Transformation', *Journal of Economic Perspectives*, Vol. 5. No. 4, Fall 1991; S. Gomulka, 'Causes of Recession Following Stabilization', *Comparative Economic Studies*, Vol. 32, No. 2, 1991; G. R. Smith, *Politics in Western Europe*, 1988; B. Barry, *Sociologists, Economists, and Democracy*; C. Harlow, in McAuslan and McEldowney (Ed.), *Law, Legitimacy, and the Constitution..*

Examination Arrangements: This course is examined by means of a 3-hour written examination (80%) and two essays (maximum 2,500 words each) completed during the session.

EU8701**The EU: Government, Law and Policy**

Teachers Responsible: Mr. Damien Chalmers, Room A354, Dr. Robert Leonardi, Room L305 and Dr. Howard Machin, Room T301B

Core Syllabus: A study of governmental and legal aspects of policy making in the EU, the impact of EU membership on politics, law and policy-making in member states.

Course Content:

Part 1: Government: theories of policy making applied to the EU: policy institutions; policy processes; agenda setting; institutional effects of EU membership on member states. Political representation and electoral competition in the EU.

Part 2: Law: the Treaties and the normative structure of the EU; the role of the Court in the integration and policy processes

Part 3: Policy: Case studies; policy standardisation across member states.

Pre-Requisites: A background knowledge of the history of the European Community is desirable. An ability to read another European language besides English is an advantage.

Teaching Arrangements:

Lectures: **The EU: Government, Law and Policy (EU402)** twenty-two (weekly, MLS);

Seminars: **The EU: Government, Law and Policy (EU403)** twenty-two (weekly, MLS);

All students are expected to participate in the **European Research Seminar (EU410)**, and to follow European Institute Public Lectures.

Essential Preliminary Reading: C. Archer & F. Butler, *The European Community, Structure & Process*, Pinter, 1992; S. George, *Politics and Policy in the European Community* (2nd edn.), Macmillan, 1990; A. S. Milward, *The European Rescue of the Nation-State*, Routledge, 1992; A. Sbragia (Ed.), *Euro-Politics*, Brookings Inst., 1992; J. Shaw, *European Community Law*, Macmillan, 1993; EU Treaties (1994 edn., including Maastricht).

Examination Arrangements: One three-hour, written examination in June. One question must be answered from each of the three sections: Government, Law and Policy.

M.Sc. The Political Economy of Transition in Europe**Entry qualifications**

Knowledge of at least one European language other than English would be an advantage.

Duration of Course of Study

Full-time: 12 months. *Part-time:* 24 months.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Three papers as follows:	
1	The Political Economy of Transition	EU8700
2.	One of the following:	
(a)	Reform of Economic Systems (with permission of course teacher)	Ec2442
(b)	Labour Market Analysis	Id4224
(c)	Health Economics	SA6666
(d)	Both: Government and Politics in Eastern Europe (1st semester) and one of the following 2nd semester options:	Gv4093
(i)	National and Ethnic Conflict Regulation	Gv4096
(ii)	The Politics of Regulation and Public Enterprise	Gv4176
(iii)	Comparative Local Government	Gv4162
(e)	The EU: Government, Law and Policy	EU8701
3.	One of the following:	
(a)	A paper from 2 not already taken	
(b)	The Economic Organisation of the European Community	Ec2516
(c)	European Social Policy	SA6645
(d)	Foundations of Health Policies	SA6661

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
(e)	Comparative Industrial Relations	Id4201
(f)	Soviet and Post-Soviet Foreign Policy	IR4651
(g)	Both: Systems Analysis (half unit)	IS8307
and:	Strategic Aspects of Information Technology (half unit)	IS8322
(h)	Any other relevant graduate level paper (with the permission of the M.Sc. Coordinator)	

and

II An Essay of not more than 10,000 words on an approved topic. In preparation for this, all students on this course will be required to follow: Qualitative Research Methods MI421 or Quantitative Analysis in Social Research (i) MI411 or (ii) MI412

Dates of Examination

Written papers January (Government and Politics in Eastern Europe) and June
Essay 15 September.

Note: Availability of course options under 2 and 3 is subject to timetabling constraints.

M.Sc. Russian and Post-Soviet Studies**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I	Three papers as follows:	
1	Government and Politics in Russia	Gv4092
2	The Nationalities Problem in Northern Eurasia	Gv4112
3	Two papers from the following	
(a)	Soviet and Post-Soviet Foreign Policy	IR4651
(b)	The Political Economy of Transition	EU8700
(c)	The Family and Children in Russia (not available in 1994-95)	Gv4113
(d)	The Establishment of Communism in Central Europe (not available 1945-95)	Hy4530
(e)	Government and Politics in Eastern Europe	Gv4093
(f)	Russia and the West: from Enlightenment to Revolution (not available in 1994-95)	Hy4529

and

II An Essay of not more than 10,000 words on an approved topic. In preparation for this, all students on this course will be required to follow: Russo-Eurasian Research Seminar EU501 and Qualitative Research Methods MI4221

Dates of Examination

Written papers: Papers 1, 2 and 3(e): January.
Other papers: January.
Mini-thesis: 15 September

M.Sc. Gender**Duration of Course of Study**

Full-time: Twelve months. *Part-time:* Twenty-four months.

Examination

I Students are required to be examined on three written papers. Students specialising in Gender Relations will be required to take paper 1(a). Students specialising in Gender and Development will be required to take papers 1 (a) and 1(b). Paper 1(a) will be examined by a three hour unseen written examination (60% of total marks) and two essays to be written during the course (40% of total marks). Paper 1(b) will be examined by an unseen three hour written examination. All other papers will be examined by the departments concerned. Students taking papers 2 and 3(h) or (i) will be required to take one other half unit course to make up a full unit.

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	One or two of the following:	
(a)	Gender Theories in the Modern World: An interdisciplinary approach	GI8600
(b)	Development: Theory, History and Policy	Dv8500
2&3.	One or two of the following:	
(c)	The Sociology of Women	So6883
(d)	Women and International Relations	IR4648
(e)	Gender, Space and Society	Gy2833
(f)	Feminist Political Theory: Approaches and Concepts	Gv4022
(g)	Gender, Development and Social Planning	SA6766
(h)	The Psychology of Gender (half unit)	Ps6428
(i)	Comparative Social Policies for Ageing Populations (half unit)	SA6767
(j)	Women, Development and Institutions	Dv8506
(k)	(With the consent of the candidate's teachers, the agreement of the Department concerned and subject to timetabling constraints), any other papers offered at M.Sc. or M.A. level	

and

II. A Dissertation of not more than 10,000 words on a topic approved by the candidate's supervisor

Part time students may, with the approval of the School take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining papers and will be taken in the final years of the course. Candidates who fail may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination. (The new rubric for students who fail is awaited from Senate House but it is understood that any change will be at the discretion of the Board of Examiners.)

Dates of Examinations

Written papers	June, except papers 2 and 3(i) which will be examined in February, and with the proviso that papers substituted from other courses will be taken at the same time as they are taken by other candidates)
Dissertation	15 September

Title of Degree

The student's specialism will be reflected in the title of the degree.

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/Seminar Number	Course Guide Number
GI100	GI8600
Gender Theories in the Modern World: An Interdisciplinary Approach	
Professor D. R. Diamond and Dr. S. S. Duncan	

Course Guide

GI8600

Gender Theories in the Modern World: An Interdisciplinary Approach

Teachers Responsible: Professor D. R. Diamond, Room S506 (Michaelmas Term) and Dr. S. S. Duncan, Room S414 (Lent and Summer Terms)
Course Intended Primarily for M.Sc. Gender.

Core Syllabus: Considers theories of gender from a range of disciplinary perspectives and uses of analysis of gender relations as a basis for research and the development of theories of gender.

Course Content:

Michaelmas Term: Theories and explanatory frameworks; gender and the body; anthropology and gender; models of gender and their contextual adequacy; feminism and postmodernism; women and national reproduction; women, citizenship and ethnic processes.

Lent Term: Gender roles, stereotyping and psychological constructions of gender: aetiology and impact; gender and psychology; representations of

women in the mass media; gender perspectives and development; gender and economics; gender in political theory; scientific knowledge and gender relations.

Teaching Arrangements: 22 x 2 hour seminars and 22 x 1 hour project discussion, Sessional (GI100).

Reading List: No single book covers the whole course. The following are useful basic reading: M. Barrett & A. Phillips, *Destabilising Theory: Contemporary Feminist Debates* (1992); J. Brannes & G. Wilson, *Give and Take in Families* (1987); L. Brydon & S. Chant, *Women in the Third World: Gender Issues in Rural and Urban Areas* (1993 reprinted edition); S. Harding, *The Science Question in Feminism* (1986); K. Mackinnon, *Towards a Feminist Theory of the State* (1989); S. Moller Okin, *Justice, Gender and the Family* (1990); H. Moore, *Feminism and Anthropology* (1988); C. Ramanazoglu, *Feminism and the Contradictions of Oppression* (1989); S. Walby, *Theorising Patriarchy* (1990); S. Walby, *Patriarchy at Work* (1986). Other reading will be assigned by individual teachers.

Examination Arrangements: One three hour written examination (60%) and two essays, each of not more than 3,000 words (40%).

Department of Geography**M.Sc. Geography****Duration of Course of Study***Full-time:* One calendar year. *Part-time:* Two calendar years.**Examination**

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Geographical Methodologies and Research Techniques and a report of not more than 10,000 words on an approved topic.	Gy2802
and		
II.	Three written papers selected with the approval of the departmental M.Sc. tutor from the following:	
(a)	Environmental Planning: National and Local Level Policy and Implementation	Gy2822
(b)	Hazard and Risk Management	Gy2832
(c)	Geography of International Energy Resources Management	Gy2836
(d)	Third World Urbanisation	Gy2830
(e)	Gender, Space and Society	Gy2833
(f)	European Housing Systems	Gy2834
(g)	European Economic Development Management	MN8405
(h)	Managing Economic Development	MN8404
(i)	Regional Development and Regional Planning	Gy2826
(j)	Cartographic Communication	Gy2828
(j)	Any other subject of comparable range in the field of Geography, or one related thereto, approved by the candidate's teachers	
(k)	A subject offered for an M.Sc. in a related discipline (with the approval of the department and of the teachers concerned)	

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper, the report and Geographical Methodologies and Research Techniques; it will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	5 September

This section is in two parts. The first part lists the lectures and seminars given by the Department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/Seminar Number</i>		<i>Course Guide Number</i>
Gy400	Geographical Methodologies and Research Techniques Dr. A. C. Pratt	10/ML Gy2802
Gy406	Geographical Project Seminar Dr. A. C. Pratt	15/MLS Gy2802
Gy407	Geographical Research Seminar Dr. A. C. Pratt	19/ML Gy2802
Gy412	Environmental Planning: National and Local Policy Implementation Dr. Y. Rydin	15/ML Gy2822
Gy414	Third World Urbanisation Dr. S. Chant	15/ML Gy2830
Gy415	Cartographic Communication Dr. C. Board	24/MLS Gy2828
Gy416	European Housing Systems (Not available 1994-95) Dr. S. S. Duncan, Dr. M. Kleinman, Dr. A. Power and Dr. J. Barlow	20/ML Gy2834
Gy417	Gender, Space and Society Dr. S. Chant and Dr. S. S. Duncan	20/ML Gy2833
Gy420	Hazard and Risk Management Professor D. K. C. Jones	15/ML Gy2832
Gy422	Geography of International Energy Resources Professor P. Odell and Dr. I. Rowlands	20/ML Gy2836
Gy451	Environment and Space in Regional and Urban Planning - Seminar Dr. N. A. Spence	18/MLS Gy2860
Mn110	European Economic Development Management Professor, R. J. Bennett, Dr. F. E. I. Hamilton, Dr. A. C. Pratt and others (See page 784)	Mn8404
Mn111	Managing Economic Development Professor R. J. Bennett, Dr. F. E. I. Hamilton and Dr. A. C. Pratt (See page 784)	Mn8405

Course Guides**Gy407****Geographical Research Seminar****Teachers Responsible:** Dr. A. C. Pratt, Room S506B**Course Intended Primarily** for M.Sc. and Ph.D. Geography; M.Sc. and Ph.D. Regional and Urban Planning Studies.**Core Syllabus:** Presentations by speakers normally from outside the Department on aspects of their own research.**Teaching Arrangements:** 19 1½ hour seminars (Gy407) in the Michaelmas and Lent Terms.**Examination Arrangements:** This course is non-examinable.**Gy2802****Geographical Methodologies and Research Techniques****Teacher Responsible:** Dr. A. C. Pratt, Room S506B**Course Intended Primarily** for M.Sc. Geography students and M.Phil. Geography students in their first year of registration.**Core Syllabus:** Philosophy, theory and method in human geography; an exploration of alternative perspectives and their implications for geographical research practice.**Course Content:** The course will comprise three elements: (a) Philosophy & Methodology in Human Geography the study of geographical concepts and alternative theoretical approaches; (b) Research Design and Structure: alternative models of the research process in geography making use of case-study material; (c) Information Management: the use of information technology to manipulate information and to present it geographically; the use of Geographical Information Systems.**Teaching Arrangements:**

Ten two-hour seminars (Gy400) in the Michaelmas and Lent Terms (alternate weeks).

Further independent study in methodology and techniques as directed by the teacher responsible in preparation for writing the M.Sc. essay paper. Students are required to carry out directed reading in preparation for seminars. All M.Sc. students in geography are expected to attend Gy407 which is not examinable. All M.Phil. students are expected to attend both Gy406 and Gy407 which are not examinable.

Gy406 Geographical Project Seminar 15 x 2 hours Michaelmas Term, Lent Term and Summer Term.**Gy407 Geographical Research Seminar** 19 x 2 hours Michaelmas and Lent Terms.**Reading List:** P. Cloke, C. Philo & D. Sadler, *Approaching Human Geography*, 1991; J. Eyles (Ed.), *Research in Human Geography*, 1988; R. Johnston, *Philosophy and Human Geography*, 1986; R. Johnston, D. Gregory & D. Smith (Eds.), *Dictionary of Human Geography* (3rd edition), 1993; E. Kane, *Doing Your Own Research*, 1985; D. Massey & R. Meegan, *Politics and Method*, 1985; R.Peet & N. Thrift (Eds.), *New Models in Human Geography*, (Vols. 1 & 2), 1989; E. Phillips & D. Pugh, *How To Get A PhD*, 1987.**Examination Arrangements:** M.Sc. and M.Phil. candidates prepare a paper of 1,500 words for the end of March: For M.Sc. candidates this counts as 25% of the long essay; For M.Phil. candidates this paper contributes to the end of first year review.**Gy2822****Environmental Planning: National and Local Level Policy Implementation****Teacher Responsible:** Dr. Y. J. Rydin, Room S413**Course Intended Primarily** for students taking M.Sc. (Geography), M.Sc. in Urban and Regional Planning Studies, M.Sc. Management Studies and M.Sc. Development Studies. Other suitably qualified and interested graduate students may take or audit the course with the permission of the teacher responsible.**Core Syllabus:** Analysis of the policy process and policy instruments of environmental management together with examination of environmental management practice in relation to selected policy issues.**Course Content:** The course has two major components: (a) analysis of the main policy instruments available in environmental management, from a theoretical and practical viewpoint; (b) consideration of environmental management in practice in selected areas including urban planning, wildlife conservation, waste management, energy production and consumption, and other topics of concern to the seminar group.**Pre-Requisites:** None. A knowledge of elementary economic and political theory would be an advantage but is not essential.**Teaching Arrangements:** 20 lectures (Gy311) Michaelmas Term and 15 seminars (Gy412) (1.1/2 hours duration) Michaelmas and Lent Term. M.Sc. Regional and Urban Planning and M.Sc. Management Studies students will attend the lectures together with 5 seminars (Gy451 and Gy412 respectively) in Michaelmas Term.**Written Work:** Students are expected to prepare 1/2 seminar papers.**Reading List:** No single book or even a small group of books covers the material adequately. Reading lists are provided for the lecture course and for each seminar topic. Basic reading material includes: G. Bennett, *Dilemmas*, 1992; D. Pearce *et al*, *Blueprints I, II & III*, 1991 & 1994; WCED, *Our Common Future*, 1987; J. McCormick, *British Politics and the Environment*, 1991; Y. Rydin, *The British Planning System*, 1993.**Examination Arrangements:** There is a three-hour formal examination paper. In addition, there is a course essay of 3,000 words maximum, on a topic to be set by the teacher to be submitted by the first Friday of the Summer Term. The course essay will account for 25% of the final marks, the formal examination for 75%. M.Sc. Urban and Regional Planning Studies and M.Sc. Management Studies have other examination arrangements.**Gy2828****Cartographic Communication****Teacher Responsible:** Dr. C. Board, Room S410**Course Intended Primarily** for M.Sc. Geography and M.Phil./PhD. students.**Core Syllabus:** The course embraces both the theoretical and abstract aspects of communicating geographical information through the medium of maps.**Course Content:** The process of communicating geographical information by means of maps. The map designer's perception of the real world; map design for particular purposes; how information is obtained from maps. Evaluating the quantity and quality of information derived from maps. Assessing performance in map use. The extent to which computers can assist in map design and production.**Pre-Requisites:** Candidates whose first degree courses did not include the treatment of analytic map design in relation to map use will be required to attend selected parts of Mapping and Geographical Information Systems (GIS): Policy and Performance (Gy1952) lectures, classes and practical classes as directed by the teacher responsible for the course.**Teaching Arrangements:** 24 weekly seminars (Gy415) 2 hours Sessional. Topics for discussion include recently published papers; outlines of research projects; reports on research given by visiting experts; critical reviews of prototypes, proof copies and newly published maps and atlases. Practical experience in computer-assisted map production and the evaluation of mapping packages. Visits to map producing agencies are arranged during the course.**Written Work:** Each member is expected to write at least one paper a year on a topic covered by the syllabus. Those following Gy1952 above will naturally complete the course work for that course. M.Sc. candidates opting to follow this course for paper 3 will be given regular essays by the teacher responsible, who will provide further reading.**Reading List:** J. S. Keates, *Understanding Maps*, Longman; A. H. Robinson & B. Petchenik, *The Nature of Maps*, Chicago; L. Guelke (Ed.), *Maps in Modern Geography*, Toronto; D. R. F. Taylor (Ed.), *Graphic Communication and Design in Contemporary Cartography*, Wiley; C. Board (Ed.), 'New Insights in Cartographic Communication', *Cartographica*, Volume 21, No.1, Toronto; M. S. Monmonier, *Technological Transition in Cartography*, Madison, Wisconsin, D. R. F. Taylor (Ed.), *The Computer in Contemporary Cartography*, Wiley; D. R. F. Taylor, (Ed.), *Geographic Information Systems The Microcomputer in Modern Cartography*, Pergamon Press, 1991.**Examination Arrangements:** One essay type paper with three from a choice of nine unseen questions. These may include questions on specific maps which will be made available for the examination in question. Credit will be given for computer-assisted map production completed as part of the course. A coursework project limited to a maximum of 1,500 words: a justified outline of a design for a map with a specified purpose.**Gy2830****Third World Urbanisation****Teachers Responsible:** Dr. S. H. Chant, Room S506A and Mr. J. Barton, Room S565**Course Intended Primarily** for students taking the M.Sc. (Geography) and the M.Sc. Development Studies. Other suitably qualified and interested graduate students may take or audit the course with the permission of the teacher responsible.**Core Syllabus:** The course focuses on the social and economic consequences of urbanisation in Third World countries paying particular attention to problems of urban poverty, especially in the fields of shelter, work and welfare. The course attempts to combine a spectrum of macro- and micro-level perspectives on urban privation by examining both the responses of the state and low-income households to scarce resources. The applicability of various theoretical approaches will be explored in the context of extensive case-study analysis particularly in seminars - see below.**Course Content:** Population growth and distribution; Urban Development; Migration and migrant adaptation; Shelter; Employment and income; Household structure and household survival strategies; Nutrition, health and education; Urban social planning; 'top-down' and 'bottom-up' initiatives. Urban economic planning; Urban environmental issues; Cultural aspects of urbanisation; Counterurbanisation.**Pre-Requisites:** None, although an elementary knowledge of Third World development issues would be an advantage.**Teaching Arrangements:** Lectures (Gy225) 12 lectures (2 per week) commencing Week 4 in the Michaelmas Term.

Seminars (Gy414) 15 Michaelmas and Lent Terms. (Weekly commencing Week 5 of the Michaelmas Term).

Written Work: One essay per term (ML) and seminar presentations.**Reading List:** No single book or small group of books covers the material adequately. Separate reading lists will be provided for each lecture/seminar. Nevertheless, basic reading material includes: T. Allen & A. Thomas, *Poverty and Development in the 1990s*, 1992; L. Brydon & S. Chant, *Women in the Third World: Gender Issues in Rural and Urban Areas*, 1993 (reprinted edn.); S. Chant (Ed.), *Gender and Migration in Developing Countries*, 1992; S. & L. Deshpande, *Problems of Urbanisation and Growth of Large Cities in Developing Countries*, 1991; N. Devas & C. Rakodi (Eds.), *Managing Fast Growing Cities*, 1993; D. Drakakis-Smith, *The Third World City*, 1987; A. Gilbert & J. Gugler, *Cities, Poverty and Development*, 1992; J. Hardoy & D. Satterthwaite, *Squatter Citizen*, 1989; N. Harris (Ed.), *Cities in the 1990s: The Challenge for Developing Countries*, 1992; A. King, *Urbanism, Colonialism and the World Economy*, 1990; A. King, *Culture, Globalisation and the World System*, 1991; S. P. Johnson, *World Population and the United Nations: Challenge and Response*, 1987; R. Potter, *Urbanisation in the Third World*, 1992; G. Rodgers (Ed.), *Urban Poverty and the Labour Market*, 1989; G. Standing & V. Tokman (Eds.), *Towards Social Adjustment: Labour Market Issues in Structural Adjustment*, 1991.**Examination Arrangements:** One extended essay, (3,000 words) to be handed in at beginning of Summer Term; 3-hour examination paper at end of academic year (3 questions out of 9). Course essay (30% of marks); examination (70%).

Gy2832**Hazard and Risk Management**

Teacher Responsible: Professor D. K. C. Jones, Room S405

Course Intended Primarily for M.Sc. Geography

Core Syllabus: An examination of the varied dimensions of hazard and risk with particular, but not exclusive, emphasis on environmental hazards, focusing especially on contemporary debates regarding significance, underlying causes and optimal management approaches.

Course Content: The nature of hazard, risk and disaster. The risk archipelago. Available adjustments to risk. Risk perception and risk communication. Prognostication, Emergency Action, relief, rehabilitation and reconstruction. The Deterministic, Behavioural and Structural paradigms. Risk Benefit Analysis. Risk Management objectives and debates.

Pre-Requisites: Candidates whose first degree did not include a course on hazard management will be required to attend the first two-thirds of **Hazard and Disaster Management** (Gy1969).

Teaching Arrangements: 15 x 1.1/2 hour seminars. Students may be expected to audit the lectures from Gy1969 (Gy324).

Reading List: E. A. Bryant, *Natural Hazards*, 1991; F. C. Cuny, *Disasters and Development*, 1983; M. Douglas & A. Wildavsky, *Risk and Culture*, 1982; H. D. Foster, *Disaster Planning*, 1979; J. Handmer & E. C. Penning-Rowsell, *Hazards and the Communication of Risk*, 1990; K. Hewitt, *Interpretations of Calamity*, 1983; A. Kirby, *Nothing to Fear*, 1990; R. Palm, *Natural Hazards: An Integrative Framework for Research and Planning*, 1990; Royal Society, *Risk: Analysis, Perception and Management*, 1992; K. Smith, *Environmental Hazards*, 1992.

Examination Arrangements: There will be a three hour formal unseen examination requiring three answers from a choice of nine (75%) together with a course work essay of no more than 3000 words (25%).

Gy2833**Gender, Space and Society**

Teachers Responsible: Dr. S. Chant Room, S506A and Dr. S. S. Duncan, Room S414

Course Intended Primarily for M.Sc. (Geography), M.Sc. Development Studies and M.Sc. Gender

Core Syllabus: An analysis of the geography of gender inequality in the advanced capitalist countries and in the developing world. The course focuses on the variability of gender roles and relations and their socio-spatial implications in different geographical contexts.

Course Content

Michaelmas Term:

Gender roles and relations and Third World development. Production and reproduction; households, families and fertility; housing, health and urban services; segregation, segmentation and the formal sector; the informal sector, gender and migration: gender and development policy

Lent Term:

Gender inequality in advanced capitalist countries; forms of gender inequality in W. Europe, the welfare state and gender contracts; theorising differences in patriarchy; patriarchy as a regional process; gender relations in city, suburb and rural areas; sexuality, male violence, city structure, lone mothers, paid work and gendered contexts.

Teaching Arrangements:

Seminars: 10 x 1 hour sessions (Gy417) in Michaelmas Term and Lent Term (alternate weeks starting week 1).

Lectures as appropriate from Gy1970 (Gy308) (weekly Michaelmas and Lent Term).

Individual essay meetings Michaelmas Term and Lent Term.

Written Work: Students will be expected to produce one essay per term and also make seminar presentations.

Reading List:

No single book covers the whole course. The following are useful basic reading:

Michaelmas Term: H. Afshar (Ed.), *Women, Development and Survival in the Third World*, 1991; L. Brydon & S. Chant, *Women in the Third World*, 1993 (reprinted edn.); D. Elson (Ed.), *Male Bias in the Development Process*, 1991; J. Momsen & J. Townsend (Eds.), *Geography of Gender in the Third World*, 1987; H. Moore, *Feminism and Anthropology*, 1988; L. Østergaard (Ed.), *Gender and Development: A Practical Guide*, 1992; H. Pietilä & J. Vickers, *Making Women Matter: The Role of the UN*, 1990; T. Wallace & C. March (Eds.), *Changing Perceptions: Writings on Gender and Development*, 1991; J. Cleves-Mosse, *Half the World, Half a Chance: An Introduction to Gender and Development*, 1993.

Lent Term: S. Duncan (Ed.), *The Diverse Worlds of European Patriarchy* Vols. 6 and 7 of *Environment and Planning A*, 1991; J. Hamner et al., *Women, Policing and Male Violence*, 1989; M. Hardy & G. Crow (Eds.), *Lone Parenthood*, 1991; J. Lewis (Ed.), *Women and Social Policies in Europe*, 1992; P. Norris, *Politics and Sexual Equality: The Comparative Position of Women in Western Democracies*, 1987; S. Walby, *Theorising Patriarchy*, 1986.

Examination Arrangements: One essay, 4,000 words (50% marks). One 3-hour unseen, 3 questions out of 9 (50% marks).

Gy2834**European Housing Systems**

(Not available 1994-95)

Teacher Responsible: Dr. S. S. Duncan, Room S414, Dr. M. Kleinman, Dr. A. Power and Dr. J. Barlow (Policy Studies Institute)

Course Intended Primarily for M.Sc. Geography, other M.Sc. courses as appropriate e.g. European Social Policy, Sociology.

Core Syllabus: The comparative analysis of housing provision, housing policy and housing problems in Europe. The course focuses on alternative ways in which housing is produced and consumed, comparative advantages and disadvantages, and policy devel-

opment at the level of individual countries and the EC.

Course Content:

Term 1

States and markets in W. Europe; the comparative efficiency of alternative systems of housing provision; construction, land and finance.

Term 2

Policy mixes in W. Europe; owner-occupation and social renting; privatisation in E. & W. Europe; housing management; housing and gender.

Teaching Arrangements: 20 x 2-hour seminars (Gy416) over Michaelmas Term and Lent Term. Students will be expected to make presentations. Individual project meetings

Reading List: General texts include:

M. Ball et al, *Housing and Social Change in Europe and the USA* (1988); J. Barlow & S. S. Duncan, *Markets, States and Housing Provision: European growth regions compared* (1992); Boelhouwer & Neidjen, *Housing Systems in Europe Part I: Housing Policy* (1992);

P. Dickens, S. S. Duncan, M. Goodwin & F. Gray, *Housing, States and Localities* (1985);

R. Forest, A. Murie & P. Williams, *Home-Ownership: differentiation and fragmentation* (1985); J. Kemeny, *Housing and Social Theory* (1991); M. P. Kleinman, *Policy responses to changing housing markets: towards a European Housing Policy* (1992); L. Lundqvist, *Dislodging the Welfare State: Housing and Privatisation in four European Nations* (1991); Papa, *Housing Systems in Europe Part 2: Housing Finance* (1992); C. Pooley (Ed.), *Housing Strategies in Europe 1880-1930* (1992); A. Power, *Hovels to Highrise - State Housing in Europe from 1850* (1993); B. Turner et al, *The Reform of Housing in E Europe and the Soviet Union* (1992).

Examination Arrangements:

One 5,000 word essay (50% marks)

One 3-hour unseen, 3 questions out of 9. (50% marks)

Gy2836**Geography of International Energy Resources**

Teachers Responsible: Professor P. Odell and Dr. I. Rowlands, Room C801

Course Intended Primarily for students taking the M.Sc. Geography. Other suitably qualified and interested graduate students may take this course as permitted by the regulations for their degrees and with the permission of the teachers responsible.

Core Syllabus: Analysis of the key issues involved in the exploitation of energy resources and their use. The assessment of decision-making and policy formulation at the levels of companies, governments and international organisations.

Course Content: A continuing and, generally, an expanding supply of energy at affordable prices is an essential input to the process of economic development, to the security of nations and to the well-being of their populations. Access to energy supplies is thus a strategic issue which influences the economic and political relations between have and have-not

nations. It also explains the creation of international energy institutions (such as international oil companies) with objectives of maximising returns from energy resource exploitation and of organisations and alliances (such as OPEC and the IEA) which seek to achieve guaranteed supplies.

Additionally, however, geological and other natural phenomena constitute supply-side opportunities or limitations, while environmental considerations are playing an increasingly important role in energy production and use developments and decisions. Moreover, evolving knowledge and improving technology change the significance of these physical components over time so that energy resource and use issues become even more highly dynamic.

In this course of lectures and seminars an attempt will be made both to expose and to synthesise these multifaceted characteristics of the political and economic geography of international energy resources; and to show how they have changed over time, particularly over the period since the end of the Second World War.

Pre-Requisites: None. A knowledge of the geography of natural resources would be an advantage but not essential.

Teaching Arrangements: There will be a course of 10 lectures (IR187), commencing in week 1 of the Michaelmas Term. There will then be weekly seminars (Gy422) for which individual students or students working in small groups will prepare short papers for discussion followed by 2 concluding lectures. The lectures are common with students taking IR 4644.

Reading List: The following basic reading material will be found helpful: John G. Clark, *The Political Economy of World Energy*, Harvester/Wheatsheaf, 1990; Congress of the U.S. Office of Technology Assessment, *Fueling Development; Energy Technologies for Developing Countries*, U.S. Govt. Printing office, Washington D.C., 1992; J. Davis, *Blue Gold: The Political Economy of Natural Gas*, Allen and Unwin, 1984; R. L. Gordon, *World Coal: Economics, Policies and Prospects*, CUP, 1987; P. R. Odell, *Oil and World Power*, Eighth Edition, Penguin, 1986; J. Rees, *Natural Resources: Allocation, Economics and Policy*, 2nd edn., Routledge, 1990; L. Schipper & S. Meyers, *Energy Efficiency and Human Activity*, C.U.P. 1992; L. Turner, *Oil Companies in the International System*, 3rd edn., Allen and Unwin, 1983; World Energy Council, *Energy for Tomorrow's World*, Kogan Page, London, 1993.

Examination Arrangements: One three-hour unseen examination held in June.

Gy2860**Geographical Aspects of Regional and Urban Planning**

Teacher Responsible: Dr. N. A. Spence, Room S564

Course Intended Primarily for M.Sc. Regional & Urban Planning Studies.

Core Syllabus: The contribution of geographical analysis to issues in urban and regional planning.

Course Content: The application of locational and spatial concepts to problems of urban and regional planning and development; land use location theory, urban and regional spatial structure, national settlement systems; public policy impact assessment and environmental issues associated with urban and regional change.

Teaching Arrangements: The course has two main components. Seminars: 18 seminars in the Michaelmas Lent and Summer Terms, **Environment and Space in Regional and Urban Planning** (Gy451). Lectures: 20 lectures in the Michaelmas Term, **The Environmental Policy Process: National and Local Level** (Gy311) and 20 lectures in Michaelmas and Lent Term, **Regional Economic Analysis** (Gy452).

Reading List: Detailed reading lists related to the different components of the course will be issued. E. J. Malecki, *Technology and Economic Development*;

P. Townroe & R. Martin, *Regional Development in the 1990s*; D. R. Diamond & N. A. Spence, *Regional Policy Evaluation*; A. J. Fielding, *Counterurbanisation in W. Europe*; K. Chapman & D. Walker, *Industrial Location: Principles and Politics*; D. Massey, *Spatial Divisions of Labour*; H. Armstrong & J. Taylor, *Regional Economic Policy and its Analysis*; K. J. Button & D. Pearce, *Improving the Urban Environment*.

Examination Arrangements: There is a three-hour formal examination in June based on the entire syllabus. Normally candidates will answer three questions from a choice of nine. Copies of previous years' papers are available for consultation. In addition candidates are required to show competence in the use of quantitative methods employed in regional economic analysis by submitting two small projects set in the course (Gy452).

Department of Government

M.Sc. Comparative Politics

Duration of Course of Study

Full-time: One Calendar year. *Part-time:* Two Calendar years.

Examination

Paper Number	Paper Title	Course Guide Number
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Students will be examined in five courses by means of a two-hour unseen paper in each course (with the exception of (c) below). In addition students must take a prescribed skills course, in which they will be expected to complete a number of exercises before being allowed to sit their final examination. The latter is a short dissertation

1 & 2	At least <i>two</i> of the following, one of which must be (a) 1st semester	
(a)	States, Democracy and Democratization	Gv4058
(b)	Nations and Nationalism	Gv4059
(c)	Public Choice and Public Policy I: Introductory	Gv4177
	2nd semester	
(d)	Politics and Policy in Developing Countries	Gv4063
3, 4 & 5	<i>Two or three</i> of the following	
(e)	One or two papers from 1 & 2 not already taken	
	1st semester	
(f)	Government and Politics in the USA	Gv4172
(g)	Government and Politics in Russia	Gv4092
(h)	Government and Politics in Eastern Europe	Gv4093
(i)	Government and Politics in India	Gv4094
(j)	The Politics of South-East Asian Development	Dv8503
	2nd semester	
(k)	Politics and Economic Policy in Spanish America	Gv4095
(l)	Democracy and Reform in South-East Asian Development (students must take <i>either</i> (d) <i>or</i> (k) with the course)	Dv8504
(m)	National and Ethnic Conflict Regulation	Gv4096
(n)	Religion and Politics	Gv4098
(o)	One or two (and not more than two) of the following courses available in the European Politics M.Sc.	
(1)	Government and Politics in Britain	Gv4073
(2)	Government and Politics in France	Gv4076
(3)	Government and Politics in Germany	Gv4078
(4)	Government and Politics in Ireland	Gv4087
(5)	Government and Politics in Scandinavia	Gv4080
(6)	Government and Politics in Italy	Gv4081
(7)	Political Change in Modern Britain <i>or</i> Constitutional Issues in Britain (students must take (o) 1 with either of these courses)	Gv4074 Gv4075
(8)	Public Policy in France (students must take (o) 2 with this course)	Gv4077
(9)	Public Policy in Germany (students must take (o) 3 with this course)	Gv4079

Paper Number	Paper Title	Course Guide Number
	(10) European Multi-Party Systems	Gv4088
(p)	Public Policy in the USA	Gv4173
(q)	Public Choice and Public Policy II: Advanced Topics (students must take (c) with this course)	Gv4178
(r)	An approved semester-length course taught either in the Government Department or another Department	
6	All students must submit a dissertation of not more than 10,000 words written on an approved topic during the course of study, subject to the general guidelines issued on M.Sc. dissertations in the Department of Government	

Students from any other M.Sc. programme in the School who wish to take any of the above semester-length courses are welcome to do so. If such students are taking non-semesterised courses special rules apply. They must *either* take two of the above mentioned courses (a)-(r) *or* in addition to fulfilling the obligations of a one semester course they must submit an additional 5,000 word word-processed essay on an agreed question set by the relevant course proprietor.

Dates of Examination

Written papers	First semester courses in January; Second semester courses in June
Essay	15 September

M.Sc. European Politics and Policy

Duration of Course of Study

Full-time: One Calendar year. Part-time: Two Calendar years.

The Programme consists of (i) five taught courses, each one semester long †, leading to written examination papers in January (first semester courses) and June: (ii) a 10,000 word dissertation, submitted in September, prepared by the Skills Course, which is taken by all students.

Examination

Paper Number	Paper Title	Course Guide Number
1 & 2	Core Courses: Every student will take 1st semester European Politics: Comparative Analysis 2nd semester European Policy: Comparative Analysis	Gv4085 Gv4086
3 & 4	Country or area options: 2 courses from: 1st semester	
(a)	Government and Politics in Britain*	Gv4073
(b)	Government and Politics in Eastern Europe*	Gv4093
(c)	Government and Politics in France*	Gv4076
(d)	Government and Politics in Germany*	Gv4078
(e)	Government and Politics in Italy*	Gv4081
(f)	EC Politics and Policy*	Gv4084
	2nd semester	
(g)	Government and Politics in Scandinavia	Gv4080
(h)	Government and Politics in Ireland	Gv4087
(i)	Either	

Paper Number	Paper Title	Course Guide Number
	Political Change in Modern Britain (P) <i>or</i> Constitutional Issues in Britain (P)	Gv4074 Gv4075
(j)	Public Policy in France (P)	Gv4077
(k)	Public Policy in Germany (P)	Gv4079

Notes: (i) one must be a country/area with which the student is not familiar by previous study or experience; (ii) one must be taken in the first semester

5	Comparative/policy option: one course from: 1st semester	
(a)	Another course from 3&4 (a) to (f)	
(b)	European Social Policy † 2nd semester	SA6645
(c)	Comparative Local Government	Gv4162
(d)	European Multi-Party Systems	Gv4088
(e)	Politics of Regulation and Public Enterprise (not available 1994-95)	Gv4176
(f)	International Politics of Western Europe †	IR4750
(g)	National and Ethnic Conflict Regulation	Gv4096
(h)	Socio-economic Cohesion Policies in the EC (P)	Gv4083
(i)	Religion and Politics	Gv4098
6	Every student will take the Skills Course and write a 10,000 word dissertation on an approved topic submitted in September	Gv4199

Notes:

(P) Students are only admitted to this course if they have taken a recognised prerequisite study (the relevant course teacher will advise on the precise requirements).

*Students from any other Master's programme in the School who would like to take the semester-length courses marked with an asterisk above are welcome to do so. However, any such candidate will normally be required to take an additional element consisting of a 5,000 word essay to be submitted by 1 July, in order to count the course as equivalent to a full Master's unit.

† Unlike all the others listed here these are essentially year-long (not semester length) courses. For the purposes of this degree they will however only count as a single semester unit. In choosing these courses students should bear in mind that they will be taking on an extra load.

Outside Option: any student may, with the approval of his/her supervisor take a relevant semester option available in another M.Sc. in place of course 5.

Dates of Examination

Written papers	First semester courses in January; second semester courses in June
Essay	15 September

M.Sc. Political Theory

Duration of Course of Study

Full-time: One Calendar year. Part-time: Two Calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
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I Five semester-long courses chosen from the following (no more than three in any one semester)

First Semester Courses

(a)	Greek Political Theory: Thought and Action in Plato's Political Theory	Gv4008
(b)	Methods and Controversies in the History of Political Thought: the Continental Tradition	Gv4019
(c)	The Theory of Positive Freedom	Gv4020
(d)	Twentieth Century Political Thought: Expectations of Political Philosophy, Maximal and Minimal	Gv4021
(e)	Feminist Political Theory: Approaches and Concepts	Gv4022
(f)	Contemporary Disputes about Justice	Gv4023
(g)	The Realignment of Political Ideas in Modern Britain: Politics, Political Ideas and the Relations Between Them	Gv4024
(h)	Political Legitimacy: Explanatory Theories	Gv4030
(i)	Language, Rhetoric and Politics: The Study of Rhetoric and its Relation to Politics	Gv4031

Second Semester Courses

(j)	Greek Political Theory: Thought and Action in Aristotle's Political Theory	Gv4009
(k)	Methods and Controversies in the History of Political Thought: the Anglo-American Tradition (Pb)	Gv4032
(l)	The Ethical Status of the State and Other Associations	Gv4033
(m)	Twentieth Century Political Thought: Philosophy as a Blueprint for Civil Living (Pd)	Gv4034
(n)	Feminist Political Theory: Issues	Gv4035
(o)	Political Philosophy and the Future	Gv4036
(p)	The Realignment of Political Ideas in Modern Britain: Realignment - Markets, Property, Nationalism and Citizenship (Pg)	Gv4037
(q)	Language, Rhetoric and Politics: Theories of Political Discourse and Propaganda.	Gv4038
II	A 10,000 word dissertation, counting as one quarter of the final mark. The dissertation topic must be approved by the candidates's supervisor.	Gv4039
III	Attendance at and contribution to a political theory symposium, meeting three times per semester, leading to pass/fail evaluation.	

Note: (P) signifies that the course is only open to students who have already taken the specified pre-requisite.

Candidates may, with the approval of their supervisor, take a relevant one semester course offered by any other M.Sc., M.A. or LL.M. in the School as a substitute for a one semester course offered on the Political Theory M.Sc.

Students from any other M.Sc. programme in the School who wish to take any of the above semester-length courses are welcome to do so. If such students are taking non-semesterised courses special rules apply. They must *either* take two of the above semester-length courses *or* one semester-length course *and* an additional 5000 word essay on a topic agreed by the relevant course proprietor.

Dates of Examination

Written papers	First semester courses in January; Second semester courses in June
Dissertation	1 September

M.Sc. Public Administration and Public Policy**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
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I. Students will be examined in five courses as follows, by means of a two-hour paper in each course, except for Paper 4 and 5 (e) and (f), which will count as two courses and will be examined by means of a three-hour paper.

1,2&3.	Three of the following	
(a)	Introduction to Comparative Public Administration*	Gv4166
(b)	Public Choice and Public Policy I - Introduction	Gv4177
(c)	Public Management Theory and Doctrine*	Gv4167
(d)	The European Community: Politics and Policy	Gv4084
4.&5.	Two of the following:	
(a)	A course from 1, 2 and 3 above not already taken	
(b)	Comparative Local Government*	Gv4162
(c)	The Politics of Regulation and Public Enterprise* (not available 1994-95)	Gv4176
(d)	Administration and Government in New and Emergent States*	Gv4122
(e)	Administration in Regional and Urban Planning (counts as two courses)	Gv4164
(f)	European Social Policy (counts as two courses)	SA6645
(g)	Politics in the USA	Gv4172
(h)	Public Policy in the USA	Gv4173
(i)	Socio-Economic Cohesion Politics in the EC (please note that the European Community: Politics and Policy ((i) above) is a pre-requisite for admission to this course)	Gv4083
(j)	Public Choice and Public Policy II - Advanced Topics	Gv4178

II. Research Methods (Gv253) (Gv215) (As a condition for admission to the degree, students who do not have an adequate background in quantitative analysis will be required to take Quantitative Analysis I within Gv253 (to be assessed by an in-class examination and a take-home examination), and all students will be required to take additional prescribed classes)

III. An essay of not more than 10,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisors, substitute for up to three courses under I above courses taught at the universities of Leuven, Rotterdam/Leiden and the Hochschule für Verwaltungswissenschaften Speyer, covering comparable material and examined in comparable ways.

***Note:** Students from any other Master's programme in the School who would like to take the semester-length courses marked with an asterisk above are welcome to do so. However, any such candidate will normally be required to take an additional element consisting of a 5,000 word essay to be submitted by 1 July, in order to count the course as equivalent to a full Master's unit.

Candidates may, subject to the approval of their supervisor, substitute for up to two of the written papers listed under 4 and 5 above any other paper which is offered for the M.Sc., LL.M. or M.A., which involves at least 20 weeks of an integrated teaching programme and which counts as one quarter (or one full unit) of the complete M.Sc. degree programme in which it is offered. Where a candidate already has a substantial background in policy or administrative analysis (or in other exceptional circumstances), he or she may be allowed, subject to the supervisor's approval, to substitute for one of the papers under 1, 2 and 3 above a paper from 4 and 5, or from the M.Sc. in Social Policy and Planning or from any of the courses offered for the M.Sc. in Politics. Any paper so substituted shall be taken at the time when it is normally taken by other candidates.

The results of the examination in each year are considered and published as a whole, on completion of the examinations for that year.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of up to four papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written Papers:	January (for papers 1, 2 and 3 (a), (b), (c) and (d) and paper 4 and 5(g))
	June (all other papers, except that substituted papers from other courses will be taken at the same time as they are taken by other candidates)
Compulsory Skills programme exercises	to be completed by March
Essay	1 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
Gv400	Research Methods Dr. C. Schonhardt-Bailey	20/ML Gv400

Lecture/ Seminar Number			Course Guide Number
Gv405	Political Theory Symposium Mr. J. Charvet, Professor K. Minogue and Dr. R. Orr	9/MLS	Gv405
Gv406	The Theory of Positive Freedom Mr. J. Charvet	12/ML	Gv4020
Gv407	The Ethical Status of the State and Other Associations Mr. J. Charvet	12/LS	Gv4033
Gv408	Contemporary Disputes about Justice Professor G. Dworkin	12/ML	Gv4023
Gv409	Political Philosophy and the Future Mr. M. Matravers	12/LS	Gv4036
Gv410	Feminist Political Theory: Approaches and Concepts Dr. D. Bubeck	12/ML	Gv4022
Gv411	Feminist Political Theory: Issues Dr. D. Bubeck	12/LS	Gv4035
Gv412	Methods and Controversies in the History of Political Thought: the Continental Tradition Professor K. Minogue and Dr. R. Orr	12/ML	Gv4019
Gv413	Methods and Controversies in the History of Political Thought: the Anglo-American Tradition Professor K. Minogue and Dr. R. Orr	12/ML	Gv4032
Gv414	Greek Political Theory: Thought and Action in Plato's Political Theory Mr. R. Bentley	12/ML	Gv4008
Gv415	Greek Political Theory: Thought and Action in Aristotle's Political Theory Mr. R. Bentley	12/LS	Gv4009
Gv416	Political Legitimacy: Explanatory Theories Dr. R. Barker	12/ML	Gv4030
Gv417	The Realignment of Political Ideas in Modern Britain: Principal Themes in Modern British Political Thought Dr. R. Barker	12/ML	Gv4024
Gv418	The Realignment of Political Ideas in Modern Britain: Realignments - Markets, Property, Nationalism and Citizenship Dr. R. Barker	12/LS	Gv4037

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Gv419	Twentieth Century Political Thought: Expectations of Political Philosophy: Maximal and Minimal Dr. R. Orr	12/ML	Gv4021
Gv420	Twentieth Century Political Thought: Philosophy as a Blueprint for Civil Living Dr. R. Orr	12/LS	Gv4034
Gv421	Language, Rhetoric and Politics: The Study of Rhetoric and its Relation to Politics Professor K. Minogue	12/ML	Gv4031
Gv422	Language, Rhetoric and Politics: Theories of Political Discourse and Propaganda Professor K. Minogue	12/LS	Gv4038
Gv423	Policies, Institutions and Alignments: The History of British Politics in the 20th Century Mr. J. Barnes and Mr. A. Beattie	25/MLS	Gv4027
Gv430	States, Democracy and Democratisation Dr. B. O'Leary and Dr. G. Philip	12/ML	Gv4058
Gv431	Nations and Nationalism Dr. B. O'Leary	12/ML	Gv4059
Gv433	Government and Politics of Russia Professor D. C. B. Lieven	12/ML	Gv4092
Gv434	The Nationalities Problem in Northern Eurasia Professor D. C. B. Lieven	12/LS	Gv4112
Gv435	Politics and Policy in Developing Countries Dr. G. Philip	12/LS	Gv4063
Gv436	National and Ethnic Conflict Regulation Dr. B. O'Leary	12/LS	Gv4096
Gv437	Politics and Economic Policy in Spanish America Dr. G. Philip	12/LS	
Gv438	Religion and Politics Mr. J. Madeley	12/LS	Gv4098
Gv439	Government and Politics in Eastern Europe To be announced	12/ML	Gv4093
Gv440	Government and Politics in India To be announced	12/ML	Gv4094

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Gv450	European Politics: Comparative Analysis Mr. J. Madeley, Mr. J. Barnes, Mr. A. Beattie, Dr. K. Goetz, Dr. A. Guyomarch, Dr. R. Leonardi, Dr. H. Machin and Professor G. Smith	12/ML	Gv4085
Gv451	European Policy: Comparative Analysis Mr. J. Madeley, Mr. J. Barnes, Mr. A. Beattie, Dr. K. Goetz, Dr. A. Guyomarch, Dr. R. Leonardi, Dr. H. Machin and Professor G. Smith	12/LS	Gv4086
Gv452	European Community Politics and Policy Dr. R. Leonardi	12/ML	Gv4084
Gv453	Socio-economic Cohesion Policies in the EC Dr. R. Leonardi	12/LS	Gv4083
Gv454	European Multi-Party Systems Professor G. Smith	12/LS	Gv4088
Gv455	Government and Politics in France Dr. A. Guyomarch	12/ML	Gv4076
Gv456	Public Policy in France Dr. A. Guyomarch	12/LS	Gv4077
Gv457	Government and Politics in Italy Dr. R. Leonardi	12/ML	Gv4081
Gv458	Government and Politics in Germany Dr. K. Goetz	12/ML	G4078
Gv459	Public Policy in Germany Dr. K. Goetz	12/LS	Gv4079
Gv460	Government and Politics in Britain Mr. A. Beattie	12/ML	Gv4073
Gv461	Political Change in Modern Britain Mr. J. Barnes	12/LS	Gv4074
Gv462	Constitutional Issues in Britain (Not available 1994-95) Mr. A. Beattie	12/LS	Gv4075
Gv463	Government and Politics in Scandinavia Mr. J. Madeley	12/LS	Gv4080
Gv464	Government and Politics in Ireland Dr. B. O'Leary	12/LS	Gv4087

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Gv480	Introduction to Comparative Public Administration 11/ML - lecture Professor G. W. Jones and others		Gv3028; Gv4166
Gv481	Public Choice and Public Policy I - Introductory 12/ML Professor P. Dunleavy and Dr. K. Dowding		Gv4177
Gv482	Public Choice and Public Policy II - Advanced Topics 12/LS Professor P. Dunleavy and Dr. K. Dowding		Gv4178
Gv483	Administrative Theories 11/ML Professor C. Hood		Gv4167
Gv484	Government and Politics in the USA 12/ML Dr. C. Schonhardt-Bailey		Gv4172
Gv485	Public Policy in the USA 12/LS Dr. C. Schonhardt-Bailey		Gv4173
Gv486	The Politics of Public Enterprise and Regulation 12/LS <i>(Not available 1994-95)</i> Professor D. Heald and Professor C. Hood		Gv4176
Gv487	Urban and Regional Planning: Politics and Administration - Seminar 22/MLS Professor P. Dunleavy, Dr. M. Hebbert and Dr. R. Leonard		Gv4162; Gv4164
Gv488	The Politics of Public Enterprise and Regulation - Seminar 12/LS <i>(Not available 1994-95)</i> Professor D. Heald and Professor C. Hood		Gv4176
Gv489	Public Administration - Seminar 12/ML To be announced		Gv4167
Gv490	The Review and Evaluation of Government Programmes 10/M Professor J. Bourn		Gv4166
Gv492	Urban and Regional Planning: Politics and Administration 10/M Dr. M. Hebbert		Gv4164
Gv493	Aspects of Comparative Local Government - Lecture 10/LS Professor G W Jones		Gv4162; Gv4164

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
Gv494	Aspects of Comparative Local Government - Seminar 12/LS Professor G. W. Jones		Gv4162; Gv4164
Gv495	Urban Politics 10/L Professor P. Dunleavy and Dr. K. Dowding		Gv4162; Gv4164
Gv496	Government and Administration in New and Emergent States 12/LS Mr. P. Dawson		Gv4122
Gv497	Government and Administration in New and Emergent States - Seminar 12/LS Mr. P. Dawson		Gv4122
Gv498	Themes in Policy Analysis 10/L <i>(Not available 1994-95)</i> Professor R. Worcester		
Gv499	Public Administration - Seminar 12/ML Professor G. W. Jones		Gv4166
Gv500	Doctoral Programme Seminar 22/MLS To be announced		Gv500

Course Guides**Skills Program**

Teacher Responsible: Dr. C. Schonhardt-Bailey, Room L105

Other staff participants: Dr. B. O'Leary, Mr. J. Madeley, Professor G. W. Jones, Ms. H. Margetts, Mr. C. O'Muirheartaigh and Dr. G. Gaskell

Course Intended Primarily for Students on M.Sc. Comparative Politics, M.Sc. Public Administration and Public Policy, M.Sc. European Politics and Policy and new Research Students in Government.

Core Syllabus: This course provides a full grounding in the research skills needed for modern high level policy-making, or for undertaking political science research at doctoral level.

Course Content: The course is designed to equip students to be able to find all the resources they need to undertake their dissertation; to give students a good introduction to quantitative methods; and to acquaint them with the strengths and limits of different qualitative methods. The course has three main components:

1. **Research Skills.** The opening weeks introduce students to skills needed in their particular MSc course, and then to a range of library and research tools, such as databases and bibliographic systems. Also covered are presentational and writing skills. At the end of these weeks, students move on to:

2. **Quantitative Methods.** Students who have no previous experience of statistics and data analysis should take course **Mi411: Quantitative Analysis in Social Research I** taught in the Methodology Institute (see course description in the section on 'M.Phil./Ph.D. Programmes of Study'). This course covers the basic theory and concepts associated with quantitative social research: sampling, research designs, survey research, descriptive statistics, hypothesis testing and bivariate data analysis. Students will use SYSTAT (statistical package) to explore and manipulate data, and must complete exercises. Students who have already studied statistics and data analysis to a good level should take **Mi412: Quantitative Analysis in Social Research II** also taught in the Methodology Institute (see course description in the 'MPhil/PhD Programmes of Study'). Again students must complete exercises and project work at a more advanced level, including multiple regression and loglinear modelling. All students must take one or other of these quantitative courses. Which one would be most appropriate for you should be discussed with your supervisor and Dr. Schonhardt-Bailey.

3. **Qualitative Methods.** Students attend the first part of the Methodology Institute seminars **Mi421 Qualitative Research Methods** which discusses the principles and assumptions, the applications and analysis and the strengths and weaknesses of qualitative methodologies in the social sciences.

Pre-Requisites: All students not already familiar with IBM PCs should register on the Computer Services induction course early in the Michaelmas Term and complete the session on 'Introduction to PC's' and, probably, also WordPerfect and Windows. **Teaching Arrangements:** Core teaching for this

Gv400

paper is run in shorter modules, details of which can be obtained from Dr. Schonhardt-Bailey at the start of the year.

Reading List: J. F. Healey, *Statistics: A Tool for Social Research*, 3rd edn.; E. R. Tufté, *Data Analysis for Politics and Policy*; A. Strauss, *Qualitative Analysis for Social Scientists*; R. Tesch, *Qualitative Research: Analysis Types and Software Tools*.

Examination Arrangements: For students of M.Sc. Comparative Politics, M.Sc. Public Administration and Public Policy and M.Sc. European Politics and Policy, successful completion of a two-part examination (in-class and take-home) covering quantitative methods is required for entry to their main degree examinations.

Gv405

The Political Theory Symposium

Teachers Responsible: Mr. J. Charvet, Room K207, Professor K. Minogue, Room E306 and Dr. R. Orr, Room L101

Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: The nature of political theorizing
Course Content: The course will examine and compare the variety of approaches to the study of political theory and political philosophy

Pre-Requisites: None.

Teaching Arrangements: Gv405 three times per semester. The course is compulsory for all students on M.Sc. Political Theory.

Examination Arrangements: Students will be evaluated Pass/Fail based on class presentations and contributions to discussion.

Gv498

Themes in Policy Analysis

(Not available 1994-95)

Teacher Responsible: Professor R. Worcester

Course Intended Primarily for students interested in problems of contemporary policy analysis, especially M.Sc. in Public Administration and Public Policy.

Teaching Arrangements: Ten seminars, Lent Term.

Examination Arrangements: None.

Gv4008

Greek Political Theory: Thought and Action in Plato's Political Theory

Teacher Responsible: Mr. R. Bentley

Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: The course will be concerned with the following themes: the trial and death of Socrates, Socratic method, the Sophists, Platonic epistemology, nature and convention, the idea of *techné*, attitudes to education, punishment, freedom, virtue, rationality, friendship, law, justice and equality.

Course Content: The course is intended to explore, both historically and analytically, the above themes in order to establish the relationship between thought and action in Plato's philosophy.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv414).

Written Work: Students are expected to write two essays.

Reading List: The texts to be discussed will be: Plato, *Apology of Socrates, Crito, Protagoras, Gorgias, Republic, (Timaeus, Laws)*. An extensive supplementary reading list of critical studies will be handed out at the beginning of the semester.

Examination Arrangements: The examination will take place in January and will consist of a formal and unseen two hour paper comprising around twelve questions, two of which the student will be required to answer.

Gv4009

Greek Political Theory: Thought and Action in Aristotle's Political Theory

Teacher Responsible: Mr. R. Bentley

Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: The course will be concerned with the following themes: Aristotle's teleology (in relation to that of Plato), *eudaimonia* (human happiness and well-being), the virtues, universal and particular justice, friendship, political engagement in relation to philosophical contemplation, attitudes to education, punishment, law, freedom, rationality, merit and equality, and Aristotelian epistemology.

Course Content: The course is intended to explore, both historically and analytically, the above themes in order to establish the relationship between thought and action in Aristotle's philosophy.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv415).

Written Work: Students are expected to write two essays.

Reading List: The texts to be discussed will be: Aristotle, *Nicomachean Ethics and Politics*, with reference to the *De Anima*, and some of the logical and rhetorical works. An extensive supplementary reading list of critical studies will be handed out at the beginning of the semester.

Examination Arrangements: The examination will take place in June and will consist of a formal and unseen two hour paper comprising around twelve questions, two of which the student will be required to answer.

Gv4019

Methods and Controversies in the History of Political Thought: the Continental Tradition

Teachers Responsible: Professor K. Minogue, Room E306 and Dr. R. Orr, Room L100

Course Intended Primarily for M.Sc. Political Theory, although other graduate students may attend with permission. It will be found especially useful for those students working on any thesis in intellectual history.

Core Syllabus: This seminar is concerned with the methods and presuppositions in studying the history of political thought, especially as developed by French, German, Italian and other continental philosophers and historians.

Course Content: The seminars will explore the following themes: history as a mode of thought, the philosophy of history and the history of philosophy, what is the past and ways in which it might be known, varieties of discourse: practical, scientific, historical, linguistic, causation, events, explanation, representation, understanding the problems in the historical understanding of politics will be considered in relation both to general histories of political thought and events, and also to the history of specific ideas such as liberty, reason, natural law etc.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two-hour seminars (Gv412).

Written Work: Students are expected to write two essays.

Reading List: The texts discussed vary from year to year but will include works by Hegel, Marx, Dilthey, M. Weber, Mannheim, Meinecke, Herder, Kant, Nietzsche, M. Bloch, Comte, Condorcet, Braudel, Foucault, Huizinga, P. Geyl, Burckhardt, Croce, Gramsci etc. A reading list of primary texts to be discussed and critical commentaries will be handed out at the beginning of the semester.

Examination Arrangements: The examination will take place in January and will consist of a formal and unseen two hour paper, comprising around 12 questions, two of which the student will be required to answer.

Gv4020

The Theory of Positive Freedom

Teacher Responsible: Mr. J. Charvet, Room K207
Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: A study of the idea of freedom as self-determination

Course Content: The course will begin with contemporary discussions of freedom and autonomy and will then turn to a study of the classic theorists of positive freedom - Rousseau, Kant and Hegel - before culminating with a consideration of Nietzsche's conception of the self and its freedom in relation to this tradition.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two-hour seminars (Gv406).

Reading List: Sir I. Berlin, *Two Concepts of Liberty*; J. Christman (Ed.), *The Inner Citadel*; I. Kant, *The Groundwork of the Metaphysics of Morals*; G. W. F. Hegel, *The Philosophy of Right*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4021

Twentieth Century Political Thought: Expectations of Political Philosophy: Maximal and Minimal

Teacher Responsible: Dr. R. Orr, Room L100
Course Intended Primarily for M.Sc. Political Theory.

Course Content: Expectations of political philosophy (a) Maximal. Writers who see political philosophy as enabling the human race to transcend its existing limitations. (b) Minimal. Philosophy as 'underlabouring', concerning itself primarily with cleaning up the language of politics.

Pre-Requisites: None

Teaching Arrangements: Twelve weekly two-hour seminars (Gv419).

Reading List: (a) E. Voeglin, *The New Science of Politics: The Oecumenic Age*; L. Strauss, *What is Political Philosophy? The City and Man*; D. Germino, *Political Philosophy and the Open Society*; H. Marcuse, *One Dimensional Man*; M. Horkheimer, *Critical Theory*; I. Murdoch, *The Sovereignty of the Good*. (b) C. K. Ogden & I. A. Richards, *The Meaning of Meaning*; T. D. Weldon, *The Vocabulary of Politics*; G. Ryle, *Dilemmas*; A. G. N. Flew (Ed.), *Essays on Logic and Language* (first series); R. Rorty, *Philosophy and the Mirror of Nature*.

Examination Arrangements: Two hour unseen written paper in January.

Gv4022

Feminist Political Theory: Approaches and Concepts

Teacher Responsible: Dr. D. Bubeck, Room K301
Course Intended Primarily for M.Sc. Political Theory and M.Sc. Gender. Other graduate students may attend by permission.

Core Syllabus: This course will discuss approaches and concepts in feminist political theory.

Course Content: May vary slightly from year to year. Topics likely to be addressed include the following:

- varieties of feminism
- feminist method in political theory
- gender in political theory: analysis of central concepts with regard to their genderedness, such as the concepts of liberty, equality, justice, rights, state, citizenship, democracy, public/private dichotomy.

Pre-Requisites: None

Teaching Arrangements: Twelve weekly two hour seminars (Gv410).

Reading List: A detailed list will be handed out at the beginning of the semester. The following may serve as an introduction and indication of concerns: A. Jaggar, *Feminist Politics and Human Nature*; J. Grimshaw, *Feminist Philosophers*; C. Mackinnon, *Toward a Feminist Theory of the State*; C. Pateman, *The Disorder of Women*; S. M. Okin, *Justice, Gender and the Family*; M. J. Larrabee (Ed.), *An Ethic of Care*; S. Benhabib & D. Cornell (Eds.), *Feminism as Critique*; A. Phillips, *Democracy and Difference*.

Examination Arrangements: Two hour unseen written examination in January

Gv4023

Contemporary Disputes about Justice

Teacher Responsible: Professor G. Dworkin
Course Intended Primarily for M.Sc. Political Theory.

Course Content: A critical analysis of the debates about justice following the publication of John Rawls's *A Theory of Justice* in 1971.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv408).

Reading List: John Rawls, *A Theory of Justice*; S. Mulhall & A. Swift, *Liberals and Communitarians*; M. Sandel, *Liberalism and the Limits of Justice*; M. Walzer, *Spheres of Justice*; A. MacIntyre, *Whose Justice? Which Rationality?*

Examination Arrangements: Two hour unseen written examination in January.

Gv4024

The Realignment of Political Ideas in Modern Britain: Principal Themes in Modern British Political Thought

Teacher Responsible: Dr. R. Barker, Room K100
Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: Politics, political ideas and the relations between them. The principal original themes in modern British political thought: socialism, conservatism, liberalism & feminism.

Course Content: The course will deal with the principal themes in modern British political thought up until the last quarter of the twentieth century.

Pre-Requisites: None

Teaching Arrangements: Twelve weekly two hour seminars (Gv417).

Written Work: Students will write two papers.

Reading List: R. Barker, *Political Ideas in Modern Britain*; R. Barker, *Politics, Peoples and Government*; R. Williams, *Culture and Society*; W. H. Greenleaf, *The British Political Tradition: vol 2 The Ideological Heritage*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4030

Political Legitimacy: Explanatory Theories

Teacher Responsible: Dr. R. Barker, Room K100
Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: Principal explanatory theories of legitimacy. Temporal, societal, and issue variations of legitimacy. Political identity and political legitimacy.

Course Content: The difference between explanatory and normative theories of legitimacy. Legitimacy as a dimension of politics. The various forms of political identity and their relationship to legitimacy.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv416).

Written Work: Students will write two papers.

Reading List: R. Barker, *Political Legitimacy and the State*; N. Luhmann, *A Sociological Theory of Law*; W. Connolly (Ed.), *Legitimacy and the State*; M. Weber, *Economy and Society*; R. Rogowski, *Rational Legitimacy*; D. Beetham, *The Legitimation of Power*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4031

Language, Rhetoric and Politics: The Study of Rhetoric and its Relation to Politics

Teacher Responsible: Professor K. Minogue, Room E306

Course Intended Primarily for M.Sc. Political Theory. Other graduate students may attend by permission.

Core Syllabus: A philosophical treatment of the literacy and linguistic aspects of persuasion in both practical politics and its academic study.

Course Content: This first semester will treat the history of rhetoric, the argument between rhetoric and philosophy, and aspects of language theory relevant to the study of politics, such as speech act theory, descriptions, metaphor, and the boundaries of semantics and pragmatics.

Pre-Requisites: Some familiarity with philosophical argument, and with the history of political thought.

Teaching Arrangements: Twelve weekly two hour seminars (Gv421).

Reading List: Aristotle, *Rhetoric*; Plato, *Gorgias*, *Phaedrus*; Ch. Perelman, *The Realm of Rhetoric*; G. Leech, *Semantics*; G. Kennedy, *The Art of Persuasion of Greece*; J. L. Austin, *How to do things with Words*; J. Pocock, *Politics, Language and Time*; G. Lakoff & M. Johnson, *Metaphors We Live By*; I. Hacking, *Why Does Language Matter to Philosophy*; G. Orwell, *Nineteen Eighty Four*; M. Foucault, *Discipline and Punish*; F. Nietzsche, *The Genealogy of Morals*; Shakespeare, *Julius Caesar*, *Richard III*. A full reading list will be provided at the beginning of the course.

Examination Arrangements: Two hour unseen written examination in January.

Gv4032

Methods and Controversies in the History of Political Thought: the Anglo-American Tradition

Teachers Responsible: Professor K. Minogue, Room E306 and Dr. R. Orr, Room L100

Course Intended Primarily for M.Sc. Political Theory, although other graduate students may attend with permission. It will be found especially useful for those students working on any thesis in intellectual history.

Core Syllabus: This seminar is concerned with the methods and presuppositions in studying the history of political thought, especially as developed by British and American philosophers and historians.

Course Content: The seminars will explore the following themes: history as a mode of thought, the philosophy of history and the history of philosophy, what is the past and ways in which it might be known, varieties of discourse: practical, scientific, historical, linguistic, causation, events, explanation, representation, understanding the problems in the historical understanding of politics will be considered in relation both to general histories of political thought and events, and also to the history of specific ideas such as liberty, reason, natural law etc.

Pre-Requisites: **Methods and Controversies in the History of Political Thought: the Continental Tradition.**

Teaching Arrangements: 12 weekly two-hour seminars (Gv413).

Written Work: Students are expected to write two essays.

Reading List: The texts discussed vary from year to year but will include works by: Collingwood, Oakeshott, Skinner, Butterfield, Bury, Gallie, P. Burke, Pocock, Passmore, Rorty, Hexter, Dray, Popper, Lovejoy, Kuhn, Macpherson, Minogue, Coleman etc. A reading list of primary texts to be discussed and critical commentaries will be handed out at the beginning of the semester.

Examination Arrangements: The examination will take place in June and will consist of a formal and unseen two hour paper, comprising around 12 questions, two of which the student will be required to answer.

Gv4033

The Ethical Status of the State and Other Associations

Teacher Responsible: Mr. J. Charvet, Room K207
Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: A study of the nature of the state and other associations from an ethical point of view.

Course Content: The course will cover the following themes: political obligation, the nature of the state and other associations, the idea of the sovereignty of the state, the nature of political authority, the status of the state and other associations in international society.

Teaching Arrangements: Twelve weekly two hour seminar (Gv407).

Reading List: A. J. Simmons, *Moral Principles and Political Obligation*; M. Oakeshott, *On Human Conduct*; R. Flathman, *The Practice of Political Authority*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4034

Twentieth Century Political Thought: Philosophy as a Blueprint for Civil Living

Teacher Responsible: Dr. R. Orr, Room L100
Course Intended Primarily for M.Sc. Political Theory.

Course Content: Writers on the politics of earthly expectations.

Pre-Requisites: Twentieth Century Political Thought: Expectations of Political Philosophy.

Teaching Arrangements: Twelve weekly two-hour seminars (Gv420).

Reading List: M. Oakeshott, *Rationalism in Politics and Other Essays, On Human Conduct*; M. Walzer, *Spheres of Justice*; J. G. A. Pocock, *Politics, Language and Time*; F. A. Hayek, *The Constitution of Liberty*; J. Rawls, *A Theory of Justice*; J. Finnis, *Natural Law and Natural Rights*. This may be added to during the course.

Examination Arrangements: Two hour unseen written examination in June.

Gv4035

Feminist Political Theory: Issues

Teacher Responsible: Dr. D. Bubeck, Room K301
Course Intended Primarily for M.Sc. Political Theory and M.Sc. Gender. Other graduate students may attend by permission.

Core Syllabus: This course will discuss selected issues in feminist political theory.

Course Content: May vary slightly from year to year. Issues likely to be addressed include the following:

- contracts
- reproductive issues: abortion; surrogacy; reproductive technologies
- pornography and censorship
- ecofeminism
- women and peace
- violence, victimisation and agency
- theories of the body
- feminist utopias

Pre-Requisites: None, but attendance at **Feminist Political Theory: Approaches and Concepts** (Gv410) is recommended.

Teaching Arrangements: Twelve weekly two hour seminars (Gv411).

Reading List: A detailed list will be handed out at the beginning of the semester. The following may serve as an introduction and indication of concerns: C. Mackinnon, *Feminism Unmodified*; C. Overall, *Ethics and Human Reproduction*; C. Pateman, *The Sexual Contract*; J. B. Elshtain, *Women, Militarism and War*; S. Ruddick, *Maternal Thinking: Towards a Politics of Peace*; J. Plant, *Healing the Wounds: The Promise of Ecofeminism*; M. Piercy, *Woman on the Edge of Time*; C. Itzin (Ed.), *Pornography: Women, Violence and Civil Liberation*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4036

Political Philosophy and the Future

Teacher Responsible: Mr. M. Matravers
Course Intended Primarily for M.Sc. Political Theory.

Course Content: This course brings together three lines of enquiry within political philosophy that have attracted increasing interest in recent years. One is the basis, if any, of our moral obligation to people who are as yet unborn. The second is the ethics of population policy. The third is the ethical basis of obligation to protect the environment.

Pre-Requisites: None

Teaching Arrangements: Twelve weekly two hour seminars (Gv409).

Reading List: D. Parfit, *Reasons and Persons*; B. Barry & S. I. Sikora, *Obligations to Future Generations*; R. E. Goodin, *Green Political Theory*; J. O'Neill, *Ecology, Policy and Politics*; R. Eckersley, *Environmentalism and Political Theory*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4037

The Realignment of Political Ideas in Modern Britain: Realignments - Markets, Property, Nationalism and Citizenship

Teacher Responsible: Dr. R. Barker, Room K100
Course Intended Primarily for M.Sc. Political Theory.

Core Syllabus: Realignments: markets, property, nationalism and citizenship.

Course Content: The realignments within and between the principal themes in British political thought, paying particular attention to markets, property and citizenship.

Pre-Requisites: **The Realignment of Political Ideas in Modern Britain: Principal Themes in Modern British Political Thought**.

Teaching Arrangements: Twelve weekly two hour seminars (Gv418).

Written Work: Students will write two papers.

Reading List: D. Miller, *Market, State and Community*; G. Andrews (Ed.), *Citizenship*; R. Barker, *Politics, Peoples and Government*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4038

Language, Rhetoric and Politics: Theories of Political Discourse and Propaganda

Teacher Responsible: Professor K. Minogue, Room E306

Course Intended Primarily for M.Sc. Political Theory. Other graduate students may attend by permission.

Core Syllabus: A philosophical treatment of the literary and linguistic aspects of persuasion in both practical politics and its academic study.

Course Content: This second semester will be concerned with theories of language as domination, levels of persuasion in political writing, totalitarianism and propaganda, ideology, and current theories of discourse.

Pre-Requisites: Some familiarity with philosophical argument, and with the history of political thought.

Teaching Arrangements: Twelve weekly two-hour seminars (Gv422).

Reading List: Aristotle, *Rhetoric*; Plato, *Gorgias, Phaedrus*; Ch. Perelman, *The Realm of Rhetoric*; G. Leech, *Semantics*; G. Kennedy, *The Art of Persuasion of Greece*; J. L. Austin, *How to do things with Words*; J. Pocock, *Politics, Language and Time*; G. Lakoff & M. Johnson, *Metaphors We Live By*; I. Hacking, *Why Does Language Matter to Philosophy*; G. Orwell, *Nineteen Eighty Four*; M. Foucault, *Discipline and Punish*; F. Nietzsche, *The Genealogy of Morals*; Shakespeare, *Julius Caesar, Richard III*. A full reading list will be provided at the beginning of the course.

Examination Arrangements: A two hour unseen written examination in June.

Gv4058

States, Democracy and Democratisation.

Teachers Responsible: Dr. B. O'Leary, Room K204 and Dr. G. Philip, Room K205

Course Intended Primarily for M.Sc. Comparative Politics and related disciplines.

Core Syllabus: This course examines explanatory theories and evidence about the democratisation of states, how liberal democratic states operate, and what contributes to their stabilisation or breakdown. It combines historical sociology and comparative political science to evaluate the validity of theories about states and democratisation.

Course Content: The concept of democracy and its rival interpretations. The concept of the state and its rival interpretations. Pluralist, New Right, Elite, Marxist and Neo-Pluralist theories of the liberal democratic state. Democratisation: comparing cross-national studies with comparative historical investigations. Democratic breakdowns: causes and consequences.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv430). There will be two seminar groups; one will be chaired by Dr. O'Leary and one by Dr. Philip.

Written Work: Students must make one-sheet and word-processed presentations at seminars, and write two short essays during the semester.

Reading List: R. Dahl, *Democracy and its Critics*; P. Dunleavy & B. O'Leary, *Theories of the State: The Politics of Liberal Democracy*; B. Moore, *The Social Origins of Dictatorship and Democracy*; T. Vanhanen, *The Process of Democratisation*.

Examination Arrangements: Written examination in January. Students must answer two unseen questions from 10.

Gv4059

Nations and Nationalism

Teacher Responsible: Dr. B. O'Leary, Room K204
Course Intended Primarily for MSc Comparative Politics and related disciplines.

Core Syllabus: This course examines explanatory accounts of (and evidence about) the development of nationalism and the political consequences of nationalism and the ideal of the nation-state. It combines political philosophy, historical sociology and comparative political science to examine the validity of doctrines and theories about nationalism.

Course Content: The concept of nationalism and the nation-state and their rival interpretations. Nationalist thinkers, doctrines and philosophies. Nation-building. Typologies of nations and nationalism. Primordialist, modernist, materialist and idealist explanations of nationalism. Nationalism and international society. Irredentism and secession. Nationalism and democratisation. Nationalism and political parties. Nationalism and public policy.

Pre-Requisites: None.

Teaching Arrangements: 12 two hour seminar sessions (Gv431). (In 1994-95 these seminars will be conducted jointly with the 'Nationalism' seminar hosted by Sociology and International Relations. If the seminar group is too large it will be divided into two).

Written Work: Students must make one-sheet and word-processed presentations at seminars, and write two short essays during the semester.

Reading List: E. Gellner, *Nations and Nationalism*; E. Kedourie, *Nationalism*; P. Alter, *Nationalism*; J. Mayall, *Nationalism and International Society*; A. Buchanan, *Secession*; H. Seton-Watson, *Nations and States*; A. Smith, *Theories of Nationalism*.

Examination Arrangements: Written examination in January. Students must answer two unseen questions from 10.

Gv4063

Politics and Policy in Developing Countries

Teacher Responsible: Dr. G. Philip, Room K205

Course Intended Primarily for M.Sc. Comparative Politics. Also available to M.Sc. Public Administration and Public Policy students.

Course Content: This course has three essential themes. It is concerned with the political and policy-making implications of certain development strategies and doctrines, such as economic liberalism in Latin America and the NIC strategy pursued in parts of Asia. It is also interested in contributions to the politics of development, including but not limited to the Modernisation and Dependency perspectives. Finally it looks at some special problems and prospects facing large scale exporters of oil and other important raw materials.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv435).

Reading List: C. Clapham, *Third World Politics*; J. Crystal, *Oil and Politics in the Gulf*; G. Philip, 'The Political Economy of Development' in *Political Studies*, 1990; G. Philip, *The Political Economy of International Oil*; D. North, *Institutions, Institutional Change and Economic Performance*; C. Young, *Ideology and Development in Africa*; F. Cardoso & E. Faletto, *Dependency & Development in Latin America*.

Examination Arrangements: One two hour unseen written examination in June.

Gv4073

Government and Politics in Britain

Teacher Responsible: Mr. A. Beattie, Room L102
Course Intended Primarily for: M.Sc. European Politics and Policy.

Course Content: The course examines a number of competing models or interpretations of the British political process; the emphasis will be on the empirical literature associated with these models. The whole range of governmental and political institutions will be considered: executive/legislative relations; executive institutions; the role of parliament; parties and voters; the judiciary; organised interests; sub-national politics; Britain in the EC.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv460).

Reading List: P. Dunleavy, *The Core Executive in Britain*; P. Norton, *Parliament in Perspective*; M. Foley, *The Silence of Constitutions*; P. Dunleavy, *Democracy, Bureaucracy and Public Choice*; G. Stoker, *The Politics of Local Government*; K. Ascher, *The Politics of Privatization*; A. Birch, *Political Integration and Disintegration*; S. George, *An Awkward Partner*.

Examination Arrangements: Two hour unseen written examination in January

Gv4074

Political Change in Modern Britain

Teacher Responsible: Mr. J. Barnes, Room K309
Course Intended Primarily for: M.Sc. European Politics and Policy.

Core Syllabus:

Course Content: The historical development of the central changes in British institutions, policies and party alignments during the 20th century. The emphasis will be on the period since 1945, and a general survey will be followed by concentration on selected themes. Examples of these themes are: Britain and Europe; challenges to the 2-party system; the rise and consequences of the welfare state; the management of economic decline; the rise of the executive and the decline of parliament; the reorganisation of the executive.

Pre-Requisites: Government and Politics in

Britain (Gv460), unless students already possess a strong British politics background

Teaching Arrangements: Twelve weekly two hour seminars (Gv461).

Reading List: A. Havighurst, *Britain in Transition*; M. Camps, *Britain and Europe*; V. Bogdanor, *Multi-Party Politics and the Constitution*; M. W. Kirby, *The Decline of British Economic Power*; H. Hecl, *Modern Social Politics in Britain and Sweden*; N. Tracey, *The Origins of the Social Democrat Party*; K. Middlemas, *Power, Competition and the State*; R. Chapman & R. Greenaway, *Administrative Change in Britain*; S. Beer, *Britain Against Itself*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4075

Constitutional Issues in Britain

(Not available 1994-95)

Teacher Responsible: Mr. A. Beattie, Room L102
Course Intended Primarily for: M.Sc. European Politics and Policy.

Course Content: The vocabulary of British constitutional debate: representative *versus* responsible government; defining the British constitution: is Britain unique?; Britain as a Parliamentary Democracy. Central issues in British constitutional debate: the impact of the EC on British constitutional ideas and practices, and three other areas to be selected from (eg) the role of parliament; electoral reform; the debate about a British Bill of Rights; democracy, the rule of law, and the scope of governmental regulation; nations, regions and localities.

Pre-Requisites: Government and Politics in Britain (Gv460) unless students already possess a strong British politics background

Teaching Arrangements: Twelve weekly two hour seminars (Gv462).

Reading List: D. Oliver & J. Jowell, *The Changing Constitution*; P. Norton, *Does Parliament Matter?*; V. Bogdanor, *The People and the Constitution*; M. Zander, *A Bill of Rights?*; I. Harden & N. Lewis, *Government by Moonlight*; M. Loughlin, *Local Government in the Modern State*; A. Birch, *Integration and Disintegration in the UK*; R. Holme & M. Elliott (Eds.), *Time for a New Constitution?*

Examination Arrangements: Two hour unseen written examination in June.

Gv4076

Government and Politics in France

Teacher Responsible: Dr. A. Guyomarch, Room T 301c

Course Intended Primarily for: M.Sc. European Politics & Policy, M.Sc. Comparative Politics, M.Sc. European Studies, M.Sc. European Social Policy, M.Sc. International Relations.

Core Syllabus: This course provides a theoretically-informed examination of the main structural and procedural features of French politics and government during the Fifth Republic.

Course Content: The historical context, application and adaptation of the 1958 Constitution are analysed. The course then considers the changing social bases of politics, interest group structures and methods, the media and politics, and the societal roots of the political parties. A number of themes are central to this analysis of governmental and political behaviour - presidentialism, executive reinforcement, parliamentary decline, constitutional review, the referendum and electoral system, party competition and the restructuring of the party system, the Europeanisation of politics. The effect of recent reforms of the machinery of central government and local government are also analysed.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly 2 hour lecture/seminars (Gv455).

Reading List: P. Hall, J. Hayward & H. Machin, *Developments in French Politics*;

V. Wright, *The Government & Politics of France*; A. Stevens, *The Government and Politics of France*.

Examination Arrangements: One 2-hour, 2 question written unseen examination in January.

Gv4077

Public Policy in France

Teacher Responsible: Dr. A. Guyomarch, Room T 301c

Course Intended Primarily for: M.Sc. European Politics & Policy, M.Sc. Comparative Politics, M.Sc. European Studies, M.Sc. European Social Policy, M.Sc. International Relations

Core Syllabus: This course provides a theoretically-informed examination of the main structural and procedural features of policy-making in France today.

Course Content: Topics covered include: decision-making within the executive, political control of the administration, public sector structure and management, civil service recruitment, training and structures, local and regional policy making, the Europeanisation of policy-making, judicial review and citizens protection. Case studies of policy sectors from amongst: foreign affairs, defence, education, economic planning, agriculture, culture, social security and health.

Pre-Requisites: either: a. Government and Politics in France or b. Evidence of study of France at a level similar to (a)

Teaching Arrangements: 12 weekly 2-hour lecture/seminars (Gv456).

Reading List: P. Hall, J. Hayward & H. Machin, *Developments in French Politics*; H. Machin & V. Wright, *Economic Policy and Policy-making under the Mitterrand Presidency*; J. Hayward, *Governing France*; V. Wright, *The Government & Politics of France*.

Examination Arrangements: One 2-hour, 2 question written unseen examination in June.

Gv4078

Government and Politics in Germany

Teacher Responsible: Dr. K. H. Goetz, Room L101

Course Intended Primarily for: M.Sc. European Politics and Policy, M.Sc. Comparative Politics, M.Sc. European Studies, M.Sc. European Social Policy, M.Sc. International Relations. Students from other M.Sc. programmes, such as the M.Sc. The Political Economy of Transition, M.Sc. Russian and Post-Soviet Studies, and M.Sc. Public Administration and Public Policy are also welcome to attend the course, but will need to have their choice approved by the relevant M.Sc. coordinator.

Course Content: This course provides an advanced-level analysis of the legal, institutional and socio-cultural context and framework of politics, government and administration in the Federal Republic of Germany and studies the behaviour of major actors (institutions, collective actors and individuals) in the system. One of the chief aims is to explore the links between institutional characteristics of the German state and the political system, on the one hand, and systemic performance, on the other. Although the course is not explicitly comparative, one of its other main objectives is to highlight both specificities of the German polity and commonalities with other major European liberal democracies.

Topics include the concept of political culture and its usefulness for analysing the German polity; the Basic Law and the role of the Federal Constitutional Court in the political process; the structures and working principles of the Federal executive (here, particular attention is paid to the concept of 'Chancellor democracy' and the connection between the executive and political parties); federalism and intergovernmental relations; the social bases of party competition, political parties, the party system, and electoral behaviour. Throughout, particular emphasis is placed on the impact of unification and Europeanisation on defining characteristics of the German polity.

Pre-Requisites: None. A reading knowledge of German, whilst obviously welcome, is not required, since there is a rich literature on the subject available in English.

Teaching Arrangements: The course will start in October and consists of 12 weekly one-hour lectures (Gv204) and 12 weekly two-hour seminars (Gv458).

Written Work: A minimum of 2 essays is required from each student. Essays are returned with detailed comments and are marked to give the student a guide to his/her performance.

Reading List: A reading list accompanying the lecture series and a further detailed list of sources for each seminar are made available at the start of term. Introductory reading includes: D. Berg-Schlosser & R. Rytlewski, *Political Culture in Germany*; R. Dalton, *The New Germany Votes*; N. Johnson, *State and Government in the Federal Republic of Germany*; P. Katzenstein, *Policy and Politics in West Germany*; S. Padgett, *Parties and Party Systems in the New Germany*; W. Paterson & D. Southern, *Governing Germany*; G. Smith *et al*, *Developments in German Politics*; C. Starck, *New Challenges to the German Basic Law*.

Examination Arrangements: A two-hour unseen written examination will take place in January. Final assessment for the course depends entirely on the examination.

Public Policy in Germany

Teacher Responsible: Dr. K. H. Goetz, Room L101

Course Intended Primarily for: M.Sc. European Politics and Policy, M.Sc. Comparative Politics, M.Sc. European Studies, M.Sc. European Social Policy, M.Sc. International Relations. Students from other M.Sc. programmes, such as the M.Sc. The Political Economy of Transition, M.Sc. Russian and Post-Soviet Studies, and M.Sc. Public Administration and Public Policy are also welcome to attend the course, but will need to have their choice approved by the relevant M.Sc. coordinator.

Core Syllabus: This course provides an advanced-level analysis of the defining features of public policy-making in the Federal Republic of Germany and analyses crucial policy choices during the post-war period. It assesses structural and procedural characteristics of public policy-making and studies their impact on policy content. The approach taken in this course combines conceptual concerns with an analysis of particular fields of public policy. Thus, the usefulness of concepts such as policy style, community, network, arena, policy interlocking, or neo-corporatism is discussed with reference to specific areas of public policy. Examples studied include foreign policy; economic policy; environmental policy; immigration and asylum policy; and administrative policy. Although the course is not explicitly comparative, one of its main objectives is to highlight both specificities of German public policy and policy-making and commonalities with other major European liberal democracies.

Pre-Requisites: The course assumes a basic familiarity with the legal-institutional framework of German politics and government. Students who have previously completed the course 'Government and Politics in Germany' will automatically be deemed to satisfy this requirement. Others are very welcome to attend, but must satisfy the seminar teacher that they possess sufficient background knowledge. A reading knowledge of German, whilst obviously welcome, is not required, since there is a rich literature on the subject available in English.

Teaching Arrangements: The course starts in Lent Term, and is taught through 12 weekly one-hour lectures (Gv205) and 12 weekly two-hour seminars (Gv459). The lectures and seminars start in Week 4.

Written Work: A minimum of two essays is required from each student. Essays are returned with detailed comments and are marked to give the student a guide to his/her performance.

Reading List: A reading list accompanying the lecture series and a further detailed list of sources for each class are made available at the start of term. Introductory reading includes: K. von Beyme & M. G. Schmidt, *Policy and Politics in the Federal Republic of Germany*; S. Bulmer, *The Changing Agenda of West German Public Policy*; K. Dyson, *The Politics of German Regulation*; W. Hanrieder, *Germany, America, Europe: Forty Years of German Foreign Policy*; P. Katzenstein, *Politics and Policy in West Germany and Industry and Politics in West Germany*; A. Markovits, *The Politics of West German Trade Unions*; G. Smith *et al*, *Developments in German Politics*.

Gv4079

Examination Arrangements. A two-hour unseen written examination will take place in June. Final assessment for the course depends entirely on the examination.

Gv4080

Government and Politics in Scandinavia

Teacher Responsible: Mr. J. Madeley, Room K304

Course Intended Primarily for M.Sc. European Politics and Policy, M.Sc. Comparative Politics, M.Sc. European Studies.

Core Syllabus: The course will concentrate on those themes in the English-language comparative politics and policy literature for which Scandinavian, or Nordic experience is most often taken to be of greatest interest.

Course Content: After a survey of the institutional context as it has evolved over recent decades, the distinctive features of the policy process in Scandinavia will be reviewed with attention directed in particular to the debates about consensualism, neo-corporatism and the pathologies of big government. The relevance of these debates to particular cases, such as the Swedish debate about nuclear energy, the handling of the EC issue in Norway and the tax issue in Denmark, will receive detailed examination in the main body of the course.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv463). Attendance at lectures given for undergraduates (Gv206) will be recommended.

Reading List: E. Allardt *et al*, *Nordic Democracy*; T. Anton, *Administered Politics: Elite Political Culture in Sweden*; S. Berglund & U. Lindstroem, *The Scandinavian Party System(s)*; E. Damgaard, *Parliamentary Change in the Nordic Countries*; E. Einhorn & J. Logue, *Modern Welfare States: Politics and Policies in Social Democratic Scandinavia*; G. Esping-Andersen, *Politics Against Markets: The Social Democratic Road to Power*; H. Heclø & H. Madsen, *Policy and Politics in Sweden: Principled Pragmatism*; J. Pontusson, *The Limits of Social Democracy*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4081

Government and Politics in Italy

Teacher Responsible: Dr. R. Leonardi, Room L305

Course Intended Primarily for M.Sc. European Politics and Policy.

Core Syllabus:

Course Content: Part I: Politics - the institutional framework of politics; nation-building and its impact; political representation and electoral competition; parties and party system analysis; coalition theory and coalition building; social structures and cleavages; local, regional, and national politics.

Part 2: Policy - theoretical models of the state and policy making applied to Italy; the growth of the state; agenda setting; policy implementation; case studies from amongst: economic (monetary, fiscal), industry, agriculture, transport, defence, education; regional redistribution and convergence; institutional effects of EC membership.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv457).

Reading List: D. Sassoon, *Contemporary Italy*; F. Spotts & T. Wieser, *Italy: A Difficult Democracy*; R. Leonardi & R. Nanetti, *Italian Politics: A review* (vols 1, 2, 3, 4, 5, 6); P. Ginsborg, *A History of Contemporary Italy*; J. La Palombara, *Democracy Italian Style*; R. Leonardi & D. Wemman, *Italian Christian Democracy*; S. M. Di Scala, *Renewing Italian Socialism*; S. Hellman, *Italian Communism in Transition*; D. Forgacs, *Italian Culture in the Industrial Era 1880-1980*; R. Y. Nanetti, *Growth and Territorial Politics*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4083

Socio-economic Cohesion Policies in the EC

Teacher Responsible: Dr. R. Leonardi, Room L305

Course Intended Primarily for M.Sc. European Politics and Policy

Pre-Requisites: EC: Politics and Policy (Gv452).

Course Content: The discussion of economic and political integration theories; economic equilibrium and disequilibrium theories; political neofunctionalism and federalist theories; the empirical reality of economic and social convergence in Europe since 1950; EC-US comparisons of rates of cohesion; the role of ECSC, EEC, and EC institutions in formulating economic and social policies; Single European Act and Maastricht Treaty on cohesion; the emergence of regional government; governmental performance at the sub-national level; the connection between governmental performance and socioeconomic growth; networks as instruments for cohesion.

Teaching Arrangements: Ten weekly two hour seminars (Gv453).

Reading List: P. Cecchini, *The European Challenge*; CEC 1992, *Community Structural Policies: Assessment and Outlook*; CEC, *Report on Economic and Monetary Union in the European Community*; R. Hudson & J. Lewis (Eds.), *Uneven Development in Southern Europe*; R. Leonardi, *Regions and the European Community: The Regional Response to 1992 in the Underdeveloped Areas*; W. T. M. Molle, B. van Holst & H. Smit, *Regional Disparity and Economic Development in the European Community*; Stephen Overturf, *The Economic Principles of European Integration*; Lloyd Rodwin & Hidehiko Sazanami, *Industrial Change and Regional Economic Transformation: the Experience of Western Europe*; L. Tsoukalis, *The New European Community: The Politics and Economics of Integration*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4084

European Community: Politics and Policy

Teachers Responsible: Dr. R. Leonardi, L305 and Dr. H. Machin, Room T301

Course Intended Primarily for M.Sc. European Politics and Policy.

Course Content: Part 1: Politics - the institutional framework of political competition and representation; institution building in the Community; the restructuring of the nation-state; the emergence of regional and territorial units as relevant actors in the Community level; the impact of the single market on political and interest group mobilization; parties and party system analysis; alternative models for Community reform; integration theory and models of institutionalization applied to the EC; networking as a political and policy making process.

Part 2: Policy - the policy framework; agenda setting in European institutions; policy standardisation across member states; institutional effects of EC membership on policy structures of member states; the Community policy making and administrative structure; theoretical models of policy making applied to the EC; prioritization of Community intervention. Specific policy areas: agriculture, basic research and technological development, transportation, telematics, environment etc.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv452).

Reading List: A. M. El-Agraa (Ed.), *Economics of the European Community*; N. Colchester & D. Buchan, *Europe Relunched: Truths and Illusions on the Way to 1992*; J. Grahl & P. Teague, *1992 The Big Market*; V. Lintner & S. Mazey, *The European Community: Economic and Political Aspects*; S. F. Goodman, *The European Community*; C. Crouch & D. Marquand (Eds.), *The Politics of 1992: Beyond the Single European Market*; G. C. Hufbauer (Ed.), *Europe: 1992: An American Perspective*; T. Culter *et al*, *1992 - The Struggle for Europe*; J. Lodge, *The European Community and the Challenge of the Future*; D. Swann, *The Economics of the Common Market*; P. Cecchini *et al*, *1992: The European Challenge*; N. Nugent, *The Government and Politics of the European Community*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4085

European Politics: Comparative Analysis

Teachers Responsible: Mr. J. Madeley, Room K304, Mr. J. Barnes, Room K309, Mr. A. Beattie, Room L102, Dr. K. Goetz, Room L101, Dr. A. Guyomarch, Room T302, Dr. R. Leonardi, Room L305, Dr. H. Machin, Room T301 and Professor G. Smith (part-time), Room T305

Course Intended Exclusively for M.Sc. European Politics and Policy.

Core Syllabus: The purpose of this course is to provide an intensive review of theoretically informed analysis relating to modern politics in Europe - both

West (including the UK) and East (excluding the former Soviet Union). Students should gain knowledge of a range of political systems within a framework of comparative theory and become familiar with the major debates in political science insofar as they have a particular bearing on European politics.

Course Content: The principal areas of concentration will be: Processes of Nation-Building and State Formation in Europe; the Origins and Nature of Liberal Democracy — and the Problems of Transition to Democracy; Social Cleavage Patterns, Party Systems and the Main Party-Political Traditions; Regionalism, Sub-State Nationalism and Territorial Politics; Consociationalism, Neo-Corporatism and Government by Elite Cartel; Post-Materialism and the 'New Politics'.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars in Michaelmas and Lent Terms (Gv450).

Reading List: A. Lijphart, *Democracies*; A. Cox & N. O'Sullivan, *The Corporate State: Corporatism and State Tradition in Western Europe*; R. Inglehart, *Culture Shift in Advanced Industrial Society*; P. Mair (Ed.), *The West European Party System*; S. Rokkan & D. Unwin, *The Politics of Territorial Identity: Studies in European Regionalism*; G. Schöpflin, *Politics in Eastern Europe*; G. Smith, *Politics in Western Europe*; C. Tilly, *The Formation of National States in Europe*.

Examination Arrangements: Two hour unseen written examination in January.

Gv4086

European Policy: Comparative Analysis

Teachers Responsible: Mr. J. Madeley, Room K304, Mr. J. Barnes, Room K309, Mr. A. Beattie, Room L102, Dr. K. Goetz, Room L101, Dr. A. Guyomarch, Room T302, Dr. R. Leonardi, Room L305, Dr. H. Machin, Room T301 and Professor G. Smith (part-time), Room T305

Course Intended Exclusively for M.Sc. European Politics and Policy.

Core Syllabus: The purpose of this course is to provide a review of theoretically informed analysis of policy-making in contemporary Europe - both the West (including the UK) and East (excluding the former Soviet Union).

Course Content: The course focuses on four main aspects of public policy making: the idea and practice of representative government, theories and structures of the state (the reform of governmental and administrative institutions, and practices and new developments in public sector management. Topics to be examined include: contrasting state traditions, the changing relations between representative institutions and the executive, the participatory challenge to representation, electoral systems and the policy role of parliaments, contemporary concepts of the state (nation-states, welfare states and supranational), the impact of Europeanisation and internationalisation and the divergent trends of federalisation and decentralisation, public sector reform (privatisation, the third sector development, the new public management), judicial review, new

forms and methods of assessing effectiveness and efficiency in the public sector.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars in Lent and Summer Terms (Gv451).

Reading List: K. Dyson, *The State Tradition in Europe*; G. Esping-Andersen, *The Three Worlds of Welfare Capitalism*; C. Graham & T. Prosser, *Privatising Public Enterprises: Constitutions, the State and Regulation in Comparative Perspective*; P. Norton, *Legislatures*; M. Volcansek, *Judicial Politics and Policy-Making in Europe*; G. Smith, *Politics in Western Europe*; S. Whitefield, *The New Institutional Architecture of Eastern Europe*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4087

Government and Politics in Ireland

Teacher Responsible: Dr. B. O'Leary, Room K204
Course Intended Primarily for M.Sc. European Politics and Policy, M.Sc. Comparative Politics.

Core Syllabus: The course examines the government and politics of the Republic of Ireland and Northern Ireland; its focus is on democratisation, state-development, nationalism and unionism.

Course Content: The British and Irish national questions. Religion, ethnicity and nationalism in Ireland. The partition of Ireland and its consequences. The constitutional development and democratisation of independent Ireland. Devolved government and control in Northern Ireland. Inequality and discrimination. Party systems in Northern Ireland and the Republic of Ireland. British policy and direct rule in Northern Ireland. Irish policy and Northern Ireland. The Anglo-Irish Agreement. The European Community and Ireland. Interpretations and explanations of conflict in Northern Ireland.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two hour seminars (Gv464).

Written Work: Students must make one-sheet and word-processed presentations at seminars, and write two short essays during the semester.

Reading List: (Preliminary) B. O'Leary & J. McGarry, *The Politics of Antagonism: Understanding Northern Ireland*; J. Whyte, *Interpreting Northern Ireland*; J. J. Lee, *Ireland: Politics and Society*; P. Mair, *The Changing Irish Party System*.

Examination Arrangements: A two hour unseen written examination in June. Students must answer two questions from 10.

Gv4088

European Multi-Party Systems

Teacher Responsible: Professor G. R. Smith, Room T305

Course Intended Primarily for M.Sc. European Politics and Policy, M.Sc. Comparative Politics, and M.Sc. European Studies

Gv4093

Government and Politics in Eastern Europe

Teacher Responsible: To be announced

Course Intended Primarily for M.Sc. in Comparative Politics, M.Sc. in Russian and Post-Soviet Studies, M.Sc. European Politics and Policy and related disciplines.

Core Syllabus: This course provides a critical introduction to Eastern Europe after 1944, focusing on the rise and fall of communist systems, and the problems of democratisation in post-communist conditions.

Course Content: The political culture of eastern Europe. Communist revolutions and attempts to legitimate communist rule. Stalinism, de-stalinisation and the collapse of communism. Nation-states and nationalism in Eastern Europe. The establishment of democratic regimes.

Pre-Requisites: None.

Teaching Arrangements: 12 Seminars (Gv439). Students are advised to familiarise themselves with both the LSE library and that of the School of Slavonic and East European Studies.

Written Work: Students are required to produce two word-processed essays during the semester. Teaching aids are distributed.

Reading List: F. Fetjo, *A History of the People's Democracies*; R. Tucker, *Stalinism: Essays in Historical Interpretation*; P. Sugar, *Ethnic Diversity and Conflict in Eastern Europe*; S. White, J. Gardner & G. Schöpflin, *Communist Political Systems*.

Examination Arrangements: Unseen two hour written examination at the end of the semester.

Gv4094

Government and Politics in India

Teacher Responsible: To be announced

Course Intended Primarily for M.Sc. in Comparative Politics and related disciplines.

Core Syllabus: British India. The Structure and Process of Indian politics and government since Independence. Caste, community, social change and democracy in India. Major political institutions. Political economy. Communism in India.

Course Content: The British Raj. The Indian Constitution and quasi federalism. Congress and Indian Nationalism. The Politics of religion and caste. Ethnosecessionist challenges. Problems of governance. Elections, parties and voters. Political communications. Parliament and Legislative assemblies. Military-civil relations. The senior civil service. Communism in India. Indian foreign policy. The political economy of development in India.

Pre-Requisites: None.

Teaching Arrangements: 12 Seminars (Gv440). Students are advised to familiarise themselves with both the LSE library and of the School of Oriental and African Studies.

Written Work: Students are required to produce two word-processed essays during the semester. Teaching aids are distributed. The essays will not count towards the final examination grade, but are a necessary condition of entry to the exams.

Course Content: The course provides a comparative analysis of party systems in Europe. It includes a study of individual countries of both East and West, combining that with the application of relevant theories of party formation and development electoral behaviour, party representation, coalition formation, maintenance and break-up. The course includes the classification of party systems, the concepts of 'Left' and 'Right', and multi-dimensional alternatives to the Left-Right Axis, including the 'New Politics'.

Pre-Requisites: None.

Teaching Arrangements: Twelve two hour seminars (Gv454).

Reading List: K. von Beyme, *Political Parties in Western Democracies*; P. Mair (Ed.), *The West European Party System*; P. Mair & G. Smith (Eds.), *Understanding Party System Change in Western Europe*; G. Sartori, *Parties and Party Systems*; S. Wolinetz (Ed.), *Parties and Party Systems in Liberal Democracies*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4092

Government and Politics of Russia

Teacher Responsible: Professor D. Lieven, Room L202

Course Intended Primarily for M.Sc. Russian and Post-Soviet Studies, M.Sc. Comparative Politics, and related disciplines.

Core Syllabus: The aim of the course is to illustrate geopolitical, historical and cultural aspects of the Russian political tradition: to examine the differences and similarities between the tsarist and Soviet politics: to explain the collapse of the Soviet regime: to examine contemporary Russian politics and explore possible scenarios for the future: to study the various strands of Russian nationalism.

Course Content: Patterns in modern Russian history: The Russian Imperial political tradition: Russian nationalism and Russian national identity under the Monarchy: Why Imperial Russia collapsed: Leninism and the Russian radical tradition: The Stalinist regime in full flower and (1953-85) in decay: Why Perestroika led to the collapse of the Soviet regime. Post-Soviet Russian politics. Russian nationalism and problems of national identity in the Soviet and post-Soviet eras.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv433).

Reading List: R. Pipes, *Russia Under the Old Regime*, D. MacKenzie Wallace, *Russia on the Eve of War and Revolution*, L. Schapiro, *The Communist Party of the Soviet Union*, R. Tucker, *Stalinism*, E. Hoffmann & R. Laird (Eds.), *The Soviet Policy in the Modern Era*, A. Dallin & G. Lapidus (Eds.), *The Soviet System in Crisis*, J. Dunlop, *The Rise of Russia and the Fall of the Soviet Empire*.

Examination Arrangements: One assessed essay and an unseen written two-hour examination at the end of the first semester.

Reading List: W. H. Morris-Jones, *Government and Politics of India*; F. Frankel, *India's Political Economy, 1947-77: The Gradual Revolution*; L. & S. Rudolph, *In Pursuit of Lakshmi*; P. Brass, *The Politics of India Since Independence*; A. Kohli, *Democracy and Discontent*; T. Nossiter, *Marxist State Governments in India*; B.H. Farmer, *Introduction to South Asia*; S. Mitra, *The Post Colonial State in Asia*.

Examination Arrangement: Unseen two hour written examination at the end of the semester and one course essay of 5000 words.

Gv4095**Politics and Economic Policy in Spanish America**

Teacher Responsible: Dr. G. Philip, Room K205
Course Intended Primarily for M.Sc. Comparative Politics, also available to Development Studies.

Course Content: The course considers the political dimension of economic policy making in five countries. These are Argentina, Chile, Peru, Venezuela and Mexico. The course will consider the way in which the political system in these countries have been shaped by their socio-economic structure and also at policymakers' efforts to combine successful economic policymaking with democratic government.

Pre-Requisites: Attendance of compulsory course of Comparative Politics.

Teaching Arrangements: 12 weekly two hour seminars (Gv437).

Reading List: R. Thorp & G. Bertram, *Peru*; G. Di Tella & R. Dornbush, *The Political Economy of Argentina*; G. Philip, *The Presidency in Mexican Politics*; J. Boue, *Venezuela: The Political Economy of Oil*; R. Camp, *Politics in Mexico*; E. Duran, *Latin America and the World Recession*.

Examination Arrangements: One two hour unseen written examination in June.

Gv4096**National and Ethnic Conflict Regulation**

Teacher Responsible: Dr. B. O'Leary, Room K204

Course Intended Primarily for M.Sc. Comparative Politics.

Core Syllabus: This course examines the strategies available to states and politicians seeking to regulate national and ethnic conflict; when particular strategies are employed; and the conditions under which the 'succeed'. The literature drawn upon includes political philosophy, policy analysis, international relations and political sociology.

Course Content: Defining national and ethnic conflict. Strategies for eliminating national and ethnic differences (genocide, mass-population transfers, partition-secession, integration-assimilation) and strategies for managing national and ethnic conflict (hegemonic control, third-party intervention

(including arbitration), federalism-autonomy, and consociation). Case-studies of countries with protracted national and ethnic conflict. Negotiating ethnic peace accords. Affirmative action and multiculturalism and their critics.

Pre-Requisites: Students who are not taking Nations and Nationalism or the Nationalism course taught in Sociology and International Relations will be accepted at the discretion of the staff.

Teaching Arrangements: 12 two-hour seminar sessions (Gv436).

Written Work: Students must make one-sheet and word-processed presentations at seminars, and write two short essays during the semester. Students from outside the Government Department taking this course as an outside option must additionally write a 5000 word essay.

Reading List: J. McGarry & B. O'Leary, *The Politics of Ethnic-Conflict Regulation: Case Studies of Protracted Ethnic Conflicts*; A. Lijphart, *Democracy in Plural Societies*; D. Horowitz, *Ethnic Groups in Conflict*; J. Montville, *Conflict and Peacemaking in Multiethnic Societies*; C. Taylor, *Multiculturalism and the Politics of Recognition*.

Examination Arrangements: A written examination in June. Students must answer two unseen question from 10.

Gv4098**Religion and Politics**

Teacher Responsible: Mr. J. Madeley, Room K304

Course Primarily Intended for Comparative Politics, European Politics and Policy.

Core Syllabus: A survey of the relationship between the fields of religion and politics as analysed by political sociologists and political scientists.

Core Content: Definitional issues. The interdisciplinary background and approaches. Leading hypotheses: Marxian, functionalist and phenomenological. The world religions in comparative perspective over time. Religion and the European origins of the modern state. Religion, revolution and reform in modern Europe. The politics of secularisation: the religious factor in liberal democratic politics — a) clericalism, anticlericalism and confessional politics to 1945, b) Christian Democracy and its varieties. Religion and the 'new politics'.

Teaching Arrangements: 12 two-hour seminars (Gv438). Optional attendance at U/G course lectures (Gv229).

Reading List: D. E. Smith, *Religion and Political Development*; D. Martin, *A General Theory of Secularisation*; J. Hadden & A. Shupe (Eds.), *Religion and the Political Order* (three vols: 1986, 1988, 1989); G. Lewy, *Religion and Revolution*; S. Berger (Ed.), *Religion in West European Politics*; G. Moyser (Ed.), *Religion and Politics in the Modern World*; D. Hanley (Ed.), *The Christian Democratic Parties*.

Examination Arrangements: Two hour unseen written examination in June.

Gv4112**The Nationalities Problem in Northern Eurasia**

Teacher Responsible: Professor D. Lieven, Room L.202

Course Intended Primarily for M.Sc. Russian and Post-Soviet Studies, M.Sc. Comparative Politics, and related disciplines.

Core Syllabus: The aim of the course is to illuminate the present crisis in the successor states to the former USSR by studying: The tradition of empire in Northern Eurasia: The cultures, societies and political traditions of the non-Russian peoples of the former USSR - concentrating in particular on Ukrainians, Balts and Moslems: The specific problems of the former Soviet republics during the transition to political independence, market economies and viable non-communist institutions of government.

Course Content: The course starts with a study of empire in Northern Eurasia in comparison to other imperial traditions: It looks at Russian Imperial and Soviet nationalities policies: It concentrates then on the development of the cultures, societies and political traditions of Ukrainians, Balts and Moslems, partly because of these 3 groups' importance but partly too to illustrate the diversity of the non-Russian population in the former USSR: It assesses the role of the non-Russians in the collapse of the Soviet regime: It investigates the viability of the various successor states to the USSR, concentrating on the dilemmas of multi-ethnicity and economic recovery in politics legitimised by nationalist doctrines. The course concludes with a comparative survey of problems of de-colonisation in the USSR and the other empires.

Pre-Requisites: None.

Teaching Arrangements: 12 weekly two hour seminars (Gv434).

Reading List: E. Thaden, *Russia's Western Borderlands 1710-1870*, 1984;

E. Thaden (Ed.), *Russification in Baltic Provinces and Finland 1855-1914*, 1981; H. Carrere d'Encausse, *Islam and the Russian Empire, Reform and Revolution in Central Asia*, 1988; R. Pipes, *The Formation of the Soviet Union*, 1954; G. Simon, *Nationalism and Policy towards the Nationalities in the Soviet Union*, 1991; B. Krawchenko, *Social Change and National Consciousness in Twentieth-Century Ukraine*, 1985; A. Lieven, *The Baltic Revolution, 1933*; J. Critchlow, *Nationalism in Uzbekistan*, 1991.

Examination Arrangements: One assessed essay and an unseen written two-hour examination at the end of the second semester.

Gv4122**Government and Administration in New and Emergent States**

Teacher Responsible: Mr. P. F. Dawson, c/o Room K105

Course Intended Primarily for M.Sc. in Public Administration and Public Policy.

Core Syllabus: The objective of the course is to examine the context and some major characteristics of administrative processes in less developed countries, principally those of Africa, South and South East Asia and the Caribbean. While some reference will be made to Latin America and the Middle East these will not be the major areas of concern.

Course Content: This course is one of the optional examination subjects for the M.Sc. Politics 6 (Public Administration and Public Policy) but additionally serves the function of broadening the comparative scope of the core papers in that field. The subject may also be taken as an optional or substitute paper by students for any other M.Sc. It is of particular relevance to Politics 5 (Comparative Government). All students are welcome to attend the lectures while graduate students with the permission of the teacher in charge, may attend the seminars.

The Course is concerned primarily with the recent political and administrative history of African states and those of South and South East Asia. Topics examined include the heterogeneity of the "Third World"; the concept of bureaucracy and the relevance of Weberian authority types; theories of development, their historiography and their contribution to political explanation; the significance of colonial rule and forms of cultural dependency; the nature of political power in LDCs and its influence on administrative systems; legitimacy, centralism, forms of pluralism, patronage/clientelism; the organisation and behaviour of public services; economic management - from planning to privatisation; the problems of corruption - definitions, outcomes and remedies.

Pre-Requisites: None, but some previous knowledge of politics and government in developing countries would be advantageous.

Teaching Arrangements:

Lectures; Gv496, 12 Lent and Summer Terms.

Seminars; Gv497, 12 Lent and Summer Terms.

Written Work: Students participating in the seminar (Gv497) will be expected to produce at least two written essays on topics assigned to them.

Reading List: A detailed and up-to-date reading list will be made available to all students attending the lectures. The following books are considered to be of a general introductory nature:

David Apter, *Rethinking Development: Modernisation, Dependency and Post-Modern Politics*, 1987; N. Caiden & A. Wildavsky, *Planning and Budgeting in Poor Countries*, 1974; C. Clapham, *Third World Politics: an introduction*, 1985; S. Huntington, *Political Order in Changing Societies*, 1968; M. Lipton, *Why Poor People Stay Poor*, 1976; Ian Little, *Economic Development: Theory, Policy and International Relations*, 1982; I. Roxborough, *Theories of Underdevelopment*, 1979; M. Wallis, *Bureaucracy: its role in Development*, 1990.

Examination Arrangements: The examination in this subject, takes place in June. It comprises a single, two-hour, unseen, question paper of about 10 questions from which candidates are required to answer 2. Candidates from M.Sc. programmes which are not examined on a semester basis will in addition be required to submit by 1 July an essay of not more than 5,000 words. Students are advised to look at earlier examination papers (available in the Library) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv4162
Comparative Local Government**Teacher Responsible:** Professor G. W. Jones, L210**Course Intended Primarily for** postgraduate students mainly as an option for those reading for the degree M.Sc. Politics 6, Public Administration and Public Policy. Other M.Sc. students are welcome to take the course, and other post-graduates and interested undergraduates may attend the lectures and, with the permission of the teacher in charge, any seminar.**Core Syllabus:** The objectives of the course are: (i) to provide an introduction to the structure, operations and impact of local, and other sub-national, governments throughout the world, and especially in Europe, and (ii) to discuss the causes and consequences of major cross-national variations in urban politics and policies.**Course Content:** A study of local government systems of a number of countries, both developed and underdeveloped but especially in Europe. A typology of local government systems. The organisation, functions and areas of local authorities; their councils, internal arrangements, executives and administration. The politics of local government, central-local relations and the finance of local government. Metropolitan and city government. The reform of local government.**Teaching Arrangements:**Lectures (i) Professor G. W. Jones on **Aspects of Comparative Local Government** (Gv493). (ii) Professor P. J. Dunleavy on **Urban Politics** (Gv495). The lecturers will distribute notes and bibliographies relevant for their lectures.Seminars: (i) Professor G. W. Jones on **Aspects of Comparative Local Government** (Gv494). (ii) Professor P. J. Dunleavy and Dr. M. Hebbert on **Urban and Regional Planning: Politics and Administration** (Gv487).Students may find useful the Geography Departments' lectures for Gv1919 **Urban Politics: A Geographical Perspective**.**Written Work:** Students are expected to produce written essays on the issues assigned to them at the seminars. They also submit essays to their supervisors.**Methods of Work:** The syllabus is very broad. It covers a range of issues. The lectures and seminars will not be able to deal with every topic. They are selective, intended to introduce, to stimulate and to guide. Students are expected to spend a great deal of time on private reading, thinking and writing. Students should concentrate initially on mastering the local government systems of Britain and other West European countries and the U.S.A., and the salient features of local government in other countries. They should choose for more detailed study another country or group of countries. They should also select some of the key controversies or theoretical debates introduced in the course on which to concentrate.**Reading:** Students receive extensive reading lists from the teachers, who will guide them about the most introductory, general, relevant and essential works.**Reading Lists:****Comparative Local Government:** B. C. Smith,*Decentralization*; S. Humes, *Local Governance and National Power*; R. Batley & G. Stoker (Eds.), *Local Government in Europe*; J. J. Hesse (Ed.), *Local Government and Urban Affairs in International Perspective*; E. C. Page, *Localism and Centralism in Europe*; P. Mawhood, *Local Government in the Third World*; R. Paddison & S. Bailey, *Local Government Finance*; B. Dente & F. Kjellberg (Eds.), *The Dynamics of Institutional Change*.**Urban Politics:** M. Castells, *City, Class and Power*; P. Dunleavy, *Urban Political Analysis*; J. O'Connor, *The Fiscal Crisis of the State*; N. Polsby, *Community Power and Political Theory*; P. Saunders, *Urban Politics*; J. Logan & T. Swanstrom (Eds.), *Beyond the City Limits*; T. Gurr & D. King, *The State and the City*.**Examination Arrangements:** The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of ten questions, of which students must answer two within a period of two hours. Students from other M.Sc. courses must submit in addition a 5,000 word essay.**Gv4164****Administration in Regional and Urban Planning****Teacher Responsible:** Professor P. J. Dunleavy, Room K300**Course Intended Primarily for** M.Sc. in Regional and Urban Planning, and M.Sc. Politics 6.**Core Syllabus:** This course examines the political and policy processes involved in urban and regional planning focusing particularly on how the institutions and administrative technologies available contribute to or constrain the achievement of planning objectives. The social and political conflicts surrounding planning issues are explored.**Course Content:** The course falls into two parts. The first term examines the urban context of planning, focusing on political economy approaches and looking also at major approaches to public policy as a back ground. The second term focuses on regional development problems within the large, integrated economic market of the European Community. Urban and regional policy interactions are explored.**Pre-Requisites:** This course is designed primarily for post-graduate students. It is an optional paper for the M.Sc. Politics in Public Administration and Public Policy, and a compulsory paper for the M.Sc. in Regional and Urban Planning. Other M.Sc. students, research students and interested undergraduates are welcome at the lectures. The seminar series Gv218 requires permission for outside attenders, but those wishing to take the paper are welcome.**Teaching Arrangements:** The core teaching for this course is provided by the following seminar and lectures: Gv487 **Urban and Regional Planning: Politics and Administration, Seminar** (Professor Dunleavy, Dr. R. Leonardi and Dr. Hebbert, Michaelmas and Lent Terms)Gv492 **Urban and Regional Planning: Politics and Administration** (Dr. Hebbert, Michaelmas Term)**Reading List:****Urban Policy Making:** P. Dunleavy, *Urban Political Analysis*; T. Gurr & D. King, *The State and the City*; H. Logan & H. Molotch, *Urban Fortunes: The Political Economy of Place*.**Regional Policy and Planning:** L. J. Sharpe, *Decentralist Trends in Western Democracies*; B. Hogwood & M. Keating, *Regional Government in England*; M. Derthick, *Between State and Nation*; *Regional Organization in the U.S.*; S. Tarrow et al, *Territorial Politics in Industrial Nations*.**Examination Arrangements:** The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at recent past examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.**Gv4166****Introduction to Comparative Public Administration - Seminar****Teacher Responsible:** Professor G. W. Jones, Room L210**Course Intended Primarily for** postgraduate students, mainly as a compulsory paper for those reading for the degree M.Sc. Politics 6, Public Administration and Public Policy. Other M.Sc. students are welcome to take the course, and other postgraduates and interested undergraduates may attend the lectures and, with the permission of the teacher in charge, any seminar.**Core Syllabus:** The objective of the course is to provide an introduction to selected issues in comparative public administration, mainly in Western Europe and the OECD countries.**Course Content:** Topics discussed will include: The factors which influence the structure and working of public administration: historical, environmental, social, constitutional and political. The main features and principles of public service systems. The tasks of government and their allocation to agencies; the status and functions of departments, public corporations and local authorities. Delegation and control; systems of devolution and decentralisation. The social characteristics of public servants, their recruitment, training and organization; types of public servants and relationships between them. Central departments; co-ordination of governmental activities; political direction and accountability, legislative-administrative relations. Administrative discretion; administrative justice. Administrative reform and reorganisation.**Teaching Arrangements:**Lectures: (i) Professor G W Jones and others on **Introduction to Comparative Public Administration** (Gv480)(ii) Professor John Bourn on **The Review and Evaluation of Government Programmes** (Gv490).Seminars: (i) Professor G. W. Jones on **Public****Administration** (Gv499). This seminar will focus on comparative administrative structures and systems.**Written Work:** Students are expected to produce essays on topics assigned to them at the seminars and to submit essays regularly to their supervisors.**Methods of Work:** The syllabus is very broad. It covers a range of issues. Lectures and seminars cannot deal with every aspect. They are selective, intended to introduce, to stimulate and guide. A detailed reading list and syllabus will be provided to students at the start of the course.**Reading List:** J. Q. Wilson, *Bureaucracy* (Basic Books, 1989); N. Lynn & A. Wildavsky, *Public Administration: The State of the Discipline* (Chatham House, 1990); Sir E. Barker, *The Development of Public Public Services in Western Europe* (Oxford University Press, 1944); D. Beetham, *Bureaucracy* (Open University Press, 1987); F. Heady, *Public Administration: A Comparative Perspective* (Marcel Dekker, 4th edn., 1991); B. G. Peters, *The Politics of Bureaucracy: A Comparative Perspective* (Longman, 3rd edn., 1989); B. G. Peters, *Comparing Public Bureaucracies* (University of Alabama, 1988); C. H. Levine et al, *Public Administration: Challenges, Choices, Consequences* (Foresman/Little Brown, 1990); J. Greenwood & D. Wilson, *Public Administration in Britain Today* (Unwin Hyman, 1989).**Examination Arrangements:** The examination takes place in January and consists of a single formal and unseen examination paper of ten questions, of which students must answer two within a period of two hours.**Gv4167****Public Management Theory and Doctrine****Teachers Responsible:** Professor Christopher Hood, Room L203 and others.**Course Intended Primarily for** postgraduate students, mainly as a core course for the M.Sc. Politics 6 (Public Administration and Public Policy), for students from MSc Management and for students from other M.Sc.s by arrangement.**Core Syllabus:** The objective of the course is to explore and evaluate the main Western traditions of thought about public sector management from the eighteenth-century cameralists to present-day doctrines of 'New Public Management'. The survey of rival traditions in the first half of the course is intended to help students evaluate current doctrines of public sector management in a broader historical perspective.**Course Content:** 'Theory' and 'doctrine' in public sector management; 'double bind' and 'homeostatic' approaches to public sector management; 'hierarchical', 'egalitarian' and 'individualist' approaches to public sector management (comprising the cameralist tradition of state-led economic development, the utilitarian tradition of 'incentivization', the progressive public administration tradition of strong procedural rules and a 'Jesuitical corps' of public

servants, and various socialist/egalitarian approaches to public sector management ranging from the hierarchism of the Webbs to radical egalitarian ideas of 'managing without managers'. After a survey of these historical traditions, the course examines contemporary doctrines of 'New Public Management', exploring variants, critics and alternatives to New Public Management ideas.

Teaching Arrangements: The course is organised as a semester unit, running from the start of the academic session to early January. It is taught over twelve weeks, with eleven lectures (Gv483) and twelve seminars (Gv483a and Gv489) as appropriate.

Reading: J. Bendor, 'Formal Models of Bureaucracy' in *British Journal of Political Science*, 18, 1988; G. W. Downs & P. D. Larkey, *The Search for Government Efficiency: From Hubris to Helplessness*, 1986; A. Dunsire, 'Holistic Governance' in *Public Policy and Administration*, Vol. 5, No. 1, 1990; N. Flynn, *Public Sector Management*, 1992; M. Harmon & R. T. Mayer, *Organization Theory for Public Administration*, 1986; C. Hood & M. Jackson, *Administrative Argument*, 1991; H. Mintzberg, *Structure in Fives*, 1983; C. Pollitt, *Managerialism and the Public Services*, 2nd edn., 1993; R. B. Saltman & C. von Otter, *Planned Markets and Public Competition*, 1992; P. Self, *Administration Theories and Politics*, 1977 and *Political Theories of Modern Government*, 1985.

Examination Arrangements: The course is examined by a two-hour unseen written paper in January. Candidates must answer two questions out of approximately eight. In addition, candidates must submit one essay for assessment by the end of January. In the overall assessment for the course, the unseen examination will count as 75% of the final mark and the essay as 25%.

Gv4172

Political Institutions in the U.S.A.

Teacher Responsible: Dr. C. Schonhardt-Bailey, Room L105

Course Intended Primarily for M.Sc. Public Administration and Public Policy and M.Sc. Comparative Politics.

Core Syllabus: This course provides an advanced analysis of the political institutions of the United States of America.

Course Content: The course will provide a critical analysis of the American political systems, as viewed from a number of competing perspectives: elitism, pluralism, public choice, statism. Specific topics covered in this term include (1) voting behaviour and elections; (2) the role of public opinion in domestic and foreign policymaking; (3) institutional struggle between Congress and the Executive in formulating domestic and foreign policy; and (4) the 'strength' (or lack thereof) of the American State.

Pre-Requisites: Students are strongly encouraged to attend undergraduate lectures in Gv211.

Teaching Arrangements: Twelve two-hour week-

ly seminars (Gv484) given by Dr. C. Schonhardt-Bailey in the Michaelmas and Lent Terms. Optional lectures for students with little knowledge of the U.S.A.: Gv211 weekly, Michaelmas Term.

Reading List: L. Fisher, *The Politics of Shared Power: Congress and the Executive* (3rd edn.); B. L. Page & R. Y. Shapiro, *The Rational Public: Fifty Years of Trends in Americans' Policy Preference*; S. L. Popkin, *The Reasoning Voter*; R. H. Salisbury, *Interests and Institutions: Substance and Structure in American Politics*; S. M. Sheffrin, *Markets and Majorities: The Political Economy of Public Policy*; E. R. Tuft, *Political Control of the Economy*; J. Q. Wilson, *American Government* (5th edn.).

Examination Arrangements: An unseen two-hour written examination paper of about eight questions of which students must answer two held in January.

Gv4173

Public Policy in the U.S.A.

Teacher Responsible: Dr. C. Schonhardt-Bailey, Room L105

Course Intended Primarily for MSc Public Administration and Public Policy and MSc Comparative Politics.

Core Syllabus: This course provides an advanced analysis of contemporary public policy in the United States of America.

Course Content: The course applies theoretical frameworks (e.g. pluralism, statism, public choice, elitism) to particular issue areas (agricultural policy, environmental policy, politics of corporate America). It then broadens the focus to examine America's role within the international arena, particularly the effects of changes in the international arena on American domestic politics and the extent to which domestic politics shape America's foreign policy.

Pre-Requisites: Students are strongly encouraged to attend undergraduate lectures in Gv212.

Teaching Arrangements: Twelve two-hour weekly seminars (Gv485) given in the Lent and Summer Terms. Optional lectures for students with little knowledge of the U.S.A.: Gv212, weekly, Lent Term.

Reading List: W. P. Browne, *Private Interests, Public Policy, and American Agriculture*; C. V. Crabb & P. M. Holt, *Invitation to Struggle: Congress, the President and Foreign Policy* (4th edn.); A. Gore, *Earth in the Balance*; I. M. Destler, *American Trade Politics: System Under Stress* (2nd edn.); C. W. Kegley & E. R. Wittkopf, *American Foreign Policy: Pattern and Process* (4th edn.); M. S. Mizuchi, *The Structure of Corporate Political Action*; H. W. Moyer & T. E. Josling, *Agricultural Policy Reform: Politics and Process in the EC and the USA*; Z. A. Smith, *The Environmental Policy Paradox*.

Examination Arrangements: An unseen two-hour written examination paper of about eight questions of which students must answer two held in June.

Gv4176

The Politics of Regulation and Public Enterprise

(Not available 1994-95)

Teachers Responsible: Professor David Heald and Professor Christopher Hood, Room L203

Course Intended Primarily for post graduate students, mainly as an optional paper for those reading for the degree M.Sc. Politics 6, Public Administration and Public Policy. Other M.Sc. students are welcome to take the course.

Core Syllabus: The course is devoted to an examination of the politics of public enterprise and regulation, with particular reference to privatization and deregulation.

Course Content: Approaches to public enterprise; control and accountability of public enterprises; explanations and justifications of privatization; approaches to privatization; styles of regulation; explanations of the advent of regulation and deregulation; explanations of the behaviour of regulatory agencies.

Teaching Arrangements: Lectures: Ten lectures to be given in the Lent and Summer Terms by Professor D. Heald on **Public Enterprise and Regulation** (Gv486).

Seminars: Twelve sessions to be given in the Lent and Summer Terms by Professor D. Heald and Professor C. Hood on **The Politics of Public Enterprise and Regulation** (Gv488).

Written Work: Students are expected to produce written essays on topics assigned to them at the **Politics of Public Enterprise and Regulation** seminar and to submit essays regularly to their supervisors.

Reading: L. Hancher & M. Moran (Eds.), *Capitalism, Culture and Regulation* (Clarendon 1989); E. N. Suleiman & J. Waterbury (Eds.), *The Political Economy of Public Sector Reform and Privatization* (Westview 1990); G. Majone (Ed.), *Deregulation or Re-regulation?* (Pinter 1989); J. Vickers & G. Yarrow, *Privatization: An Economic Analysis* (MIT, 1988); R. Vernon & Y. Aharoni (Eds.), *State Owned Enterprise in the Western Economies* (Croom Helm, 1981); J. Q. Wilson, *The Politics of Regulation* (Basic Books, 1980); M. Derthick & Quirk, *The Politics of Deregulation* (Brookings 1985).

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about eight questions, of which students must answer two within a period of two hours.

Gv4177

Public Choice and Public Policy I - Introduction

Teachers Responsible: Professor P. Dunleavy, Room K300 and Dr. K. Dowding

Course Intended Primarily for postgraduate students, mainly as a compulsory paper for those reading for the degree M.Sc. Politics 6 Public Administration and Public Policy.

Core Syllabus: The objective of the course is to provide an introduction to public choice theory and the ways in which it illuminates the political and policy processes of advanced liberal democratic states. The course focuses mainly on institutional public choice, but also covers in less depth macro-political economy approaches.

Course Content: Theory of voting and party competition; collective action and interest groups; coalition theory and log-rolling; theory of clubs, Tiebout model and exit vs voice options; bureaucracy and economic approaches to organizations; the political business cycle; explaining the growth of the state and variations between welfare states; the Leviathan State concept.

Pre-Requisites: None.

Teaching Arrangements: Twelve weekly two-hour seminars (Gv481).

Written Work: Students are expected to produce written essays on topics and submit them regularly to their supervisors.

Reading List: D. Mueller, *Public Choice II*; P. Dunleavy, *Democracy, Bureaucracy and Public Choice*; J. M. Buchanan & R. D. Tollison, *The Theory of Public Choice II*; W. M. Crain & R. D. Tollison, *Predicting Politics: Essays in Empirical Public Choice*; L. Lewin, *Self Interest and the Public Interest in Western Politics*; R. Abrams, *Foundations of Political Analysis*; M. Olson, *The Logic of Collective Action*; W. Niskanen, *Bureaucracy and Representative Government*.

Examination Arrangements: The examination takes place in January and consists of two parts: (i) a single formal and unseen examination paper of about eight questions, of which students must answer two within a period of two hours, accounting for 75% of the marks; (ii) a single essay of between 3000 and 4000 words on a topic to be agreed with the course teachers by week 6 of Michaelmas Term, which applies public choice approaches to a public policy problem. The essay must be submitted by Week 1 of lent term and accounts for 25% of the marks.

Gv4178

Public Choice and Public Policy II: Advanced Topics

Teachers Responsible: Professor P. Dunleavy, Room K300 and Dr. K. Dowding, Room ?

Course Intended Primarily for Postgraduate students, mainly as a compulsory paper for those reading for the degree M.Sc. Politics 6 Public Administration and Public Policy.

Core Syllabus: The objective of the course is to explore more advanced topics in public choice theory, primarily focusing on the analysis of new forms of organizational arrangements and public policy systems in advanced liberal democratic states. The course focuses chiefly on institutional public choice.

Course Content: The course will examine the application of public choice approaches to diverse problems of public policy-making, taking one major book as the focus for each week's seminar.

Pre-Requisites: Students must either have com-

pleted Gv4177 **Public Choice and Public Policy I**, or must be able to show substantial previous coursework in public choice.

Teaching Arrangements: Seminars - twelve sessions will be given in Lent Term by **Professor Dunleavy** (Gv482).

Written Work: Students are expected to produce written essays on topics and submit them regularly to their supervisors.

Reading List: M. Douglas, *How Institutions Think*; M. Levi, *Of Rule and Revenue*; A. Carling, *Social Divisions*; R. Abrams, *Foundations of Political*

Analysis; P. Cowell, *Cheating the Government*.

Examination Arrangements: The examination takes place in June and consists of two parts: (i) a single formal and unseen examination paper of about eight questions, of which students must answer two within a period of two hours, accounting for 75% of the marks; (ii) a single essay of between 3000 and 4000 words on a topic to be agreed with the course teachers by week 10 of Lent Term, which applies public choice approaches to a public policy problem. The essay must be submitted by Week 3 of Summer Term and accounts for 25% of the marks.

Department of Industrial Relations

M.Sc. Industrial Relations and Personnel Management

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two calendar years.

Option A - Academic Stream

Examination

Paper Number	Paper Title	Course Guide Number
1.	(a) British Industrial Relations	Id4200
	or (b) Comparative Industrial Relations	Id4201
2, 3&4.	Three of the following:	
	(a) 1(a) or 1(b) if not taken under 1	
	(b) A report of not more than 10,000 words on an agreed subject	
	(c) Organisational Theory and Behaviour	Id4202
	(d) Industrial Psychology	Id4220
	(e) Sociology of Work, Management and Employment	So6832
	(f) Labour Law	LL6112
	(g) Labour Market Analysis	Id4224
	(h) Labour History	EH2700
	(i) Management of Human Resources	Id4223
	(j) Strategic Management of Human Resources and Business Performance (<i>Provisional - may not be taught 1994-95</i>)	Id4225
	(k) An approved paper from any other course for the M.Sc. in the Faculty of Economics.	

N.B. 1(a) and 1(b) will be examined by means of course-work assessment
2, 3 and 4(b) must be submitted by 31st August
2, 3 and 4(c)-(k) will be examined by a written unseen paper

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, and will be taken after the completion of the appropriate courses. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	31 August

Option B - Profession Stream

(For students seeking exemption from the Stage 1 and 2 examinations of the Institute of Personnel Management)

Examination

Paper Number	Paper Title	Course Guide Number
I		
1.	Business Industrial Relations	Id4200
2.	Organisational Theory and Behaviour	Id4202
3.	Management of Human Resources	Id4223
II	A report of not more than 10,000 words on an agreed subject	

Students are also required to take a special supplementary programme of work by attending 10 Skills Workshops and to write a report on their industrial link by completing a company "Link". The "Link" includes a short report on a managerial problem designated by the company.

N.B. Paper 1 will be examined by means of course-work assessment; Papers 2 and 3 will be examined by a three-hour written unseen paper.

Dates of Examination

Written papers	June
Report	31 August

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/Seminar Number		Course Guide Number
Id100	Comparative Industrial Relations Mr. S. Dunn, Dr. D. W. Marsden and Dr. M. Sako	30/MLS Id4201
Id101	Industrial Relations Theory Dr. J. Kelly	8/L
Id102	British Industrial Relations Mr. S. Dunn, Dr. J. Kelly, and Ms. R. Bailey	35/MLS Id4200
Id103	Labour/Management Problems Seminar Ms. R. Bailey and Mr. S. Dunn	LS Id103
Id107	Organisational Theory and Behaviour Ms. R. Bailey, Dr. J. Kelly and Dr. M. Sako	25/MLS Id3221; Id4203; Id4204
Id108	Industrial Organisation: Theory and Behaviour Dr. R. Peccei and Ms. P. Rosenthal	50/MLS Id4202

Lecture/Seminar Number		Course Guide Number
Id109	Macro-Economic Policy Making in the UK Dr. R. Richardson	10/M Id109
Id111	Labour Market Analysis Professor D. Metcalf	25/MLS Id3222; Id4224
Id112	Management of Human Resources Ms. R. Bailey, Dr. B. Benkhoff, Dr. D. W. Marsden, Dr. R. Peccei and Dr. R. Richardson	16/MLS Id4223
Id113	Strategic Management of Human Resources and Business Performance (Provisional - may not be taught 1994-95) Dr. K. Bradley	25/MLS Id4225
Id114	Industrial Psychology Dr. B. Benkhoff and Dr. J. Kelly	24/MLS Id4202; Id4203; Id4220
Id115	Labour Law - Seminar Mr. R. C. Simpson	25/MLS LL6112
Id121	Research Methods for Industrial Relations Dr. B. Benkhoff, Dr. J. Kelly, Dr. R. Peccei and Dr. S. J. Wood	
Id153	Personnel Policy and Practice Dr. B. Benkhoff and Mr. S. Dunn	50/ML 25/L 45/ML Id153
Id180	Business Policy Dr. R. Peccei	20/ML Id4250
Id181	Business Economics Dr. R. Richardson and Dr. M. Sako	25/ML Id4251

Course Guides

Id103
Labour/Management Problems Seminar
Teachers Responsible: Ms. R. Bailey, Room H714 and Mr. S. Dunn, Room H709
Course Intended Primarily for Post-graduate and Undergraduate students in the Industrial Relations Department.
Course Content: A series of seminars featuring outside speakers from business, trade unions, government, media and research bodies. The focus is on current issues in collective bargaining, human resource management, industrial conflict and legal regulation.

Pre-Requisites: Attending a course in Industrial Relations
Teaching Arrangements: One and a quarter hour seminars in the Lent Term.
Written Work: None
Examination Arrangements: This course is not examined.

Id109
Macro-Economic Policy Making in the U.K.

Teacher Responsible: Dr. R. Richardson, Room H711

Course Intended Primarily for M.Sc. in Industrial Relations and Diploma in Business Studies.

Course Content: An introduction to macro economic theory and policy, with particular reference to recent UK experience.

Teaching Arrangements: 10 Lectures (Id109), in the Michaelmas Term.

Reading List: Suggested readings will be distributed at the first lecture.

Examination Arrangements: None.

Id121

Research Methods for Industrial Relations

Teacher Responsible: Dr. B. Benkhoff, H713

Course Intended for students of M.Sc. Industrial Relations and Personnel management and is compulsory for those with little or no knowledge of statistics and/or those doing a project (Id4399). Research Students are expected to take the course during their first year in the Department.

Core Syllabus: To introduce students to research methods and methods of data analysis especially appropriate for the areas of Industrial Relations and Personnel Management

Course Content: Making sense of statistical data and relating them to research problems, and methods of data collection such as interviewing and questionnaires

Pre-Requisites: None.

Teaching Arrangements: The course is taught by Dr. B. Benkhoff, Dr J. Kelly, Dr. R. Peccei, and Dr. S. Wood. The first part is concentrated in five days before the beginning of the first Michaelmas term, and the second in the last five weeks of the Lent Term.

Reading List: D. Rowntree, *Statistics without Tears*; F. Owen and R. Jones, *Statistics*; A. N. Oppenheim, *Questionnaire Design And Attitude Measurement*.

Examination Arrangements: None

Id153

Personnel Policy and Practice

Teachers Responsible: Dr. B. Benkhoff, Room H713 and Mr. S. Dunn, Room H709

Course is compulsory and only available for the professional stream of the M.Sc. Industrial Relations and Personnel Management.

Core Syllabus: To introduce students to the strategies and practice of personnel management and to develop professional strategies.

Teaching Arrangements:

(a) **Skills Workshop:** Ten all day sessions, Michaelmas and Lent Terms.

(b) **Links Programme:** During the Michaelmas and Lent Terms each student is attached to an organisation which they visit one day a week. This is followed by a 2 hour seminar.

Reading List: D. Guest & T. Kenny, *A Textbook of Techniques and Strategies in Personnel Management*; K. Sisson, *Personnel Management in Britain*.

Examination Arrangements: Students have to complete a report on their link assignment and conduct a small project. Satisfactory completion of this and participation in the overall course is required for those seeking membership of the Institute of Personnel Management.

Id4200

British Industrial Relations

Teachers Responsible: Mr. S. Dunn, Room H709 and Dr. J. Kelly, Room H712

Course Intended Primarily for M.Sc. students.

Core Syllabus: The aim of the course is to analyse the institutions and processes which are crucial to the working of British industrial relations and the personnel function at the national, enterprise, and workplace levels.

Course Content: The first term will cover the main features of the British industrial relations system. In the second and third terms students choose 3 from 6 options, probably including:

- (i) Pay
- (ii) Law
- (iii) Human Resource Management
- (iv) Trade Unions
- (v) Public Sector
- (vi) Disputes

Pre-Requisites: A general knowledge of the social sciences and/or experience in and knowledge of the British system of industrial relations.

Teaching Arrangements: Ten lectures (Id102) and ten classes of one and a half hours in the Michaelmas Term. Separate courses of lectures and classes will be given in the Lent and Summer Terms for each specialisation. Students will be expected to complete 5 essays during the course. These will decide their grade.

Reading List: S. Kessler & F. Bayliss, *Contemporary British Industrial Relations* (1992); D. Marsh, *The New Politics of British Trade Unionism* (1992); J. Storey (Ed.), *New Perspectives on Human Resource Management* (1989); P. Blyton & P. Turnbull, *The Dynamics of Employee Relations* (1994).

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

Examination Arrangements: Continuous assessment.

Id4201

Comparative Industrial Relations

Teacher Responsible: Dr. M. Sako, Room H715

Course Intended Primarily for M.Sc. Students.

Course Syllabus: The aim of the course is to provide an introduction to a comparative analysis of industrial relations processes and outcomes. This will be done through the analysis of a selection of countries including the UK, USA, Australia, Western European nations, Japan and East Asian countries.

Course Content: The comparative element covers the development and organisation of industrial rela-

tions at the national, industry and plant level in countries including the USA, Japan, Sweden, Germany, France and Italy. The course deals with the analysis of industrial relations systems, the development of management and trade unions, government policies in industrial relations, collective bargaining, industrial conflict, industrial democracy and other related issues in employment relations.

Students are expected to: attend lectures and seminars; play significant part in discussions; make presentations in seminar sessions.

Pre-Requisites: A general knowledge of the social sciences. No previous knowledge of industrial relations in any particular country is required.

Teaching Arrangements: The course extends over 25 weeks. In the Michaelmas Term teaching will be 2½ hours per week, one hourly lecture (Id100) and one seminar (Id100) of 1½ hours.

Lectures will cover such things as:

- Concepts and methods in comparative industrial relations
- The comparative performance of industrial relations systems in the
 - USA, West Germany and Japan
- Economic factors influencing industrial relations
- The role of the state in industrial relations
- Disputes and collective bargaining
- Labour force characteristics and development
- Democracy in the firm and society

The second and third terms will consist of seminars only. These will be for two hours and are normally organised around specialist areas including Western Europe, Japan and the United States.

Reading List: R. Dore, *British Factory - Japanese Factory*; J. T. Dunlop, *Industrial Relations Systems*; O. F. Gladstone *et al.*, *Labour Relations in a Changing Environment*; Clark Kerr *et al.*, *Industrialism and Industrial Man*; Baglioni & Crouch, *European Industrial Relations*; C. Lane, *Management and Labour in Europe*; D. Marsden, *Industrial Democracy and Industrial Control in West Germany, France and Great Britain*; T. Shirai (Ed.), *Contemporary Industrial Relations in Japan*.

Examination Arrangements: Continuous assessment. Students are required to write five essays during the course.

Id4202

Industrial Organization: Theory and Behaviour

Teacher Responsible: Dr. R. Peccei, Room H710

Course Intended Primarily for Students taking the M.Sc. in Industrial Relations and Personnel Management.

Core Syllabus: This is an inter-disciplinary course which aims to define and examine some of the central problems of organizations and to demonstrate how the application of the social sciences can assist in their analysis and solution. The major focus is on the issue of organizational change, and is concerned with the need for change, the content of change, methods of change and evaluation of change.

Course Content: Major approaches to organizational change: scientific management; human relations;

socio-technical and self-actualisation approaches to the redesign of work; organization development; contingency theory; culture and leadership.

The nature of bureaucracy; problems of bureaucracy and change. Theory and methods of diagnosis in organizations; the concept of strategy; strategic planning; strategies of change; models and frameworks for analysing change; theory and methods for evaluation of change. Forms of third-party intervention.

Pre-Requisites: A background in the social sciences is necessary. Previous work experience is a considerable advantage.

Teaching Arrangements: The teaching is highly participative and includes lectures (Id108, Id114, So140, So151) and classes (mainly in the first term), group working (throughout the year), and case studies (in the Lent and Summer Terms). Students are also encouraged to attend lectures on: **Sociology of Work, Management and Employment** (So140 and So151) (teacher responsible, Professor S. Hill); **Industrial Psychology** (Id114) (teacher responsible, Dr. J. Kelly). The teaching is handled by Riccardo Peccei, Patrice Rosenthal and other members of the Department. A range of visitors from outside LSE will present cases.

Written Work: Students are required to write two essays during the year. Students will be expected to play an active part in group discussions, analysis of cases and presentation of feedback. The course is demanding of students and depends for its success partly upon their commitment and willingness to participate fully.

Reading List: The following list includes some introductory reading and some central texts. A fuller reading list will be provided at the start of the course. W. Bennis *et al.*, *The Planning of Change* (4th edn.); M. Crozier, *The Bureaucratic Phenomenon*; W. L. French & C. H. Bell, *Organization Development*; J. Child, *Organisations*; C. Handy, *Understanding Organizations*; C. Perrow, *Complex Organisations*; T. J. Peters & R. H. Waterman, *In Search of Excellence*; T. Nichols, *The British Worker Question*; C. Sofer, *Organizations in Theory and Practice*; K. Thurley & H. Wirdenius, *Towards European Management*; V. Vroom & E. Deci, *Management and Motivation*; T. J. Watson, *Sociology, Work and Industry*; H. Mintzberg, *The Nature of Managerial Work*; H. Mintzberg, *Structure in Fives*.

Examination Arrangements: There will be a three hour formal examination in the Summer Term. Candidates must tackle three from a choice of twelve questions.

Id4203

Organisation Theory and Behaviour

See Id3221

Id4204

Introduction to Organisational Analysis

Teacher Responsible: Ms. R. Bailey, Room H805

Course Intended Only for M.Sc. Operational Research students and M.Sc. Analysis, Design and

Management of Information Systems.

Core Syllabus: To facilitate critical evaluation of organisational policies and prescriptions through the examination of approaches to planned organisational change.

Course Content: Approaches to planned change; Changing organisations; scientific management; human relations; self-actualisation; socio-technical theory; contingency theory; industrial relations reform; cooperative industrial relations; Japanese management; training and organisational development. Change strategies and the evaluation and assessment of organisational policies.

Pre-Requisites: Prior knowledge of organisation theory or practical

Teaching Arrangements: Lent Term only: Students attend one lecture course (Id107) and classes.

Reading List: S. Robbins, *Organization Behaviour*; S. Robbins, *Organization Theory*; C. Handy, *Understanding Organizations*; M. Rose, *Industrial Behaviour*; D. Pugh *et al.*, *Writers on Organization*.

Examination Arrangements: One three-hour examination paper with 12 questions, three questions to be answered.

M. Argyle, *The Social Psychology of Work*, Penguin; M. Gruneberg & T. Wall, *Social Psychology and Organizational Behaviour*, Wiley; J. R. Hackman & G. R. Oldham, *Work Redesign*, Addison-Wesley; D. Katz & R. L. Kahn, *The Social Psychology of Organizations*, Wiley; J. Hartley & G. Stephenson, *The Psychology of Employment Relations*, Blackwell; R. M. Steers & L. W. Porter, *Motivation and Work Behaviour*, McGraw-Hill; P. B. Warr, *Psychology at Work*, Penguin.

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Candidates should answer three questions out of a choice of twelve.

Id4223

Management of Human Resources

Teacher Responsible: Dr. R. Richardson, Room H711

Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Core Syllabus: The course considers the policies that organisations adopt in order to deal with a range of human resource issues.

Course Content: Problems of specifying the objectives, both underlying and operational, of human resource policies. The problems surrounding issues such as recruitment and selection, training and development, appraisal, securing commitment, control and incentive systems. Strategies of human resource policy. The role of the personnel manager. Internal labour markets and labour market segmentation. Manpower planning models, personnel information systems and human asset accounting.

Teaching Arrangements: There are 32 hours of lectures (Id112) given by Dr. B. Benkhoff, Dr. Riccardo Peccei and Dr. Ray Richardson as well as classes and modules.

Reading List: There is no text book covering the range of material presented. However, students are advised to make extensive use of R. Steers & L. Porter (Eds.), *Motivation and Work Behaviour* (5th edn.), McGraw-Hill.

Examination Arrangements: Assessment in the paper is determined by performance in a three hour exam in which the candidate is expected to answer two from approximately nine questions, and by an assessed essay to be done over the Easter vacation.

Id4224

Labour Market Analysis

Teacher Responsible: Professor D. Metcalf, Room H707

Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Core Syllabus: The course emphasises those aspects of labour economics which are most relevant for industrial relations.

Course Content: The first part of the course deals (approximately 5 lectures) with employment. The topics discussed include: unemployment, labour mar-

ket flexibility, jobs and pay, subsidies and worksharing. The second part (approximately 5 lectures) deals with the structure of pay by occupation and industry, discrimination against women and blacks, and low pay. The third part of the course (approximately 10 lectures) is an economic analysis of trade unions including: the structure of collective bargaining, union goals, union density, closed shop, strike activity, union impact on relative pay, productivity, output, inflation and income distribution.

Pre-Requisites: Course assumes some modest familiarity with undergraduate economics and statistical methods, but this is not essential. Students are also advised to attend the lectures on Macro-Economic Policy Making in the U.K.

Teaching Arrangements: There will be 25 lectures and 25 classes. Students will be expected to do 2 pieces of short written work.

Reading List: R. Layard, *How to Beat Unemployment*, Oxford University Press, 1986; W. McCarthy (Ed.), *Trade Unions*, Penguin, 1985.

A detailed reading list will be given at the beginning of the course.

Examination arrangements: One 3 hour examination paper, 3 questions to be answered from approximately 10 questions.

Id4225

Strategic Management of Human Resources

(Provisional - may not be available 1994-95)

Teacher Responsible: Dr. K. Bradley, Room H803
Course Intended Primarily for M.Sc. Industrial Relations

Core Syllabus: (i) To introduce students to the strategic aspects of human resource management, (ii) to demonstrate the application of social sciences to the study of human resources, (iii) to explore in-depth some central problems and issues of the relationship between human resource management and business performance, (iv) to facilitate critical evaluation of in-depth human resources management case studies.

Course Content: Employee contracts, incentive pay, unionisation vs non-unionisation, human resource management in rapidly growing firms, vertical vs horizontal organisational matrices, the role of middle management, collectivism vs individualism, employee ownership, partnerships, the role of values in bringing about commitment, alternative ways of reporting human capital, training and corporate performance, mentoring and career development, theories of motivation, cash as a motivator, values of employees and their importance in predicting effort, alternative payment systems, training and regulation (compliance), training and its contribution to business competitiveness, human resources in the Single European Market, human resources in public enterprises, the effects of privatisation on human resource management, worker directors and the European Community Social Charter, organisational structure and productivity, employee communication and business performance, changing values of the workforce, demographic changes of the European workforce, recruitment and retention of human resources, the

influence of supply-side factors on human resource management and business performance, the strategic importance of expert human resources, organisational responses to skill shortages.

Pre-Requisites: No prior knowledge of human resource management or practical knowledge is required.

Teaching Arrangements: The course comprises one lecture and one seminar per week (Id113) for the Michaelmas and Lent Terms and 6 two hour seminars in the Summer Term.

Reading List: K. Bradley (Ed.), *Human Resource Management*, Dartmouth, 1992; R. Caruso, *Mentoring and the Business Environment*, Dartmouth, 1992; H. T. Johnson & R. S. Kaplan, *Relevance Lost: The Rise and Fall of Management Accounts*, Harvard Business School Press, 1987; K. Bradley & A. Nejad, *Managing Owners*, Cambridge University Press, 1989; K. Bradley & S. Taylor, *Business Performance in the Retail Sector*, Oxford University Press, 1992; C. Avgyeis, 'Teaching Smart People how to Learn' *Harvard Business Review*, Vol. 69, No. 3, 1991; E. Schein, *Organisational Culture and Leadership*, Jossey-Bass Publishers, 1986; J. Hackman & L. Porter, 'Expectancy Theory Predictions of Work Effectiveness' *Organisational Behaviour and Human Performance*, Vol. 3, 1968; P. Drucker, *The New Realities*, Heinemann, 1989.

Written Work: Students are required to write three essays during the year. They will also be required to analyze data and make class presentations.

Examination Arrangements: There will be a three hour written examination in the Summer Term. Candidates will be expected to answer three questions from a choice of about twelve.

Id4399

M.Sc. Project Report

Teacher Responsible: Dr. M. Sako, Room H715

Course Intended Primarily for M.Sc. in Industrial Relations and Personnel Management.

Students taking the 'professional' stream have to complete a project report. For other students it is an option which can be taken instead of a fourth paper.

Core Syllabus: The project is to:

(i) examine a problem or topic through a literature review and provide a rigorous analysis of that problem or topic;

and/or
(ii) examine a problem or topic through some small scale empirical research or by using information derived from secondary sources;

and
(iii) show ability to relate the specific to the general and the capacity to sustain a reasoned argument and draw conclusions.

Selection of Topic: Students are encouraged to identify a topic from within the broad field of industrial relations and personnel management and to discuss it in the first instance with their personal tutor. When a potentially feasible topic area has been identified, it should be registered with the course secretary, but not later than the end of the Michaelmas Term. Teams of

students may work on a particular project. Students taking the 'professional' stream will be expected to undertake projects involving empirical work in organisations, and to work in teams.

Arrangements for Supervision: Students will be allocated to the specialist teacher whose interests are most relevant to the topic. However account will also be taken of the need to equalise supervisory loads.

Students will be allocated to supervisors by the beginning of the Lent Term. The role of the supervisor is to provide guidance in refining, focusing and ensuring

the feasibility of the dissertation. Students are expected to hand in a draft of their project by the end of the Easter vacation; supervisors will give feedback by the end of the second week of the Summer Term.

Examination Arrangements: Two typewritten copies of the dissertation should be handed in to the course secretary, and recorded as received, not later than August 31st. The report should not exceed 10,000 words in length. The report is considered for examination purposes to be the equivalent of one examination paper.

M.Sc. Analysis, Design and Management of Information Systems

Additional Entry Qualifications

This M.Sc. is an advanced course aimed at providing a sound understanding of the issues, approaches and tools for information systems development and operation within organizations. It presents a balance between the management and technical aspects that impact the practice and theory of information systems. Students may come from a variety of backgrounds but must have a basic knowledge of information technology. The core curriculum focuses on information systems management, systems analysis and design, and the application of information technology in business. However, options within the course allow students to specialize in strategic, economic or technological aspects.

Duration of Course of Study

Full-time: One or two calendar years, depending on the candidate's entry qualifications.

Part-time: At least two calendar years, depending on the candidate's entry qualifications.

Examination

Students are required to be examined on courses to a total of three units and a report, as detailed below. All courses are half-units unless specified to the contrary. The examination for each half-unit will normally be by means of a two or three-hour unseen examination paper. (Courses I.2, II.5, and II.8 are examined by means of essays and project reports). In addition, coursework may also be assessed.

Paper Number	Paper Title	Course Guide Number
1.	Systems Analysis and Design	IS8307
2.	Aspects of Information Systems	IS8308
3.	Information Systems Management	IS8309
4.	Information Systems Development Methodologies	IS8310
II.	Course totalling <i>two</i> half-units selected with the approval of the candidate's teachers:	
1.	Information (1 unit)	IS8321
2.	Strategic Aspects of Information Technology	IS8322
3.	Information Technology and Socio-Economic Development	IS8311
4.	Information Systems in Developing Countries	IS8312
5.	Intelligent Knowledge Based Systems	IS8323
6.	Multimedia Information Systems	IS8381
7.	Topics in Applied Computing	IS8325
8.	Advanced Topics in Information Systems	IS8326
9.	Principles of Information Systems Security (1 unit)	IS8378
10.	Legal Aspects of Secure Computing	IS8380
11.	<i>One</i> out of the following:	
	(a) Techniques of Operational Research	IS8343
	(b) Decision Analysis in Theory and Practice	IS8204
	(c) Structuring Decisions	IS8361
12. &/or		
13.	Financial Reporting and Management (1 unit)	Ac2150
14.	Introduction to Organizational Analysis	Id4204
15. &/or		
16.	Any other subject approved by the candidate's teachers	
	<i>and</i>	
III	A report of not more than 10,000 words on a project selected with the approval of the candidate's teachers.	

Not all the courses listed in Part II will necessarily be available every year. Students who have already covered material comparable to that in I.1 will normally be required to replace it from any course listed in Part II.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers to the value of two units, taken after completion of courses for those papers. The second part will consist of the remaining paper to the value of one unit and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part of the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	May - June
Dissertation	5 September

M.Sc. Information Systems Development

Additional Entry Qualifications

This M.Sc. is a conversion course. No prior academic knowledge or training in computing or information systems is required. Commitment and interest is however required to be shown by applicants, and this may be supported by relevant work experience.

Duration of Course of Study

Full-time: One Calendar year. *Part-time:* Two calendar years.

Examination

Four courses as follows:

Paper Number	Paper Title	Course Guide Number
I		
1.	Software Engineering in Business Systems (full unit)	IS8371
2.	Systems Analysis and Design (half unit)	IS8307
3.	Information Systems Management (half unit)	IS8309
4.	Topics in Applied Computing (half unit)	IS8325
5.	Applied Data Management (half unit)	IS8377
6.	Information Systems Project	IS8374

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two taught papers taken after completion of courses for those papers. The second part will consist of the remaining examined paper and the project, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	May-June
Project	5 September

M.Sc. Information Systems Security

Additional Entry Qualifications

A candidate will be required to hold a degree in a relevant area, such as Information Systems, Computing Science and Business Management or Law with at least upper second class honours, or to have developed a significant portfolio of relevant professional experience. Familiarity with computer-based information systems is a pre-requisite. A qualifying examination may be prescribed for any candidate.

Curriculum

This is a specialist course which takes a socio-technical approach to the security of information systems. The course examines the organisational and management issues in security arising from the use of computer based information systems and deals with technical content in that context. There will be two full units in the principles and in the management of information systems security, a half-unit in legal aspects of secure computing, and a half-unit from a range of options, together with a project report.

Duration of Course of Study

Full-time: 12 months

Examination

Examinations to a total of three units and a project report. Whole units are examined by means of a three hour unseen written paper and most half-units by two hour unseen written papers (course work may also be assessed); but some half-units are examined by means of essays and projects. An oral examination may be held at the examiner's discretion.

Paper Number	Paper Title	Course Guide Number
I.		
1.	Principles of Information Systems Security (one unit)	IS8378
2.	Legal Aspects of Secure Computing (half-unit)	IS8380
3.	Information Systems Security Management (one unit)	IS8379
	<i>plus a half-unit option from</i>	
4.	<i>One from the following</i>	
	(a) Information Systems Management	IS8309
	(b) Intelligent Knowledge Based Systems	IS8323
	(c) Strategic Aspects of Information Technology	IS8322
	(d) Introduction to Organizational Analysis	Id4204
	(e) Advanced Topics in Information Systems	IS8326
	(f) Topics in Applied Computing	IS8325
	(g) Another option agreed with the Course Tutor	
	<i>and</i>	
II.	Information Systems Security Project	
	maximum 10,000 words on a project agreed with course tutor	

Dates of Examination

Written papers	May-June
Project	September

Lecture/
Seminar
NumberCourse Guide
Number

IS311	Software Engineering in Business Systems Dr. E. Whitley	40/ML	IS8371
IS360	Systems Analysis and Design Ms. A. Poulymenakou and Dr. T. Cornford	20/M	IS8307
IS361	Aspects of Information Systems Dr. S. Smithson	10/M	IS8308
IS362	Information Systems Colloquium Dr. S. Smithson	20/ML	IS8308
IS363	Information Systems Management Dr. S. Smithson and Professor I. O. Angell	20/L	IS8309
IS364	Information Systems Development Methodologies Dr. T. Cornford	25/L	IS8310
IS365	Information Systems Issues Dr. T. Cornford	8/L	IS8344; IS8349
IS367	Information Dr. J. Liebenau and Dr. J. Backhouse	30/M	IS8321
IS369	Strategic Aspects of Information Technology Dr. C. Avgerou and Dr. T. Cornford	15/ML	IS8322
IS370	Intelligent Knowledge Based Systems (Not available 1994-95)	20/ML	IS8323
IS378	Advanced Topics in Information Systems Professor I. O. Angell	20/L	IS8326
IS381	Information Technology and Socio-Economic Development Dr. J. M. Liebenau	20/M	IS8311; IS8367

Lecture/
Seminar
NumberCourse Guide
Number

IS382	Information Systems in Developing Countries Dr. C. Avgerou and Dr. S. Madon	20/ML	IS8312; OR8367
IS384	Seminar for Research Students in Information Systems Dr. J. M. Liebenau	30/MLS	
IS385	Applied Data Management Dr. T. Cornford	10/M	IS8377
IS391	Databases Dr. S. Madon	8/M	IS8325
IS392	Office Automation Dr. S. Smithson	9/M	IS8325
IS394	Networks Mr. D. Tsoubelis	15/L	IS8325
IS396	Databases II Dr. S. Smithson, Dr. S. Madon and Dr. J. Backhouse	8/L	IS8325
IS397	Semantic Analysis (Not available 1994-95)	8/M	IS8370
IS398	Research in Information Systems Dr. J. M. Liebenau	20/ML	IS298
IS455	Multimedia Information Systems Dr. M. Angelides	10/M	IS8381
IS456	Principles of Information Systems Security Dr. J. Backhouse	60/ML	IS8378
IS457	Information Systems Security Management Dr. J. Backhouse	40/ML	IS8379
IS458	Legal Aspects of Secure Computing Dr. J. Backhouse and Mr. W. T. Murphy	10/L	IS8380

Course Guides**Systems Analysis and Design
(Half unit course)**

Teachers Responsible: Ms. A. Poulymenakou, Room S105b and Dr. A. Cornford, Room S106
Course Intended Primarily for M.Sc. in the Analysis, Design and Management of Information Systems, Operational Research and Information Systems and Information Systems Development.

Core Syllabus: The course will give students an understanding of the process by which organisational problems are analyzed and information systems are developed to address them.

Course Content: The course considers the 'life cycle' of an information system and studies some widely used methods of analysis and design. It discusses issues of implementing and maintaining information systems. The project management perspective is introduced to complement the development one. The course also introduces some alternative approaches to information systems development and reviews the role of methodologies and organisational change.

Pre-Requisites: A basic knowledge of computing including hardware, software and programming.

Teaching Arrangements: IS360 **Systems Analysis and Design**, 20 two-hour seminars in the Michaelmas Term and 10 one-hour classes in the Michaelmas Term.

Reading List: C. Avgerou & T. Cornford, *Developing Information Systems: Concepts, issues and practice*, Macmillan, 1993; E. Yourdon, *Modern Structured Analysis*, Prentice Hall, 1989; R. S. Pressman, *Software Engineering: A Practitioners Approach*, McGraw Hill, 1992; P. Checkland, *Systems thinking, Systems practice*, Wiley, 1981; T. De Marco, *Structured Analysis and System Specification*. Selected Reading References to other appropriate books and papers will be provided by the lecturer.

Examination Arrangements: There is a two-hour formal examination in the Summer Term, based on the full syllabus.

**Aspects of Information Systems
(Half unit course)**

Teacher Responsible: Dr. S. Smithson, Room S110
Course Intended Primarily for M.Sc. in the Analysis, Design and Management of Information Systems (half-unit); M.Sc. Operational Research and Information Systems.

Core Syllabus: This course provides a discussion of a varied range of issues currently relevant to computer-based information systems, examined from theoretical and practical perspectives.

Course Content: The course concentrates on the application of information technology in organizations from the perspective of the user, the organization and the industry. Particular applications

of IT are discussed and practical work with software packages provided.

Pre-Requisites: A basic knowledge of computing.

Teaching Arrangements:

IS361 Aspects of Information Systems, 10 one-hour lectures and 20 classes in the Michaelmas and Lent Terms.

IS362 Information Systems Colloquium, 20 two-hour seminars, many given by visiting speakers, to be held in the Michaelmas and Lent Terms.

Reading List: B. Shneiderman, *Designing the User Interface*, Addison Wesley, 1987; R. M. Baecker & W. A. S. Buxton, *Readings in Human Computer Interaction*, Morgan Kaufmann, 1987; T. Forester, (Ed.), *Computers in the Human Context*, Blackwell, 1989, plus other books and journal articles.

Examination Arrangements: The course is examined entirely by course work in the form of projects/ presentations and a 5,000 word essay.

**Information Systems Management
(Half unit course)**

Teachers Responsible: Professor I. O. Angell, Room S102 and Dr. S. Smithson, Room S110

Course Intended Primarily for M.Sc. in the Analysis, Design and Management of Information Systems; M.Sc. Operational Research and Information Systems, M.Sc. Information Systems Development and M.Sc. in Information Systems Security

Core Syllabus: This course examines management and organisational issues involved in the introduction and operation of computer-based information systems in business organisations.

Course Content: The course discusses the ways in which information technology can be used for competitive advantage in business and will examine issues involved in the management of the technology, including policies for strategic planning, project management and the implementation of computer-based systems. Organisational problems are addressed, including end-user computing and the evaluation of computer-based information systems. Case Studies are used to demonstrate the key issues.

Pre-Requisites: A basic knowledge of computing including hardware, software and programming.

Teaching Arrangements: IS363 **Information Systems Management**, 10 one-hour lectures, 10 classes and 10 two-hour seminars in the Lent Term.

Reading List: I. O. Angell & S. Smithson, *Information Systems Management: Opportunity and Risk*, Macmillan, 1991; G. B. Davis & M. H. Olson, *Management Information Systems*, McGraw Hill; H. J. Watson et al. (Eds.), *Information Systems for Management*, 3rd edn., BPA, 1987; R. K. Wysocki & J. Young, *Information Systems: Management Principles in Action*, Wiley 1990; E. Somogyi & R. Galliers, *Towards Strategic Information Systems*; J. C. Wetherbe, V. T. Dock & S. L. Mandell, *Readings in Information Systems*, plus other books and journal articles.

Examination Arrangements: There is a two-hour formal examination in the Summer Term, based on the syllabus of IS363.

IS8310

**Information Systems Development Methodologies
(Half unit course)**

Teacher Responsible: Dr. A. Cornford, Room S106

Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems and M.Sc. in Operational Research and Information Systems.

Core Syllabus: To examine critically and comparatively the various approaches proposed for the development of information systems.

Course Content: The most established information systems development methodologies are studied and compared. Emphasis is given in exploring assumptions, principles, and characteristic features of different methods. Practice with various methods and their associated tools, notations and techniques are undertaken in case study based workshops.

Pre-Requisites: Knowledge of Systems Analysis to the level of the course **Systems Analysis and Design**.

Teaching Arrangements: IS364 10 one-hour lectures providing an overview and survey of the subject area. Students are expected to amplify the knowledge gained from lectures by guided reading. 10 two-hour seminars for case studies discussions and students assignments presentations. 5 two-hour workshops. Lent Term only.

Reading List: D. E. Avison & G. Fitzgerald, *Information Systems Development*; C. Avgerou & T. Cornford, *Developing Information Systems: Concepts, Issues and Practice*; E. Yourdin, *Modern Structured Analysis*; R. D. Galliers, *Information Analysis*; P. Checkland, *Systems Thinking - Systems Practice*; D. Connor, *Information Systems Specification and Design Road Map*; J. Cougar, M. Colter & R. Knapp, *Advanced Systems Development/Feasibility Techniques*; T. De Marco, *Structured Analysis and Systems Specification*; M. Jackson, *Systems Development*; M. Lundeberg et al., *Information Systems Development*; E. Mumford & M. Weir, *Computer Systems in Work Design: The ETHICS Method*; R. A. Hirschheim & R. J. Boland, *Critical Issues in Information Systems Research*; J. S. Keen, *Managing Systems Development*; E. Downs, et al., *Structured Systems Analysis and Design Method*; T. Wood-Harper et al., *Information Systems Definition: A Multiview Approach*; T. W. Olle et al., *Information Systems Methodologies: A Framework for Understanding*; F. Hickman et al., *Analysis for Knowledge-based Systems: a practical guide to the KADS methodology*; P. Coad & E. Yourdon, *Object Oriented Analysis*. References to appropriate papers will also be provided by the lecturer.

Examination Arrangements: There is a two-hour formal examination in the Summer Term, based on the syllabus. This examination accounts for 85% of the final mark. A student's performance during the course contributes the remaining 15% of the final mark.

IS8311

**Information Technology and Socio-Economic Development
(Half unit course)**

Teacher Responsible: Dr. J. Liebenau, Room S111
Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems.

Core Syllabus: This course gives an introduction to IT and development with special emphasis on the concepts of the transfer of technology and the character of the 'information economy'.

Course Content: Numerous national case studies will be analyzed, theoretical work on the transfer and development of technology will be discussed, and a major project (due at the end of the Michaelmas term) will focus on IT and development. A management style case will also be explored.

Teaching Arrangements: 20 seminars Michaelmas Term (IS381) one half-day conference towards the end of Lent Term. Students may also attend the annual Conference on Information Technology for Developing Countries.

Recommended Reading List: No one book covers the entire syllabus and many references are given during the course. The following books are particularly recommended: N. Rosenberg, *Inside the Black Box, Technology and Economics*, Cambridge, 1981; E. Mansfield, *Technology Transfer, Productivity and Economic Policy*, Norton, 1982; T. Forester, *The Information Technology Revolution*, Blackwell, 1985. A packet of required readings will be provided.

Examination Arrangements: The course is examined by a project and an examination paper. The project, due at the end of Lent Term, is worth 60% while the two hour examination paper will cover the whole course and is worth 40%.

IS8312

**Information Systems in Developing Countries
(Half unit course)**

Teachers Responsible: Dr. C. Avgerou, Room S104 and Dr. S. Madon, Room S105a

Course Intended Primarily for the M.Sc. in the Analysis, Design and Management of Information Systems.

Core Syllabus: The course covers the application of information technology to build effective information systems in developing countries. The problems involved are examined from social, economic, management and political perspectives.

Course Content: Development and management of information systems in the context of developing countries; issues of information systems infrastructure; information, telecommunications, education and training, management; information systems in government for planning and administration; relevant socio-economic theories; government policy for effective IT use. Case studies will be used to demonstrate the key issues.

Teaching Arrangements: 20 two-hour seminars (IS382), Michaelmas and Lent Terms.

Reading List: No one book covers the entire syllabus and many references are given during the course. The following books are particularly recommended: S. C. Bhatnagar & N. Bjorn-Andersen, *Information Technology in Developing Countries*, North-Holland, 1990; B. Murphy, *The International Politics of New Information Technology*, Croom Helm, 1986; M. Castells, *The Informational City*, 1989; S. C. Bhatnagar & M. Odedra, *Social Implications of Computers in Developing Countries*, 1992.

Examination Arrangements: The course is examined by a two-hour formal examination in the Summer Term and a project, due at the end of Lent Term. The examination paper is worth 60% while the project is worth 40%.

Information (Half Unit course)

Teachers Responsible: Dr. J. Backhouse, Room S113 and Dr. J. Liebenau, Room S111
Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems and M.Phil students in Information Systems.

Core Syllabus: To examine the nature of information in business and administrative systems from many different points of view.

Course Content: We stress the understanding of information in terms of signs and their uses. Our approach brings together a variety of disciplines, especially linguistics, philosophy, anthropology, and information systems to work towards a theory of information which will be of use in business and administration systems. The programme is organized around four themes: cultural context, meanings and references, logic and syntax, codes and signalling. One major focus will be the role of norms and the tension between formal and informal systems within complex organisations.

Teaching Arrangements: IS367 Information, 30 hours: 15 seminars and 15 classes, Michaelmas Term. Students are expected to amplify the knowledge gained from seminars by guided reading. Classes and seminars are used for case studies and presenting for discussion work by individuals or groups on issues raised by lectures.

Reading List: L. G. Andersson & O. Dahl, *Logic in Linguistics*; J. Liebenau & J. Backhouse, *Understanding Information: An Introduction*, Macmillan, 1990; H. L. Dreyfuss & S. E. Dreyfuss, *Mind Over Machine*, Blackwell, 1986; C. F. Flores & T. Winograd, *Understanding Computers and Cognition*, 1986; C. Shannon & W. Weaver, *The Mathematical Theory of Communication*, University of Illinois, 1964; R. K. Stamper, *Information in Business and Administrative Systems*, Batsford, 1973; M. Douglas, *How Institutions Think*, Routledge, 1986; J. Searle, *Minds, Brains and Science*, BBC Publications, 1984.

Examination Arrangements: There is a two-hour formal examination in the Summer Term. All questions carry equal marks. Graded essays will also count towards the final mark.

Strategic Aspects of Information Technology (Half unit course)

Teachers Responsible: Dr. C. Aygerou, Room S104 and Dr. A. Cornford, Room S106

Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems, M.Sc. Operational Research and Information Systems and M.Sc. in Information Systems Security.

Core Syllabus: The course considers the role of IT in the economies and societies of industrialised nations. It examines issues of national and international IT policy.

Course Content: The significance of IT for economic growth. Concern on the societal impact of IT. Theoretical foundations of the notion of an information economy. IT industries; microelectronics, hardware manufacturing, software production, telecommunications, information services. Social issues, legal issues and policy options.

Pre-Requisites: Students should have a basic knowledge of information technology and social science.

Teaching Arrangements: IS369 10 X 1 hour lectures, Michaelmas Term, 10 X 2 hour seminars, Michaelmas Term, 5 X 2 hour seminars, Lent Term.

Reading List: OECD, *New Technology in the 1990s: A Socio-economic Strategy*; S. Nora & A. Minc, *The Computerization of Society*; S. Saxby, *The Age of Information*; K. Robins & F. Webster, *The Technical Fix: Education, Computers and Industry*; S. Schaff (Ed.), *Legal and Economic Aspects of Telecommunications*.

ITAP, *Making a Business of Information*; C. Edwards & N. Savage, *Information Technology and the Law*; 'Information Technology - A plan for Concerted Action' HMSO, 1986; P. I. Sorkocsy (Ed.), *Oxford Surveys in Information Technology* Volumes 1, 2 & 3, Oxford University Press, 1984-86; M. Breheny & R. McQuaid (Eds.), *The Development of High Technology Industries - an International Survey*, Croom Helm Publishers, 1987; R. Mansell, *The new Telecommunications, A Political Economy of Network Evolution*, Sage, 1993; M. Sharp & C. Shearman, *European Technological Collaboration*, Chatham House Papers, 1987; M. Sharp (Ed.), *Europe and the New Technologies*, Frances Pinter Publishers, 1985; 'The effect of new information technology on the less favoured regions of the Community' The commission of the European Communities, 1985; Publications 8, 9, 10, 11, 12 & 13 of the ICCP unit (OECD 1984-87); E. Ploman, *International Law Governing Communications and Information*, Frances Pinter Publishers, 1982; M. Castells, *The Informational City*, 1989.

Examination Arrangements: There is a two hour formal examination in the Summer Term, based on the full syllabus.

Intelligent Knowledge Based Systems (Half unit course)

(Not available 1994-95)

Teacher Responsible: Dr. E. A. Whitley, Room S103

IS8322

Course Intended Primarily for M.Sc. in Analysis, Design and Management of Information Systems, M.Sc. in Operational Research and Information Systems and M.Sc. in Information Systems Security.

Core Syllabus: This course is intended to cover development and organisational issues of IKBS. It also examines its relationship to Information Systems development.

Course Content: Techniques and tools used for designing IKBS. Knowledge representation, searching, matching, planning. Knowledge engineering, knowledge acquisition. ES as a modelling activity. Knowledge as part of Management Support Systems. Acceptability and legal issues. Requirements to be addressed by practical ES software. Semantics and common sense in the KB. Products today and tomorrow. Natural Language Processing & Intelligent Tutoring Systems.

Pre-Requisites: A basic knowledge of computing.
Teaching Arrangements: IS370 Intelligent Knowledge Based Systems, 20 1-hour seminars Michaelmas and Lent Terms and 20 classes.

Reading List: G. I. Doukidis, V. P. Shah & M. C. Angelides, *LISP: From Foundations to Applications*, Chartwell-Bratt, 1988; G. I. Doukidis & E. A. Whitley, *Developing Expert Systems*, Chartwell-Bratt, 1988; R. J. Mockler, *Knowledge-Based Systems for Management Decisions*, Prentice-Hall, 1989; A. Hart, *Knowledge Acquisition*, Kogan Page, 1986; P. Harmon & D. King, *Expert Systems: Artificial Intelligence in Business*, John Wiley, 1985; H. L. Dreyfus & S. E. Dreyfus, *Mind Over Machine*, Blackwell, 1986; L. Suchman, *Plans and Situated Actions*, Cambridge University Press, 1987; H. M. Collins, *Artificial Experts: Social knowledge and intelligent machines*, MIT Press, 1990.

Examination Arrangements: This course is examined by course work and/or project work. The nature of the work will depend on how many students take the course.

IS8325

Topics in Applied Computing (Half unit course)

Teacher Responsible: Dr. S. Smithson, Room S110
Other teachers involved: Dr S. Madon and Mr. D. Tsoubelis

Course Intended for M.Sc. in Analysis, Design and Management of Information Systems, M.Sc. in Information Systems Development and M.Sc. in Information Systems Security.

Course Content: Students select two out of the following four topics under supervisor's guidance:

(a) Databases

Core Syllabus: The course is an introduction to the analysis, design and implementation of relational databases.

Course Content: Analysis: conceptual modelling. (E-R modelling), normalisation. Design: Database specification and manipulation, relational algebra, SQL. Implementation and Management: DBMS software (paradox for windows). Physical database design.

Pre-Requisites: A basic knowledge of computing.

Teaching Arrangements: IS391 8 lectures and 10 practical classes starting week 1 in the Michaelmas Term.

Reading List: C. Date, *Introduction to Database Systems* Volume 1, 4th Edn., Addison-Wesley, 1986; C. Date, *Introduction to Database Systems* Volume 2, 4th Edn., Addison-Wesley, 1986; B. Eagleston, *Relational Databases*, Stanley-Thornes, 1991; P. Rob & C. Coronel, *Database Systems - Design, Implementation and Management*, Wadsworth, 1993.

(b) Office Automation

Core Syllabus: This course examines both the technical and non-technical issues involved in office automation.

Course Content: The course covers the models and technology currently used in office automation and examines the problems and opportunities in integrated office information systems.

Pre-Requisites: None.

Teaching Arrangements: IS392 Office Automation 9 two-hour seminars in the Michaelmas Term.

Reading List: R. A. Hirschheim, *Office Automation, Concepts, Technologies and Issues*; R. A. Hirschheim, *Office Automation: A Social and Organisational Perspective*, Wiley, 1985; R. J. Long, *New Information Technology: Human and Managerial Implications*, Croom Helm, 1987.

(c) Networks

Core Syllabus: This course provides an Introduction to Computer Communications.

Course Content: Objectives, Data Transmission Techniques, Protocols, Network Architectures, ISO Communication Layers, Public Data Networks, Local Area Networks, Value Added Networks, Network management, Internet.

Pre-Requisites: Elementary knowledge of computer architecture and the PASCAL programming language.

Teaching Arrangements: IS394. There are 15 one-hour lectures in the Lent Term.

Reading List: W. Stallings, *Data and Computer Communications*, 3rd edn., Maxwell Macmillan, 1992; W. Stallings, *Local and Metropolitan area networks*, 4th edn., Maxwell Macmillan, 1993; A. S. Tanenbaum, *Computer Networks*, 2nd edn., Prentice Hall, 1989; F. Halsall, *Data Communications, Computer Networks and Open Systems*, 3rd edn. Addison Wesley, 1992; C. Hunt, *TCP/IP Network Administration*, O'Reilly & Associates, 1993; E. Kroll, *The Whole Internet User's Guide & Catalog*, O'Reilly & Associates, 1992; J. Fitzgerald, *Business Data Communications*, 4th edn., John Wiley and Sons, 1993.

(d) Databases II

Core Syllabus: This course is concerned with advanced aspects of databases, both structured and text-based.

Course Content: Database semantics, object-oriented databases, distributed databases, information retrieval systems.

Pre-Requisites: A basic knowledge of databases to the level of (a) above.

Teaching Arrangements: IS396 8 2-hour seminars in the Lent Term.

Reading List: G. Salton & M. J. McGill, *Introduction to Modern Information Retrieval*, McGraw Hill, 1983 and others.

IS8326
Advanced Topics in Information Systems
(Half unit course)

Teacher Responsible: Professor I. O. Angell, Room S102

Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems and M.Sc. in Information Systems Security

Core Syllabus: Global Consequences of Information Technology. An investigation into the effect of advances in information technology on man's underlying social structures - particularly his commercial and political structures.

Course Content: Ethics (systems of belief), politics (systems of government), industry (manufacturing and commerce), economics (industry and politics), information technology (computer and telecommunications) and technological innovation.

Pre-Requisites: None.

Teaching Arrangements: IS378 Michaelmas Term. Three hours per week for ten weeks.

Reading List: William Gibson, *Neuromancer*, Grafton Books; Jane Jacobs, *Systems of Survival*, Hodder & Stoughton; Friedrich Hayek, *The Road to Serfdom*, University of Chicago Press; Sun Tzu, *The Art of War*, Oxford University Press; Ronald Coase, *The Firm, the Market and the Law*, University of Chicago Press; Robert Reich, *The Work of Nations*, Simon & Schuster; Kenichi Ohmae, *The Borderless World*, Fontana; Michael Porter, *The Competitive Advantage of Nations*, Macmillan.

Examinations: The course is examined through the writing of an article/essay and the collection of source material.

Semantic Analysis
(Half unit course)

(Not available 1994-95)

Teacher Responsible: Dr. J. Backhouse, Room S112

Course Intended Primarily for M.Sc. in Analysis, Design and Management of Information Systems (ADMIS).

Core Syllabus: This course is seen as an extension of the Information (IS367) course, where a broad based introduction to organisational semiotics is extended into advanced techniques for performing information requirements analysis. The underlying concern of the course is the problem of matching the signs held in formal systems, such as computer-based and paper-based systems, with the activities in business and social organisation.

Course Content: The course addresses tasks such as information requirements analysis and specification, schema modelling and knowledge representation and introduces a method for information systems requirements analysis built from a combination of elements of sign theory and a theory of behaviour. The method aids the resolution of semantic problems in information systems work

and draws the analyst through a very complete examination of the meanings used in organisational communication.

Teaching Arrangements: IS397 *Semantic Analysis*, 8 two-hour seminars and 8 classes Lent Term. Seminars are primarily used for providing an overview and survey of the subject area. Students are expected to amplify the knowledge gained from seminars by guided reading. Classes are used for case studies and presenting for discussion work by individuals or groups on issues raised by lectures.

Reading List: J. Backhouse, *The use of semantic analysis in the development of information systems (forthcoming)*; Ringland & Duce (Eds.), *Approaches to Knowledge Representation*, RKP, 1989.

Examination Arrangements: The course is examined by coursework.

IS8371
Software Engineering in Business Systems

Teacher Responsible: Dr. E. A. Whitley, Room S103

Course Intended Primarily for M.Sc. Information Systems Development.

Core Syllabus: The course aims to give students a theoretical and practical introduction to programming and the key principles of software engineering.

Course Content: Introduction to programming in a 3rd generation programming language: the course currently teaches Pascal. Issues of software engineering: Design issues including the representation and decomposition of a systems specification. Layering. Analysis of design options. Management of software production, Human factors. Design techniques based on formal methods. Object oriented approaches. Design tools, production tools and environments. Knowledge engineering in design. Software metrics. Testing and Maintenance.

Pre-Requisites: There are no pre-requisites.

Teaching Arrangements: IS311 40 lectures Michaelmas and Lent Terms and IS311a project group meetings of 20 hours.

Reading List: R. S. Pressman, *Software Engineering: A Practitioners Approach*, 3rd edn., McGraw Hill, 1992; I. Sommerville, *Software Engineering*, 4th edn., Addison-Wesley, 1992; H. van Vliet, *Software Engineering: Principles and practice*, John Wiley & Sons, 1993; F. P. Brooks, *The Mythical Man Month*, Addison Wesley, 1982; J. Price, *How to Write Computer Manuals: A Handbook of Software Documentation*; Benjamin/Cummings Publishing, 1984; D. Lightfoot, *Formal Specification using Z*, Macmillan, 1991; D. A. Norman, *The Psychology of Everyday Things*, Basic Books, 1988; B. Potter, J. Sinclair & D. Till, *An Introduction to Formal Specification and Z*, Prentice Hall, 1991; G. J. Meyers, *The art of software testing*, John Wiley & Sons, 1979.

Examination Arrangements: A two-hour formal examination in the Summer Term accounts for 60% of the marks. A practical project accomplished throughout the year accounts for 40%.

IS8374
Information Systems Project

Teacher Responsible: Dr. A. Cornford, Room S106

Course Intended Primarily for M.Sc. Information Systems Development.

Core Syllabus: This course provides the student with an opportunity to pursue a substantial piece of work in information systems. The work may be of a theoretical or practical character and will be selected under the guidance of the course teacher. The student is expected to produce a report of not more than 10,000 words.

Course Content: Selection and specification of projects. Methodology for project execution. Report writing. Discussion of project progress.

Pre-Requisites: There are no pre-requisites.

Teaching Arrangements: One week of intensive teaching in the Summer Term. Each student will be assigned a supervisor who will be able to give individual advice and monitor progress.

Reading List: Turabain, *A Manual for writers of Research Papers, Theses and Dissertations*, Chicago; Chapman & Mahon, *Plain Figures*, HMSO; Margerison, *Managerial Consulting Skills*, Gower; E. Tufte, *The Visual Display of Quantitative Information*, Graphics Press; C. Corder, *Ending the Computer Conspiracy*, McGraw Hill, 1985.

Examination Arrangements: Assessment is based entirely on the report, three copies of which must be submitted to the supervisor by the 1st of September.

IS8377
Applied Data Management
(Half unit course)

Teacher Responsible: Dr. A. Cornford, Room S106

Other teachers involved: Dr. M. Angelides

Course Intended Primarily for M.Sc. Information Systems Development.

Core Syllabus: This course enables students to explore a variety of significant areas in contemporary computing.

Course Content: *Desk-top Computing*: common software components of information systems including data management software and fourth generation programming environments, spreadsheets, text handling and modelling software.

Pre-Requisites: There are no pre-requisites.

Teaching Arrangements: IS312 **Introduction to Data Management Systems** - 15 lectures and 15 classes, plus 10 project seminars in the Michaelmas Term (IS385)

Reading List: S. L. Mandell, *Computers and data processing - Concepts and applications*, 3rd edn., West Publ., 1985; Raymond Panko, *End user computing: Management applications and technology*, Wiley, 1988; D. R. Howe, *Data analysis for data base design*, Edward Arnold, 1983; A. Rock-Evans & I. Palmer, *Data analysis*, Computer Weekly publications, 1981; *WordPerfect documentation*; *Lotus 123 documentation*; *DrawPerfect documentation*; *Paradox documentation*; *Microsoft*

Windows documentation.

Examinations Arrangements: There is a two hour formal examination in the Summer Term which counts for 50% of the course grade. The additional 50% is awarded for course work.

IS8378
Principles of Information Systems Security

Teacher Responsible: Dr. J. Backhouse, Room S113

Other teachers involved: Professor I. O. Angell, Dr. J. Liebenau and Mr. D. Tsoubelis

Course Intended Primarily for M.Sc. Information Systems Security, M.Sc. ADMIS

Core Syllabus: to identify and develop durable principles and to illuminate underlying concepts for the management of security which cover the full range and scope of information systems in organisations.

Course Content The orthodox security principles: confidentiality, integrity, availability.

Principles of information systems analysis for security; concept of analysis; basic features of information systems, semiotic model. Principles of policy for security. Principles of risk and contingency. Principles of communication and security issues; theory of communication; pragmatics of security from speech act theory. Principles underlying semantics of security and the security of semantics; integrity as question of consistency, ethics and moral standards; fraud. Essentials in secure databases and programs. Fundamental concepts in hacking and sabotage: misuse in the technical systems, malicious damage and physical security. Nature of insecure computing: economic, competitive and organisational aspects. Nature of responsibility and organisational theory applied to security. Developing professional practices, codes of conduct, standards and ethics. Principles of standardisation and systems security; standards setting bodies, interest groups. Data encryption fundamentals. Network security principles. Case studies

Pre-Requisites Familiarity with computer-based information systems.

Teaching Arrangements: Michaelmas and Lent terms; 40 hours seminar, 20 hours lectures, 20 hours classes (IS456).

Reading List T. Cannon, *Corporate Responsibility*, Financial Times - Pitman Publishing, 1992; S. Dawson, *Analysing Organisations*, Macmillan, 1992; T. Forester & P. Morrison, *Computer Ethics: Cautionary Tales and Ethical Dilemmas*, Basil Blackwell, 1990; J. Liebenau & J. Backhouse, *Understanding Information: an Introduction*, Macmillan, 1990; C. Pfleeger, *Security in Computing*, Prentice Hall, 1989; G. Robb, *White Collar Crime in Modern England*, Cambridge, 1992; M. R. Smith, *Commonsense Computer Security*, 2nd edn., McGraw Hill, 1993.

Examination Arrangements: There is a three hour formal examination in the Summer Term and course work assessment.

IS8379

Information Systems Security Management

Teacher Responsible: Dr J. Backhouse, Room S113

Other teachers involved: Professor I. O. Angell, Dr. J. Liebenau and Mr. D. Tsoubelis

Course Intended Primarily for M.Sc. Information Systems Security

Core Syllabus: This course targets the implementation of the principles outlined in the course *Principles of Information Systems Security* and considers the management issues involved. Practical project work will be undertaken to illustrate the importance of addressing the management perspectives.

Course Content: Management of information systems; models, frameworks and trends. The security manager within the organization; roles, responsibilities, professional figure. Implementing principles of management. Managing security policies; fit of business with security strategy. The management of risks and contingency management, methodologies. Managing secure communications. Auditing for IS security. Management of external and internal threats posed by means of the technical systems. Management of physical security. Disaster recovery; business continuity planning, business impact reviews. Awareness, incident reporting and access. Personnel management: selection, training, assessment. Security evaluation and evaluation criteria: issues for management: ITSEM, ITSEC, TCSEC. Management ethics: operationalising codes of conduct. Implementing baseline standards and codes of practice. Implementing encryption/decryption systems. Network security management. Case studies of secure installations.

Pre-Requisites: Familiarity with computer-based information systems.

Teaching Arrangements: Michaelmas and Lent terms; 40 hours lectures, 20 hours classes (IS457).

Reading List: R. Clark *et al.*, (Eds.), *The Security, Audit and Control of Databases* Avebury Technical, 1991; Department of Defense, *Trusted Computer System Evaluation Criteria*, 5200.28-STD, 1985; DTI, *A Code of Practice for Information Security Management*, 1993; European Commission, *Green Paper on the Security of Information Systems*, Draft 4.2.1, 1994; Institute of Internal Auditors Research Foundation, *Systems Auditability and Control Report*, 1991; L. J. Kutten & A. E. Strehler, *Electronic Contracting Law: EDI and Business Transactions*, Clark Boardman Callaghan, 1991; S. Muftic (Ed.), *Security Architectures for Open Distributed Systems*, John Wiley, 1993; D. W. Roberts, *Computer Security Policy, Planning and Practice*, 1990; A. Warman, *Computer Security within Organisations*, Macmillan, 1993.

Examination Arrangements: There is a three hour formal examination in the Summer Term and course work assessment.

IS8380

Legal Aspects of Secure Computing (Half Unit course)

Teachers Responsible: Dr. J. Backhouse and Mr. W. T. Murphy

Other teacher responsible: Dr. J. Liebenau

Core Syllabus: This course is designed to introduce students to all the major legal aspects relevant to information systems security.

Course Intended Primarily for M.Sc. Information Systems Security, M.Sc. ADMIS

Course Content: A Legal Model for Information Security: Why is electronic information different?; New Technologies; Effect of new technologies on the law and privacy; EC Information Security: A definition; Why harmonisation? Legislation; Information security initiatives; UK Information Security: Positive legislation, Code of Practice; Contracts: Hardware, software, facilities management, services; public procurement: IPRs, Virus indemnities, Warranties, Testing; Legislation affecting contacts; Employment: Security checks and vetting, Employment contracts; Crime Legislation: CMA: Interception of Telecommunications Act [etc], Substantive crime, Investigation; Liability: Standards of liability: Negligence, Strict liability, Duty of Care: Liability arising from computer systems: Product liability; Who can be liable?, Defences; Communications: Legal issues: EDI, Messaging, E-Mail, Bulletin boards, Electronic publishing [etc.], Liability: Operators, Carrers [etc.]; Procedural Issues: Computer-generated evidence, Jurisdiction, Standards.

Pre-Requisites: Familiarity with computer based information systems.

Teaching Arrangements: Lent term, 20 hours lectures, 10 hours classes (IS458).

Reading List: D. Bainbridge, *Introduction to Computer Law*, Pitman Publishing, 1993; C. Pounder & F. Kosten, *Managing Data Protection*, Butterworth-Heinemann, 1992; E. Giannantonio (Ed.), *Law and Computers: Selected Papers from the 4th International Conference of the Italian Corte Suprema di Cassazione*, Giuffrè, 1991; B. Hewson, *Seizure of Confidential Material*, Butterworths, 1993; B. Wright, *Law of Electronic Commerce*, Little Brown and Company, 1991; S. Saxby (Ed.), *Encyclopedia of information technology law*, Sweet and Maxwell, 1990.

Examination Arrangements: There is a two hour formal examination in the Summer Term and course work assessment.

IS8381

Multimedia Information Systems (Half unit course)

Teacher Responsible: Dr. M. Angelides, Room S106b

Course Intended Primarily for M.Sc. Analysis, Design and Management of Information Systems.

Core Syllabus: An examination of new trends in Multimedia Information Systems.

Course Content: From Text To Hypertext, The Multimedia Revolution, The Challenge to MIS Management, Multimedia Markets, Promising Multimedia Applications, The Anatomy of a Multimedia Platform, The Multimedia 'War Room', Multimedia Authoring Systems. Several 'outside' speakers will be invited to give additional lecture presentations.

Pre-Requisites: None.

Teaching Arrangements: IS455 10 weekly two-hour lectures and 5 weekly two-hour classes in the Michaelmas Term.

Reading List: There is no textbook suitable for the course. Detailed suggestions for reading will be given during the lectures. However, the following books are recommended for background reading: T. Badget & C. Sandler, *Creating Multimedia on your PC*, John Wiley & Sons, 1994; M. E. Hodggers & R. M. Sasnett, *Multimedia Computing: Case Studies from the Project Athena*, Addison-Wesley, 1993; J. Burger, *The DeskTop Multimedia Bible*, Addison-Wesley, 1993; T. Yager, *Multimedia Production Handbook*, Academic Press, 1993; K. Jasma, *Instant Multimedia for Windows 3.1*, John Wiley & Sons, 1993; N. M. Thalmann, *Virtual Worlds and Multimedia*, John Wiley & Sons Ltd., 1993; T. Vaughan, *Multimedia: Making It*

Work, McGraw Hill, 1993; B. O. Szuprowicz, *Multimedia Technology: Combining Sound, Text, Computing, Graphics and Video*, Computer Technology Research Corporation, 1992; M. M. Blattner & R. B. Dannenberg (Eds.), *Multimedia Interface Design*, ACM Press, Frontier Series, 1992; M. Giardina (Ed.), *Interactive Multimedia Learning Environments: Human Factors and Technical Considerations on Design Issues*, NATO ASI Series F: Computer and Systems Sciences Vol. 93, Springer Verlag, 1992; J. A. Waterworth *Multimedia Interaction with Computers*, Ellis Horwood Series in Information Technology, 1992; J. A. Waterworth, *Multimedia Technology and Applications*, Ellis Horwood Series in Information Technology, 1991.

Examination Arrangements: There is no written examination for this course. The course is examined entirely by project work.

Department of International History

M.A./M.Sc. International History

The course will extend over one calendar year, or in the case of part-time students over two calendar years.

The Examination will consist of three papers and a dissertation.

Examiners may also take into account any seminar papers prepared by a candidate during the course.

Candidates will not be permitted to submit the dissertation unless they have satisfied the examiners in the three written papers.

For some courses a reading knowledge of at least one European language in addition to English would be an advantage.

Branch 1. International History in the Twentieth Century

Paper Number	Paper Title	Course Guide Number
1.	International History in the Twentieth Century (candidates may concentrate upon <i>either</i> the period to <i>c.</i> 1965, or the period since 1945)	Hy4415
2.	One special subject:	
	(a) The Coming of War, 1911-1914	Hy4485
	(b) The Russian Revolution, 1914-1921	Hy4532
	(c) Spain and the Great Powers, 1936-1953: Civil War, World War, Cold War	Hy4526
	(d) The Period of Appeasement, 1937-1939 (not available 1994-95)	Hy4515
	(e) Germany's New Order in Europe, 1939-1945	Hy4527
	(f) Nationalism, Communism and Conflict in East Asia, 1933-54	Hy4490
	(g) The European Settlement, 1944-1946 (not available 1994-95)	Hy4520
	(h) French External Relations in the Era of de Gaulle, 1940-1969	Hy4528
	(i) The Establishment of Communism in Central Europe, 1945-1956	Hy4530
	(j) Great Britain and her Western Allies, 1948-1954	Hy4483
	(k) The Suez Crisis: Origins and Impact, 1945-1962	Hy4484
	(l) The Crisis of Hegemony: American Foreign Policy from Kennedy to Ford, 1961-1976 (Students taking this paper must concentrate on the period before <i>c.</i> 1965 in paper 1)	Hy4531
3.	<i>Either:</i> A second special subject from the list above <i>Or:</i> A paper from another Master's degree taught at the School complementary with the other papers chosen by the candidate (subject to the approval of the candidate's supervisor and the teachers concerned). This may include paper Hy4521 Europe: Unity and Disunity since the Renaissance in Branch 2 of the MA/MSc.	
4.	Dissertation, of not more than 10,000 words on a topic within the field of the period selected	

Dates of Examination

Written paper	June
Essay	Not later than 15 September

Branch 2. The Making of Contemporary Europe

Paper Number	Paper Title	Course Guide Number
1.	Europe: Unity and Disunity since the Renaissance	Hy4521
2&3.	<i>Either</i> One paper from section I and one from section II	
	<i>Or</i> Two papers from section I	
	<i>Or</i> Two papers from section II, one of which must be from II(a) or II(b)	
I	(a) Russia and the West from the Enlightenment to the Revolution, <i>c.</i> 1762-1917	Hy4529
	(b) Cobden, Free Trade and Europe, 1846-1880	Hy4482
	(c) The Revolutions of 1848	Hy4481
	(d) The Coming of War, 1911-1914	Hy4485
	(e) Germany's New Order in Europe, 1939-1945	Hy4527
	(f) Spain and the Great Powers, 1936-1953: Civil War, World War, Cold War	Hy4526
	(g) French External Relations in the Era of de Gaulle, 1940-1969	Hy4528
II	(a) European Integration in the Twentieth Century	Hy4522
	(b) European History since 1945	Hy4540
	(c) A paper from another Master's degree taught at the School complementary with the other papers chosen by the candidate (subject to the approval of the candidate's supervisor and the teachers concerned)	
4.	Dissertation, of not more than 10,000 words on a topic within the field of the period selected	

Dates of Examination

Written papers	June
Essay	Not later than 15 September

M.A. in Later Modern British History

The course will extend over one calendar year, or in the case of part-time students over two calendar years.

The examination will consist of three papers and a dissertation.

Examiners may also take into account any seminar papers prepared by a candidate during the course.

Candidates will not be permitted to submit the dissertation unless they have satisfied the examiners in the three written papers.

Teaching for some of the papers listed below is offered at King's College or the Institute of Commonwealth Studies.

Paper Number	Paper Title	Course Guide Number
1.	One of the following periods of British Political History (including a knowledge of its sources and historiography):	
	(a) 1815-1914	Hy4541
	(b) Policies, Institutions and Alignments: the History of British Politics in the 20th Century	Gv4027

Paper Number	Paper Title	Course Guide Number
2.	One of the following:	
(a)	British Labour History, 1815-1939	EH2700
(b)	British Imperial History, 1783-1870 (<i>Taught KC</i>)	
(c)	British Imperial History, 1870-1918 (<i>Taught KC</i>)	
(d)	(i) History of the Empire and Commonwealth, 1918 to the present (<i>Taught KC</i>)	
or	(ii) Decolonization: The Modern Experience (<i>Taught Institute of Commonwealth Studies</i>)	
(e)	The Realignment of Political Ideas in Modern Britain: Principal Themes in Modern British Political Thought and The Realignment of Political Ideas in Modern Britain: Realignments - Markets, Property, Nationalism and Citizenship	Gv4024
(f)	The Government and Politics of Ireland (half unit)	Gv4029
(g)	British Foreign Policy, 1814-1914	Hy4486
(h)	British Foreign Policy since 1914	Hy4487
3. Either	(i) A Special Subject:	
(a)	Anglo-American Relations, 1815-1872	Hy4470
(b)	Cobden, Free Trade and Europe, 1846-1882	Hy4482
(c)	Great Britain and Her Western Allies, 1948-1954	Hy4483
(d)	Constitutional Issues in Britain (<i>not available 1994-95</i>)	Gv4075
(e)	The Suez Crisis: Origins and Impact, 1945-1962	Hy4484
or	(ii) One paper from 1 and 2 not already chosen	
4.	A dissertation not exceeding 10,000 words on a subject related to the course, to be approved by the supervisor	

Dates of Examination

Written papers	June
Dissertation	Not later than 15 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/Seminar Number	Course Title	Course Guide Number
Hy151	Germany's New Order in Europe, 1939-1945 Dr. M. Burleigh	20ML Hy4527
Hy165	International History in the Twentieth Century Dr. R. Boyce and Dr. D. Stevenson	25/MLS Hy4415
Hy166	British Political History 1815-1914 Dr. A. C. Howe	22/MLS Hy4541

Lecture/Seminar Number	Course Title	Course Guide Number
Hy167	Russia and the West: From the Enlightenment to the Revolution, 1762-1917 (<i>Not available 1994-95</i>) Dr. J. Hartley	15/ML Hy 4529
Hy168	The Establishment of Communism in Central Europe, 1945-1956 Dr. A. Prazmowska	20/ML Hy4530
Hy169	The Crisis of Hegemony: American Foreign Policy from Kennedy to Ford, 1961-1976 Dr. D. McKay and Dr. C. J. Kent	20/ML Hy4531
Hy170	European Integration in the Twentieth Century Dr. D. Stevenson	25/MLS Hy 4522
Hy171	Europe: Unity and Disunity since the Renaissance Dr. M. J. Rodriguez-Salgado	22/MLS Hy 4521
Hy174	British Foreign Policy Since 1914 (Intercollegiate Seminar) Dr. M. J. Dockrill	20/ML Hy4487
Hy175	British Imperial History, 1783-1870 (Intercollegiate Seminar)	Hy4440
Hy176	British Imperial History, 1870-1918 (Intercollegiate Seminar)	Hy4441
Hy177	History of the Empire and Commonwealth, 1918 to the Present (Intercollegiate Seminar)	Hy4442
Hy178	Decolonization: The Modern Experience (Intercollegiate Seminar)	Hy4443
Hy179	The Russian Revolution, 1914-1921 Dr. J. Hartley and Dr. A. Prazmowska	15/ML Hy4532
Hy189	The Revolutions of 1848 (<i>Not available 1994-95</i>) Dr. A. Sked	25/MLS Hy4481
Hy190	Cobden, Free Trade and Europe, 1846-1882 Dr. A. Howe	20/ML Hy4482
Hy192	French External Relations in the Era of de Gaulle, 1940-1969 Dr. R. Boyce	20/ML Hy4528

Lecture/
Seminar
NumberCourse Guide
Number

Hy193	Nationalism, Communism and Conflict in East Asia, 1933-1954 Dr. A. Best	24/MLS	Hy 4490
Hy194	The Coming of War, 1911-1914 Dr. D. Stevenson	25/MLS	Hy4485
Hy196	Spain and the Great Powers, 1936-1953 Professor P. Preston	22/MLS	Hy4526
Hy202	The Period of Appeasement, 1937-1939 (Not available 1994-95)		Hy4515
Hy203	The European Settlement, 1944-1946 (Not available 1994-95)		Hy4520
Hy204	Great Britain and Her Western Allies, 1948-1954 Dr. C. J. Kent	18/ML	Hy4483
Hy205	The Suez Crisis: Origins and Impact, 1945-1962 Dr. C. J. Kent	23/MLS	Hy4484
Hy241	European History since 1945 Dr. A. Sked	25/MLS	Hy4540

Course Guides

Detailed study guides are provided for most of the following courses. Intending students should consult individual teachers of courses where there is no study guide.

Hy4415**International History in the Twentieth Century**

Teachers Responsible: Dr. C. J. Kent, Room E507, Dr. A. Prazmowska, Room E602 and Dr. D. Stevenson, Room E508

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: The history of international relations from the First World War to the end of the Cold War. Students specialize either in the period 1914-c.1965 ('From World Wars to Cold War'), or in the period 1945-1991 ('The Cold War World').

Course Content: The impact of the First World War on international relations; the post-war settlements in Europe and East Asia; the Great Depression and its

consequences; the crisis of the League of Nations; German and Japanese expansion; the responses of Britain, France, the Soviet Union and the USA; the coming of the Second World War in Europe and the Pacific; the Grand Alliance and its breakdown; the origins of the Cold War and the division of Europe; the evolution of American containment policy from the Marshall Plan to the Korean War; the extension of the Cold War into the Middle East, South-East Asia, Africa, and Latin America; Soviet intervention in Eastern Europe; the Sino-Soviet split; American policy under Eisenhower, Kennedy, Johnson, and Nixon; the Vietnam War and the 1970s detente; the resurgence of the Cold War and its termination.

Pre-Requisites: A prior knowledge of twentieth-century world history is an advantage. Students unfamiliar with the subjects covered should do some preliminary reading.

Teaching Arrangements: Students should attend one of two weekly seminars (Hy165), the first on 1914-c.1965 and the second on 1945-1989. They should also attend the lecture programme Hy 128 International History since 1914.

Reading List: Full bibliographies are provided in the seminars. Students may consult the following introductory accounts: W. R. Keylor, *The Twentieth-Century World: an International History* (Oxford,

1984); C. J. Bartlett, *The Global Conflict, 1880-1970* (London, 1984); S. J. Marks, *The Illusion of Peace: International Relations in Europe, 1918-1933* (London, 1976); P. M. Bell, *The Origins of the Second World War in Europe* (London, 1986); T. E. Vadney, *The World Since 1945* (Harmondsworth, 1987); J. L. Gaddis, *Strategies of Containment: A Critical Appraisal of Postwar American National Security Policy* (Oxford, 1982).

Examination Arrangements: There will be one three-hour written examination in the Summer Term. Candidates will be expected to answer three questions, taken either from Section A or from Section B of the paper.

Hy4440**British Imperial History, 1783-1870**

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: Intercollegiate Seminar (Hy175), Sessional.

Hy4441**British Imperial History, 1870-1918**

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: Intercollegiate Seminar (Hy176), Sessional.

Hy4442**History of the Empire and Commonwealth, 1919 to the Present**

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: Intercollegiate Seminar (Hy177), Sessional.

Hy4443**Decolonization: The Modern Experience**

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: Intercollegiate Seminar (Hy178), Sessional.

Hy4481**The Revolutions of 1848**

(Not available 1994-95)

Teacher Responsible: Dr. Alan Sked, Room E503

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: A detailed study of the 1848 Revolutions.

Course Content: The course, based on a study of the relevant documents and monographs, will cover the background to, as well as, the origins, development, diplomacy, failure and consequences of the revolutions of 1848.

Pre-Requisites: A good knowledge of nineteenth-century European history.

Teaching Arrangements: Twenty lectures and twenty classes (Hy189).

Reading List: A. Sked, *The Decline and Fall of the Habsburg Empire, 1815-1918*; I. Deak, *The Lawful Revolution, Louis Kossuth and the Hungarians*; A. Sked (Ed.), *Europe's Balance of Power, 1815-1814*; R. J. Rath, *The Viennese Revolution of 1848*; F. Eyck, *The Frankfurt Parliament* plus the relevant volumes of the *Cambridge History of France*, the *Longman History of Italy* and the *Oxford History of Europe*.

Examination Arrangements: A three-hour unseen examination paper.

Hy4482**Cobden, Free Trade and Europe, 1846-1882**

Teacher Responsible: Dr. A. C. Howe, Room E600

Course Intended Primarily for: M.A./M.Sc. International History and M.A. Later Modern British History.

Core Syllabus: In the light of an analysis of the writings of Richard Cobden, this course examines the impact of free trade ideas on the making of economic and foreign policies in Britain and continental Europe in the mid-nineteenth century.

Course Content: The rise of free trade in Great Britain and Europe; Cobden's *Political Writings*: sources and impact; free trade and British hegemony; the diffusion of free trade ideas in Europe and their impact in France, Germany, Italy, Russia and other countries; free trade and European integration; the resurgence of Protectionism in Europe; Cobdenite themes: peace, war and empire.

Teaching Arrangements: Twenty classes/seminars (Hy190). A minimum of four essays are required.

Reading List: R. Cobden, *Political Writings*; N. Edsall, *Richard Cobden, Independent Radical* (1987); P. O'Brien & E. Pigram, 'Free Trade, British hegemony and the international economic order in the nineteenth century', *Review of International Studies*, 1992.

Examination Arrangements: One three-hour unseen examination paper.

Hy4483**Great Britain and her Western Allies, 1948-1954**

Teacher Responsible: Dr. C. John Kent, Room E500

Course Intended Primarily for: M.A./M.Sc.

International History and M.A. Later Modern British History.

Core Syllabus: The course examines the relations between the British Empire/Commonwealth, the United States and the states of W. Europe.

Course Content: The course begins by looking at the Cabinet paper "The First Aim of Foreign Policy" as defined by Bevin and the Foreign Office in Jan 1948. The attempts to realise this aim of achieving independence from the US by cooperation with W. Europe, and the reasons for its abandonment in favour of securing a special place in an American-dominated Atlantic Alliance are studied in detail. After 1949, Anglo-American relations in the Far East, Indo-China and the Middle East are examined along with Britain's efforts to maintain the kind of relations with W. Europe that would integrate W. Germany into the Atlantic Alliance and maintain Britain's special place in it.

Teaching Arrangements: There are eighteen 90 minute seminars (Hy204), and, in addition, students should attend the 12 lectures on **The Reshaping of Europe** (Hy142). Revision classes are offered in the third term.

Reading List: Documents on British Policy Overseas Series II; John Kent, *British Imperial Strategy and the Origins of the Cold War 1944-49* (1993); John W. Young, *Britain and European Unity 1945-92* (1993); Sean Greenwood, *Britain and European Cooperation since 1945* (1992); C. J. Bartlett, *The Special Relationship: a Political History of Anglo-American Relations since 1945* (1992); John W. Young, *Britain, France and the Unity of Europe 1945-51* (1984).

Examination Arrangements: One three-hour unseen examination paper, in which students are required to answer three from approximately nine questions.

Hy4484

The Suez Crisis: Origins and Impact, 1945-1962

Teacher Responsible: Dr. C. John Kent, Room E507

Course Intended Primarily for: M.A./M.Sc. International History and M.A. Later Modern British History.

Core Syllabus: The course examines Britain's global strategy, the importance of the Middle East in that strategy and the Middle Eastern requirements deemed necessary to implement it.

Course Content: The Middle East in relation to British foreign and defence policy; the Arab-Israeli conflict; French, Soviet and particularly American policy towards the Middle East; British relations with Egypt and the other Arab states; the Baghdad Pact; plan Alpha; a detailed analysis of the crisis from the Egyptian purchase of Czech arms to the Anglo-French-Israeli attack on Egypt and the aftermath of the invasion following the cease fire and withdrawal.

Teaching Arrangements: There are 23 seminars of 2 hrs. duration (Hy205), including an introduction to the study of 500 pages of primary documents which form an integral part of the course. Revision classes are normally held in the third term.

Reading List: K. Kyle, *Suez* (1991); W. Scott Lucas, *Divided We Stand: Britain, the United States and the Suez Crisis* (1991); D. Carlton, *Britain and the Suez*

Crisis (1988); P. L. Hahn, *The United States, Great Britain and Egypt* (1991); R. Owen and Wm. Roger Louis (Eds.), *Suez* (1989).

Examination Arrangements: One three-hour unseen examination paper in which students are required to comment on three documentary extracts from a choice of eight and to answer two from six essay questions.

Hy4485

The Coming of War, 1911-1914

Teacher Responsible: Dr. D. Stevenson, Room E508

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: International Relations in Europe between the Second Moroccan Crisis and the outbreak of the First World War. This is a source-based Special Subject, and students are expected to familiarize themselves with the set documents.

Course Content: The interaction between domestic and foreign policy in the six European Powers; the pre-war conflicts over Morocco, Libya, the Balkans, and the Turkish Straits; the origins and development of the war crisis of July-August 1914; interpretations of the crisis; sources and historiography.

Pre-Requisites: Students unfamiliar with the course are advised to do some preliminary reading. A reading knowledge of French and/or German will be useful but in no sense essential.

Teaching Arrangements: There will be 25 weekly seminars (Hy194). Students will be expected to write four essays.

Reading List: A full bibliography is provided. The following general books are recommended: L. C. F. Turner, *Origins of the First World War*, London, 1970; J. Joll, *The Origins of the First World War* (London, 1984); L. Albertini, *The Origins of the War of 1914* (London, 1957); F. Fischer, *War of Illusions* (London, 1975); I. Geiss, *July 1914* (New York, 1974); J. W. Langdon, *July 1914: the Long Debate, 1918-1990* (Providence, RI, 1991).

Examination Arrangements: There will be one three-hour written examination in the Summer Term. Candidates will be expected to answer three questions, at least one from each of two sections.

Hy4487

British Foreign Policy since 1914

Teacher Responsible: Dr. M. J. Dockrill

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: (Hy174).

Hy4490

Nationalism, Communism and Conflict in East Asia, 1933-1954

Teacher Responsible: Dr. Antony Best, Room E408

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: The political, economic and military history of East Asia from 1933 to 1954.

Course Content: Subjects covered by this course will include: the failure of the Powers to establish a new status quo in East Asia following the Manchurian Crisis, the effect of the Depression and the significance of ideas of autarky, the rise of Soviet-Japanese antagonism, the outbreak of the Sino-Japanese war and the Western response, the Second United Front in China and the development of Maoism as an ideology, the road to Pearl Harbor, Allied diplomacy in the Second World War, the Chinese Civil War, the occupation of Japan, the 'Who Lost China' debate and the rise of McCarthyism in the United States, communism and decolonization in South-East Asia, the origins and course of the Korean war, the San Francisco Peace Conference and the American-Japanese defence treaty, the Geneva Conference of 1954.

Pre-Requisites: There are no formal pre-requisites for this course, but some knowledge of the international history of East Asia in the twentieth century would be useful.

Teaching Arrangements: The course will be taught by seminars held throughout the session (Hy193). Students will be required to write three essays over the academic year.

Reading List: A detailed reading list will be issued at the start of the course, but the following books cover most aspects of the course and should be regarded as essential:

D. Borg & S. Okamoto (Eds.), *Pearl Harbor as History*; P. Calvocoressi, G. Wint & J. Pritchard, *Total War, Vol. 2*, B. Cumings, *The Origins of the Korean War, Vols. 1 & 2*; J. W. Garver, *Chinese-Soviet Relations, 1937-1945*; A. Iriye, *The Origins of the Second World War in Asia and the Pacific*; M. Schaller, *The American Occupation of Japan*.

Examination Arrangements: One three-hour unseen examination paper.

Hy4515

The Period of Appeasement, 1937-1939

(Not available 1994-95)

Course Intended Primarily for: M.A./M.Sc. International History.

Teaching Arrangements: (Hy202).

Hy4520

The European Settlement, 1944-46

(Not available 1994-95)

Course Intended Primarily for: M.A./M.Sc. International History.

Teaching Arrangements: (Hy203).

Hy4521

Europe: Unity and Disunity since the Renaissance

Teachers responsible: Dr. M. J. Rodriguez-

Salgado, Room E407 and Dr. Janet Hartley, Room E405

Course Intended Primarily for: M.A./M.Sc. International History and M.Sc. European Studies.

Core Syllabus and Content: This is a general course designed to provide essential historical and cultural background about Modern Europe. It focuses on the movements, ideas and events which have forged a distinctive European identity from c.1500. Students are expected to think in broad, historical terms about the forces which have prompted both unity and disunity in the Continent. Stress will be placed on the development of a rigorously analytical approach to the dual themes of the course.

Among the major topics covered are ideological movements such as religious divisions, nationalism, fascism and communism; cultural movements such as the Renaissance, the Enlightenment and Romanticism. Plans for the peaceful and the forced reshaping of Europe across the period will be studied, from Erasmus to the EC, from Philip II and Napoleon to Hitler and Stalin. We will also touch upon a range of associated themes such as economic factors; the encounters and conflicts of Europe with the non-European world; and two areas on the periphery, Russia and Ottoman/Muslim Europe.

Teaching Arrangements: Twenty-two sessions of two hours (Hy171), with a variable component of seminars and lectures. Four essays are required.

Reading List: A full bibliography will be provided, but these general works give useful background as well as a broad notion of the themes to be covered: D. Hay, *Europe. The Emergence of an Idea* (Edinburgh University Press, 1957, 1968); J. B. Duroselle, *Europe: A History of its Peoples* (Penguin, 1990); M. Beloff, *Europe and the Europeans: An International Discussion* (London, 1957); J. Joll, 'Europe. A Historian's View', *The Twenty-Seventh Montague Burton Lecture on International Relations* (Leeds University Press, 1969); D. Heater, *The Idea of European Unity* (Leicester University Press, 1992); M.J. Rodríguez-Salgado, 'In Search of Europe', *History Today*, Vol. 42 (February 1992).

Examination Arrangements: A three-hour unseen written examination.

Hy4522

European Integration in the Twentieth Century

Teacher Responsible: Dr. D. Stevenson, Room E508.

Course Intended Primarily for: M.A./M.Sc. International History, M.Sc. European Studies.

Core Syllabus: The antecedents and development of Western European integration from the First World War to the 1980s.

Course Content: European integration before 1914; German and Allied projects during the First World War; inter-war developments and the Briand Plan; the Nazi New 'Order'; Resistance and Allied planning during the Second World War; the impact of the Marshall Plan; the Council of Europe; the Schuman Plan and the Coal and Steel Community; the European Defence Community project; the Treaties

of Rome; the Common Agricultural Policy; the integration policies of the Six and Britain; de Gaulle and the Communities; enlargement, monetary integration, and developments in the 1970s and 1980s; recapitulation and themes.

Pre-Requisites: A prior knowledge of twentieth-century European history will be an advantage. Students unfamiliar with the subject should do some preliminary reading. A reading knowledge of French and/or German will be useful but in no sense essential.

Teaching Arrangements: There will be 25 weekly seminars (Hy170). Students should attend selected lectures in the series Hy142 **The Reshaping of Europe, 1943-1957.**

Reading List: Full bibliographies are provided. As introductory reading, students should consult: R. Vaughan, *Twentieth-Century Europe: Paths to Unity* (London, 1979); D. W. Urwin, *The Community of Europe: A History of European Integration since 1945* (London, 1991); J. Gillingham, *Coal, Steel, and the Rebirth of Europe, 1945-55* (Cambridge, 1991); F. R. Willis, *France, Germany, and the New Europe, 1945-1967* (Stanford, 1967); A. S. Milward, *The Reconstruction of Western Europe, 1945-51* (London, 1984); A. S. Milward, *The European Rescue of the Nation State* (London, 1992).

Examination Arrangements: There will be one three-hour written examination in the Summer Term. Candidates will be expected to answer three questions, at least one from each of two sections.

Hy4526

Spain and the Great Powers 1936-1953: Civil War, World War, Cold War.

Teacher Responsible: Professor P. Preston, Room E604

Course Intended Primarily for: M.A./M.Sc. in International History.

Core Syllabus: A detailed analysis of the relationship between political and social tensions within Spain and the international context of the pre-1939 period, the Second World War and the Cold War.

Course Content: The course will examine the international dimension of the Spanish Civil War and the importance of international factors in determining its outcome. It will then analyze the determining factors and consequences, international and domestic, of Spanish neutrality in the Second World War. Finally, it will examine the process of transition from international ostracism of the Franco dictatorship, the United condemnations of 1945 and 1946, through to international acceptance in the form of the Spanish-U.S. Pact of Madrid signed in 1953.

Teaching Arrangements: There are 22 hours of lectures (shared with Hy132) and 22 hours of classes (Hy196) given by Professor P. Preston.

Reading List: A very substantial reading list is issued at the beginning of Michaelmas term. The following titles are strongly recommended as preliminary reading: Raymond Carr, *Spain 1808-1975* (OUP, 1982); Paul Preston, *The Spanish Civil War* (Weidenfeld & Nicolson, 1986); Paul Preston, *Franco: A Biography* (HarperCollins, 1993); Hugh Thomas, *The Spanish Civil War* (Penguin, 1977).

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which the candidate will be required to answer three out of twelve questions.

Hy4527

Germany's New Order in Europe, 1939-1945

Teacher Responsible: Dr. M. Burleigh, Room E500
Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: The twelve years of the Nazi regime have been more extensively studied than any other period of German history. Despite an immense increase in detailed knowledge of the period, scholars continue to disagree about fundamental questions of interpretation. The course will deal comprehensively with the history of Nazi Germany and the salient debates on the period.

Course Content: The course will investigate these issues, which will also highlight shifting paradigms of research between the 1930s and 1980s. The themes to be covered will include the transition from political pluralism to institutionalised racism; relations between the NSDAP, army, State and industry; the 'national Community' and its enemies; the persecution of the Jews and the radicalisation of policy in this area after 1939; Nazi rule in occupied Europe and the problems of 'collaboration' and 'resistance'; the responses of Allies, neutrals and opponents to the Holocaust; defeat, 'denazification' and the regime's imprint on post-war German society.

Pre-Requisites: There are no formal pre-requisites for this course. A reading knowledge of German is not required.

Teaching Arrangements: Twenty lectures/seminars (Hy151). Four essays are required.

Reading List: A detailed reading list will be issued and guidance given on reading for essays. The following should be regarded as essential by way of an introduction to the subjects covered: J. Noakes & G. Pridham (Eds.), *Nazism 1919-1945: A Documentary Reader*, Vols. 1-3 (Exeter University Press, 1983-1988); Y. Arad, Y. Gutman & A. Margalio (Eds.), *Documents on the Holocaust* (Jerusalem, 1988); Ian Kershaw, *The Nazi Dictatorship* (London, 1989); Michael Burleigh & Wolfgang Ippermann, *The Racial State: Germany 1933-45* (Cambridge University Press, 1991); Michael R. Marrus, *The Holocaust in History* (London, 1987).

Examination Arrangements: One three-hour unseen examination paper.

Hy4528

French External Relations in the Era of de Gaulle, 1940-1969

Teacher Responsible: Dr. R.W.D. Boyce, Room E502.

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: The course examines the principal aspects of French foreign, colonial and European relations from the collapse of the Third Republic in 1940 to Charles de Gaulle's resignation as first president of the Fifth Republic in 1969.

Course Content: The reasons for France's collapse in 1940. The role of Vichy, Free France and the internal resistance as defenders of French interests during the Second World War. French war aims and the post-war settlement. Gaullists, Communists and the Third Force idea in France. French efforts to solve the German problem. Jean Monnet, Robert Schuman, René Pleven and France's role in the making of the European Community. The Indo-China war, the Algerian war and the collapse of the French empire. The impact of external affairs on domestic politics, and the return of de Gaulle. De Gaulle's European policy and opposition to British entry into the EEC. De Gaulle, the United States and the Western Alliance. France as a nuclear power.

Teaching Arrangements: Twenty meetings in the Michaelmas and Lent Terms (Hy192).

Reading List (or Select Bibliography): C. de Gaulle, *War Memoirs*, 3 vols.; R. O. Paxton, *Vichy Régime: Old Guard and New Order*; G. de Carmoy, *The Foreign Policies of France, 1944-1968*; I. M. Wall, *The United States and the Making of Postwar France, 1945-1954*; J. Daloz, *The Indo-China War, 1945-54*; A. Horne, *A Savage War of Peace: Algeria, 1954-1962*; R. Morgan & C. Bray, *Partners and Rivals in Western Europe: Britain, France and Germany*. A fuller list will be provided at the start of the course.

Examination Arrangements: One three-hour unseen examination paper.

Hy4529

Russia and the West: From the Enlightenment to the Revolution, 1762-1917

(Not available 1994-95)

Teacher Responsible: Dr. Janet Hartley, Room E405.

Course Intended Primarily for: M.A./M.Sc. International History, M.Sc. Russian and Post-Soviet Studies.

Core Syllabus: The course examines the often complex relationship between Russia and the 'West', (understood in Russia to mean the nations of Western and Central Europe) from the late eighteenth century to the Revolution of February 1917. It will deal with contacts between Russians and West Europeans in a broad sense but will concentrate on the influence of Western ideas on Russian intellectual and cultural movements and on the use of Western European models for projects for governmental and social reform, both by those who supported, and by those who opposed, Russian tsardom. The period under study provides examples of the adoption, modification and rejection of Western ideas and models and raises the general question of whether Russia should be regarded as 'European' in her development.

Course Content: Russia and the European Enlightenment; Western influences on the projects

and reforms of Catherine II; the impact on Russia of the French Revolution; the origins of Russian constitutional projects in the early nineteenth century; Russia and the Revolutionary and Napoleonic Wars; Decembrists and the West; Romanticism and Russia; the Slavophile and Westernizer controversy; Russian Populism; Socialism and Marxism in Russia; European and Russian liberalism; Eurasianism; Russians abroad and in exile; the foreign presence in Russia; perceptions of Russia in the West.

Teaching Arrangements: Twenty meetings in the Michaelmas and Lent terms (Hy167). Four essays are required.

Reading List: A full reading list and seminar programme will be issued at the beginning of the course. M. Raeff, H. L. Roberts & M. Szeftel, discussion papers on 'Russia and the West', *Slavic Review* (1964); S. G. Pushkarev, 'Russia and the West', *Russian Review* (1965); M. Bassin, 'Russia between Europe and Asia: the Ideological Construction of Geographical Space', *Slavic Review* (1991); J. Billington, *The Icon and the Axe: An Interpretive History of Russian Culture* (1970); A. Walicki, *A History of Russian Thought from Enlightenment to Marxism* (Oxford, 1980); R. Wittram, *Russia and Europe* (1973).

Examination Arrangements: One three-hour unseen examination paper.

Hy4530

The Establishment of Communism in Central Europe, 1945-1956

Teacher Responsible: Dr. Anita Prazmowska, Room E602

Course Intended Primarily for: M.A./M.Sc. International History. Students taking other taught Master's programmes may take the paper where appropriate.

Core Syllabus: War-time diplomacy and the capture of power by Communist parties and their allies 1945-1947. From Popular Front to Communist Dictatorship 1948-1951. Relations with the Soviet Union, the establishment of the CMEA and the Warsaw Pact 1950-1956. Agrarian, industrial and social change in the new states 1948-1956. The death of Stalin, collective leadership and the Polish and Hungarian Uprisings.

Course Content: A study of documents and interpretations of the collapse of exile governments, the origins and the establishment of Communism in Eastern Central Europe.

Teaching Arrangements: Twenty seminars (Hy168). Four essays are required.

Reading List: H. Carrere d'Encausse, *The Soviet Union and Soviet Europe*; J. Levenduski & J. Woodall, *Politics and Society in Eastern Europe*; J. Rothschild, *Return to Diversity: a political history of East Central Europe since World War II*; G. Swain & N. Swain, *Eastern Europe since 1945*; J. Tomaszewski, *The Socialist Regimes of East Central Europe. Their establishment and consolidation 1944-1967*; P. E. Zinna (Ed.), *National Communism and Popular Revolt in Eastern Europe. A Selection of Documents on Events in Poland and Hungary*

February-November 1956.

Examination Arrangements: One three-hour unseen examination paper.

Hy4531

The Crisis of Hegemony: U.S. Foreign Policy from Kennedy to Ford, 1961-1976

Teachers Responsible: Dr. Derek McKay, Room E603 and Dr. C. John Kent, Room E507.

Course Intended Primarily for: M.A./M.Sc. International History.

Core Syllabus: The course will examine the American response to the erosion of her global dominance which began with the challenges to American power at the end of the Eisenhower administration, culminating in the mid-1970s after the fall of Saigon.

Course Content: After a brief introduction to the nature of the U.S. role in the post-war international system, the course will examine the policies of the Kennedy administration, conceived when confidence in the reassertion of American power was high; the new President's general approach to foreign policy and the particular problems facing American foreign policy makers in Europe, Indo-China, Latin America, Black Africa and the Middle East. The course will then examine the policies of the Johnson presidency, and in particular the American conflict with the Viet Cong and North Vietnam, which provided the greatest challenge to the unlimited exercise of U.S. power and ended Johnson's political career in 1968.

The response of Nixon and Kissinger to the crisis will be examined with special attention given to Kissinger's 'old-style' diplomacy, detente and the Nixon doctrine. Attention will also be paid to the end of the Vietnam War, and conflict in Angola, South Asia, the Middle East and Latin America in the context of the U.S. response to these threats to its global position.

Teaching Arrangements: There are twenty one-and-a-half hour long seminars (Hy169) throughout the year.

Reading List: *Documentary Sources: Foreign Relations of the United States, 1961-63; The Pentagon Papers; U.S. Declassified Documents; J. Mayall & C. Navari, The End of the Post-War Era: documents on Great Power Relations, 1968-75* (1980).

Memoirs and Biographies: A. M. Schlesinger, *A Thousand Days* (1965); Richard Reeves, *President Kennedy: Profile of Power* (1993); L. B. Johnson, *The Vantage Point* (1971); H. Kissinger, *Years of Upheaval* (1982); S. Ambrose, *Nixon, Vols. II & III* (1989 & 1991); W. Isaacson, *Kissinger* (1991).

Examination Arrangements: A three-hour written examination in the Summer term, students choosing three out of twelve questions.

Hy4532

The Russian Revolution, 1914-1921

Teacher Responsible: Dr. Janet Hartley, Room E405, and Dr. Anita Prazmowska, Room E602

Course Intended Primarily for: M.A./M.Sc.

International History and M.Sc. Russian and Post-Soviet Studies. Other Master's students may take this course as permitted by the regulations for their degrees but a quota may be imposed to keep numbers manageable.

Course Content: A critical exploration of the literature on the Russian Revolution in the light of primary sources. The course will address the traditional Western historiography focusing on politics; the newer Western social history; Soviet historiography before and since *glasnost*; radical interpretations; and theoretical and comparative approaches. It will in addition require extensive reading of published documentary and memoir sources in English. Russian speakers will have access to a broader range of primary and secondary materials. Seminars will examine the role of workers, peasants, servicemen, ethnic minorities and the middle social strata in the Revolution; the failure of liberal, moderate socialist and counter-revolutionary forces; the success of Bolshevism; theories, comparisons, evaluations of the Revolution as a whole.

Pre-Requisites: None.

Teaching Arrangements: Fifteen one-and-a-half hour seminars in the Michaelmas and Lent Terms (Hy179).

Reading List (or Select Bibliography): A full reading list and seminar programme will be issued at the beginning of the course.

E. Acton, *Rethinking the Russian Revolution*; L. Schapiro, *1917: The Russian Revolutions and the Origins of Present-day Communism*; E. Mawdsley, *The Russian Civil War*; D. Kaiser (Ed.), *The Workers' Revolution in Russia: the View from Below*; D. Koenker et al. (Eds.), *Party, State and Society in the Russian Civil War. Explorations in Social History*; L. Voline, *The Unknown Revolution*.

Examination Arrangements: One three-hour unseen examination paper.

Hy4540

European History since 1945

Teacher Responsible: Dr. Alan Sked, Room E503

Course Intended Primarily for: M.Sc. in European Studies, M.A./M.Sc. International History.

Core Syllabus: Domestic and foreign policies of the United Kingdom, France, West Germany, Italy, Austria, Greece, Spain and Portugal; European international relations since 1945.

Pre-Requisites: An interest in contemporary European history.

Teaching Arrangements: Twenty-five lectures and seminars throughout the session (Hy241). Four essays are required.

Reading List: John W. Young, *Cold War Europe, 1945-1989*; A. Sked & C. Cook, *PostWar Britain* (4th edition); D. L. Bark & D. R. Gress, *A History of West Germany: Vol. 1, From Shadow to Substance, 1945-63, Vol. 2, Democracy and its Discontents, 1963-88*; M. Larkin, *France since the Popular Front*; Paul Ginsborg, *Penguin History of Post-War Italy*; P. Preston, *The Triumph of Democracy in Spain*.

Examination Arrangements: One three-hour unseen examination paper.

Hy4541

British Political History, 1815-1914

Teacher Responsible: Dr. A.C. Howe, Room E600

Course Intended Primarily for: M.A. Later Modern British History.

Core Syllabus: The course concentrates on the domestic political history of Britain between 1815 and 1914, but with reference to the impact of social, economic and intellectual change.

Course Content: The structure of politics in 1815; the evolution of the party system, 1815-1865; popular unrest and political radicalism, 1815-1848; parliamentary reform, 1832-1885; the Irish Question in British politics; Liberalism and the rise of Labour; Conservatism from Peel to Bonar Law; the domestic impact of imperialism; women's suffrage; 'the crisis' of Edwardian Britain.

Teaching Arrangements: Twenty-two seminars/classes (Hy166). In addition students should also attend the lecture course Hy113 **British History from the Middle of the 18th Century** in the Michaelmas and Lent Terms. Five essays are required.

Reading List: N. McCord, *British History, 1815-1906* (Oxford, 1991); M. Bentley, *Politics without Democracy, 1815-1914* (1984); R. T. Shannon, *The Crisis of Imperialism, 1865-1915* (1974); J. P. Parry, *The Rise and Fall of Liberal Government in Victorian Britain* (1993).

Examination Arrangements: One three-hour unseen examination paper.

Hy4542

British Political History since 1900

Course Intended Primarily for: M.A. Later Modern British History.

Teaching Arrangements: See Gv4027 **Policies, Institutions and Alignments: The History of British Politics since the 1880s**.

Examination Arrangements: One three-hour unseen examination paper, divided into two sections. Candidates will be expected to answer three questions, at least one from each of the two sections.

Department of International Relations

M.Sc. International Relations

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	International Politics	IR4600
2 & 3.	Two of the following, to be chosen with the approval of the candidate's teachers:	
(a)	Foreign Policy Analysis III	IR4610
(b)	International Institutions III	IR4630
(c)	European Institutions III	IR4631
(d)	Women and International Relations	IR4648
(e)	Strategic Aspects of International Relations III	IR4650
(f)	International Politics of Western Europe	IR4750
(g)	International Communism (<i>not available 1994-95</i>)	IR4661
(h)	International Politics: Asia and the Pacific (<i>not available 1994-95</i>)	IR4662
(i)	International Politics: Africa and the Middle East	IR4663
(j)	International Business in the International System	IR4641
(k)	Revolutions and the International System	IR4645
(l)	Concepts and Methods in International Relations	IR4621
(m)	Conflict and Peace Studies	IR4649
(n)	The Politics of Money in the World Economy	IR4642
(o)	Nationalism	So6850
(p)	Ocean Politics	IR4646
(q)	Diplomatic Methods and External Policy Management	IR4652
(r)	Soviet and Post-Soviet Foreign Policy	IR4651
(s)	International Politics: Environment and Development	Dv8501
(t)	Modernity and International Relations (<i>not available 1994-95</i>)	IR4653
(u)	Any other subject of comparable range in the field of International Relations, or one related thereto approved by the candidate's teachers	

II. An essay of not more than 10,000 words on an approved topic.

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining elements of the examination, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	1 June

All students admitted for this course will be required to take a test at the beginning of October, to help their tutors advise them on course work and reading, especially in International Politics.

M.Sc. Politics of the World Economy

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	International Political Economy	IR4639
2&3.	Two of the following chosen with the approval of the candidate's teachers	
(a)	Politics of Money in the World Economy	IR4642
(b)	International Business in the International System	IR4641
(c)	The Politics of International Trade	IR4643
(d)	The Economic Organization of the EEC	Ec2516
(e)	Development Economics	Ec1521
(f)	International Political Economy of Energy	IR4644
(g)	International Politics: Environment and Development	Dv8501
(h)	Any other subject of comparable range in the field of International Relations, or one related thereto approved by the candidate's teachers	

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their teachers substitute for one of the papers under 2 and 3 above any other paper which is offered for the M.Sc., LL.M., or M.A.

Such candidates will sit the examination in the substituted paper at the time specified in the regulations for the particular course under which that paper is listed.

Part-time students may take the examination in two parts. The first part will consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the elements of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	June

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
IR104	Concepts and Methods of International Relations Mr. M. H. Banks	10/M	IR3700; IR4621; IR4700
IR105	The Foreign Policies of the Powers Mr. R. Barston, Mr. G. H. Stern and others	30/L	IR3702; IR3770; IR4610; IR4661; IR4662; IR4663; IR4750
IR106	Foreign Policy Analysis Dr. M. Light	12/ML	IR3702; IR4610; IR3781
IR107	Decisions in Foreign Policy Dr. C. Coker	4/L	IR3702; IR4610; IR3781
IR108	International Institutions Mr. N. Sims and Dr. A. Williams	20/ML	IR3703; IR4630; IR3783
IR116	International Communism (Not available 1994-95) Mr. G. H. Stern	15/ML	IR3770; IR4661
IR118	New States in World Politics Dr. P. Lyon	10/L	IR3700; IR4610; IR4662; IR4663
IR119	International Politics: Asia and the Pacific Mr. M. B. Yahuda	10/M	IR4662
IR121	The Great Powers and the Middle East Professor F. Halliday and Mr. P. Windsor	20/ML	IR4663
IR122	European Institutions Dr. G. Edwards	12/ML	IR3771; IR4631

Lecture/ Seminar Number			Course Guide Number
IR123	The External Relations of the European Union Professor C. J. Hill	10/ML	IR4631; IR4750; IR3771
IR124	International Business in the International System Dr. R. Sally and Mr. L. Turner	20/ML	IR4641
IR125	Money in the International System Mr. N. Dattani	20/ML	IR4642
IR135	The International Legal Order Professor I. de Lupis Frankopan	5/L	IR135
IR138	Strategic Aspects of International Relations Dr. C. Coker	12/ML	IR3754; IR4650; IR3782
IR139	Disarmament and Arms Limitation (Not available 1994-95) Mr. N. A. Sims	15/ML	IR139
IR140	International Verification (Not available 1994-95) Mr. N. A. Sims	5/L	IR140
IR141	Concepts and Issues in War Studies (post-1945) (KCL, M.A. core courses parts 2/3) Professor L. Freedman and others (King's College, Dept. of War Studies)	T.B.A.	IR141
IR142	Current Issues in International Relations Seminar Mr. G. Stern	10/L	IR142
IR151	International Politics - Lecture Professor F. Halliday	10/M	IR4600
IR152	International Politics - Seminar Members of the Department	10/M	IR4600
IR153	Foreign Policy Analysis - Seminar Dr. M. Light	15/LS	IR4610
IR155	International Politics of Western Europe - Seminar Professor C. J. Hill and Dr. S. Economides	15/LS	IR4750

Lecture/ Seminar Number			Course Guide Number
IR156	International Communism - Seminar (Not available 1994-95) Mr. G. H. Stern	8/ML	IR4661
IR157	Asia and the Pacific in International Relations - Seminar (Not available 1994-95) Professor M. Leifer and Mr. M. Yahuda	16/LS	IR4662
IR158	International Politics of Africa - Lectures Professor J. B. L. Mayall	10/ML	IR4663
IR158	International Politics of Africa - Seminar Professor J. B. L. Mayall	12/LS	IR4663
IR159	International Relations of the Middle East - Seminar Professor F. Halliday and Mr. P. Windsor	10/LS	IR4663
IR160	International Institutions - Seminar Mr. N. Sims	13/LS	IR4630
IR161	European Institutions - Seminar To be arranged	17/MLS	IR4631
IR162	External Relations of the European Union - Seminar Professor C. J. Hill	5/L	IR4631; IR4750
IR164	Concepts and Methods of International Relations - Seminar Mr. M. H. Banks and Mr. M. Hoffman	16/LS	IR4621
IR167	Money in the International System - Seminar Mr. N. Dattani and others	15/MLS	IR4642
IR168	International Business in the International System - Seminar Dr. R. Sally and Mr. Louis Turner	15/MLS	IR4641
IR170	Strategic Aspects of International Relations - Seminar Dr. C. Coker	15/ML	IR4650
IR171	Disarmament and Verification - Seminar (Not available 1994-95) Mr. N. A. Sims	6/S	IR171

Lecture/ Seminar Number			Course Guide Number
IR175	Politics of International Trade Dr. B. Hindley and Mr. S. Woolcock	15/ML	IR4643
IR175	Politics of International Trade - Seminar Dr. G. Sen and Mr. S. Woolcock	16/MLS	IR4643
IR176	International Political Economy Dr. G. Sen and others	25/MLS	IR4639
IR177	Selected Topics in International Political Economy - Seminar Dr. G. Sen	15/ML	IR4639
IR178	Revolutions and the International System Professor F. Halliday	15/ML	IR4645
IR179	Revolutions and the International System - Seminar Professor F. Halliday	10/L	IR4645
IR187	International Political Economy of Energy Professor P. Odell	12/MS	IR4644
IR187	International Political Economy of Energy - Seminar Professor P. Odell and Dr. I. Rowlands	8/L	IR4644
IR188	Ocean Politics - Seminar Mr. R. Barston	15/ML	IR4646
IR189	Diplomatic Methods and External Policy Management - Seminar Mr. R. Barston	15/ML	IR4652
IR193	Conflict and Peace Studies - Seminar Mr. M. H. Banks and Mr. M. Hoffman	20/MLS	IR4649
IR194	Women and International Relations Professor F. Halliday	5/M	IR4648
IR195	Women and International Relations - Seminar Professor F. Halliday and Dr. M. Light	15/LS	IR4648
IR196	Soviet and Post-Soviet Foreign Policy Dr. M. Light	10/M	IR4651
IR197	Soviet and Post-Soviet Foreign Policy - Seminar Dr. M. Light	15/ML	IR4651

Lecture/
Seminar
NumberCourse Guide
Number

IR198	Modernity and International Relations (Not available 1994-95) Dr. J. Rosenberg	17/ML	IR4653
IR199	Modernity and International Relations - Seminar (Not available 1994-95) Dr. J. Rosenberg	14/LS	IR4653

Course Guides

IR105

Foreign Policies of the Powers

Teacher Responsible: Mr. R. Barston, Room A140
Course Intended Primarily for 2nd year B.Sc. (Econ.) International Relations students taking **Foreign Policy Analysis I** (IR3702) as a compulsory paper; Diploma in World Politics students taking **Foreign Policy Analysis II** (IR3781); M.Sc. International Relations students taking the **Foreign Policy Analysis III** (IR4610) option; Beaver College (one-term) and other interested students.

Core Syllabus: The foreign policies and foreign policy processes of selected major states since 1945, depending on examination requirements and teachers available.

Course Content: An analysis of the foreign policies of a selected group of major states, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period.

This year there will be lectures on Britain, the United States, the Soviet Union, France, West Germany, Indonesia, Japan, Canada and Spain.

Pre-Requisites: None

Teaching Arrangements: A number of members of the International Relations Department, as well as guest lecturers, participate in the series, which takes place on Mondays and Fridays at 11 a.m. and Wednesdays at 1 p.m. in the Lent Term. There will be thirty lectures in all.

Written Work: See below - Examination Arrangements

Reading List: Recommended texts include

(a) **The United States:** Michael Hunt, *Ideology and US Foreign Policy*; G. John Ikenberry (Ed.), *American Foreign Policy: Theoretical Essays*.

(b) **The United Kingdom:** F. S. Northedge, *Descent from Power*; *British Foreign Policy, 1945-1973*; P. Byrd (Ed.), *British Foreign Policy under Thatcher*.

(c) **The Soviet Union:** J. Steele, *The Limits of Soviet Power*; M. Light, *The Soviet Theory of International Relations*.

(d) **France:** Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*; Herbert Tint, *French Foreign Policy since the Second World War*.

(e) **West Germany:** H. Speier (Ed.), *West German Leadership and Foreign Policy*.

(f) **Japan:** E. Wilkinson, *Misunderstanding: Europe vs. Japan*.

Examination Arrangements: This lecture course is not examinable as a course in itself. It provides specific material for Section B of the B.Sc. Foreign Policy Analysis I course (IR3702) and the Diploma Foreign Policy Analysis II course (IR3781) and important background information for Section A in both courses, as well as the whole of the M.Sc. Foreign Policy Analysis III course (IR4610). It is only available as credit for General Course students as part of the Foreign Policy Analysis course as a whole.

Beaver (one-term) students are the only group for whom a class specific to these lectures is arranged.

IR107

Decisions in Foreign Policy

Teacher Responsible: Dr. C. Coker, Room A119
Course Intended Primarily for all those taking Foreign Policy Analysis, whether B.Sc. (Econ.) 3rd year I. R. Specialists or students on the Diploma in World Politics, or M.Sc. in International Relations.

Core Syllabus: The aim of the course of lectures is to provide case studies of six major decisions in foreign policy, with particular reference to questions of bureaucratic politics, long-range planning, and behaviour in crises.

Course Content: An examination, through case studies, of decision-making in the field of foreign policy. How can we apply theories of foreign-policy making to particular contexts, pressures and procedures? Cases will be taken from: American Intervention in Grenada (1983); The Camp David Agreement 1978-9; British east of Suez disengagement (1955-75); US and Iranian Revolution (1978-9).

Teaching Arrangements: A course of 4 lectures will be given in the Lent Term which will complement the foreign policy analysis lectures given in the Michaelmas Term. All students are advised to attend

lecture series IR106, **Foreign Policy Analysis** and IR105, **The Foreign Policies of the Powers** (various lectures). Other relevant lectures will be announced from time to time.

Reading List: Z. Brzezinski, *Power and Principle*; I. Rubin, *Paved With Good Intentions*; G. Sick, *All Fall Down*; A. Payne, *The International Crisis in the Caribbean*; T. Thorndike, *Grenada: Politics, Economics and Society*; P. Windsor & A. Roberts, *Czechoslovakia 1968*; Z. Zeman, *Prague Spring*; L. Berman, *Planning a Tragedy*; M. Charlton, *Many Reasons Why*; C. Bartlett, *The Long Retreat*; P. Darby, *British Defence Policy East of Suez*; J. Carter, *Keeping Faith*; G. Rafael, *Destination Peace*.

IR118

New States in World Politics

Teacher Responsible: Dr. Peter Lyon, Institute of Commonwealth Studies (Secretary, Miss S. Jansen 071 580 5876)

Course Intended Primarily for B.Sc. (Econ.) Part II, M.Sc., Dip. World Politics & other graduate students.

Core Syllabus: This is a comparative and thematic treatment of the subject, not only of contemporary new states but also viewed historically at least since the 18th century.

Course Content: Comparative evaluation of the ways in which new states emerge into dependence, their assets and liabilities for the conduct of their international affairs, and their roles as producers or consumers of international order. The contemporary new states in terms of: statehood and nationhood; neutralism and non-alignment; imperialism, colonialism and neo-colonialism; praetorianism and populism; autonomy and autarchy; irredentism and secessionism. The viability of statehood.

Pre-Requisites: None.

Teaching Arrangements: One lecture course of one lecture a week taught in the Lent Term.

Written Work: None.

Basic Reading: Benedict Anderson, *Imagined Communities*; Hedley Bull (Ed.), *The Expansion of International Society*; P. Calvocoressi, *New States and World Order*; S. E. Finer, *The Man on Horseback*; C. Geertz (Ed.), *Old Societies and New States*; J. Mayall, *Nationalism and International Society*; R. Mortimer, *Third World Coalition in International Politics*; H. Seton-Watson, *States and Nations*; Robert H. Jackson, *Quasi-States: sovereignty, international relations and the Third World*.

[Further reading can be provided as the course proceeds.]

Examination Arrangements: This course is not intended as preparation for any particular examination.

IR123

External Relations of the European Union

Teacher Responsible: Professor C. Hill, Room A232

Course Intended Primarily for M.Sc. European

Studies or International Relations students taking The International Politics of Western Europe paper; and all other interested students.

Core Syllabus: The aim of the course is to cover the external activities of the European Communities since 1957. This includes both activities deriving from the Treaties and traditional, informal methods of national diplomacy, in a steadily more collaborative framework. The title 'European Union' is used but the course deals primarily with pre-Maastricht events.

Course Content: The syllabus deals with the external ramifications of common policies in trade, agriculture, and steel, together with the evolving relations between the Community and the Third World, and the emergence of European Political Cooperation from 1970 onwards. Relations with important states or groups of states are also given close attention, namely the United States and Japan, the USSR and other socialist countries, the Euro-Arab Dialogue and the Lomé Conventions with the African, Caribbean and Pacific countries. The impact on the Community of the end of the Cold War is also an important focus.

Teaching Arrangements: There will be ten lectures in all, beginning half-way through the Michaelmas Term and ending half-way through the Lent Term. They will be immediately followed by five guest seminars. These lectures and seminars (IR162) are designed to provide part of the coursework for the examination paper mentioned above, and are only examinable as part of this course. They are not available as a self-contained course for General Course students. See also IR4750.

Basic Reading List: R. C. Hine, *The Political Economy of European Trade*, Brighton, Wheatsheaf, 1985; J. Lodge (Ed.), *The European Community and the Challenge of the Future*, London, Pinter, 1989; Roy Ginsberg, *The Foreign Policy Actions of the European Community*, Lynn Reiner, 1989; Christopher Hill (Ed.), *National Foreign Policies and European Political Cooperation*, London, George Allen & Unwin, 1983; Alfred Pijpers, Elfriede Regelsberger & Wolfgang Wessels (Eds.), *European Political Cooperation in the 1980's*, Dordrecht, Nijhoff, 1988; Reinhardt Rummel (Ed.), *The Evolution of an International Actor*, Boulder, Westview, 1990; Martin Holland (Ed.), *The Future of European Political Cooperation*, 1991; Simon Nuttall *European Political Cooperation*, Oxford, Clarendon Press, 1992; Ole Nørgaard et al. (Eds), *The European Community in World Politics*, Pinter, 1993.

Examination Arrangements: There is no specific examination arising out of these lectures and seminars. The material is examined as part of the **International Politics of Western Europe** course.

IR135

The International Legal Order

Teacher Responsible: Professor I. de Lupis Frankopan

Course Intended Primarily for all interested students.

Core Syllabus: The aim of the course is to consider the role of international law in world affairs and to

evaluate current problems in international society in the light of the dynamics of changing regimes.

Course Content: The distinctive nature of international law; its impact on foreign policy and on the behaviour of States; ideology in international law; unequal treaties; sanctions; the effect of law making by international organizations. Challenges to international order: threats to the environment; terrorism, hijacking, espionage; law of war and armed conflict; liberation movements and guerilla warfare.

Pre-Requisites: No previous knowledge required.

Teaching Arrangements: There are five lectures (IR135), held during the Lent Term.

Reading List: I. Detter de Lupis, *The International Legal Order*, (1993); *The Concept of International Law* (1987); *International Law and the Independent State* (2nd edn., 1987), *The Law of War* (1987); Henkin, *How Nations Behave*; Kaplan & Katzenbach, *The Political Foundations of International Law*; C. de Visscher, *Theory and Reality in Public International Law*; Kunz, *The Changing Law of Nations*; I. Detter de Lupis, *Law Making by International Organizations*; Higgins, *Conflict of Interests: International Law in a Divided World*; Bin Cheng (Ed.), *International Law: Teaching & Practice*.

Examination Arrangements: No examination.

IR139

Disarmament and Arms Limitation

(Not available 1994-95)

Teacher Responsible: Mr. N. A. Sims, Room A231

Course Intended Primarily for all students interested.

Core Syllabus: These lectures seek to identify and explore the essential problems of disarmament and arms limitation, and the patterns of diplomacy and theory they have generated; and to show how they relate to the central concerns of International Relations.

Course Content: Sequences of diplomacy, functions of the League of Nations, United Nations and treaties in the promotion of disarmament as an element in international public policy. Changing conceptions of disarmament and arms limitation. The review conference and its significance as a feature of treaty régimes. Negotiations and proposals for new treaties. Evolution and reinforcement of treaty regimes in relation to theories of the disarmament process. Public opinion and other non-governmental influences on disarmament; institutional frameworks of policy formation and international negotiation; international behavioural assumptions underlying approaches to disarmament.

Pre-Requisites: None.

Teaching Arrangements: 15 lectures, Michaelmas and Lent Terms.

Written Work: None.

Reading List: V. Adams, *Chemical Warfare, Chemical Disarmament*; C. D. Blacker & G. Duffy (Eds.) for the Stanford Arms Control Group, *International Arms Control* (2nd edn.); H. Bull, *The Control of the Arms Race*; S. de Madariaga, *Disarmament*; A. Myrdal, *The Game of Disarmament*; P. J. Noel-Baker, *The Arms Race*; M. Sheehan, *Arms Control: Theory and Practice*; N. A.

Sims, *The Diplomacy of Biological Disarmament*. Contextual reading is also advised, for students to derive full benefit from this course, and a longer list with publication details of books, related articles available in the learned journals, and guidance on other materials, is included in the course literature distributed at the first lecture in this series.

Examination Arrangements: This course is not intended as preparation for any particular examination. **Office Hour:** Mr. Sims is normally available to see students briefly without prior appointment during his regular "office hour" in A231. For longer meetings appointments may be made with his secretary in A229.

IR140

International Verification

(Not available 1994-95)

Teacher Responsible: Mr. N. A. Sims, Room A231

Course Intended Primarily for all students interested.

Core Syllabus: The practice and problems of the verification of compliance with international obligations, especially in relation to disarmament and arms limitation treaties, but with some attention paid to other systems of international supervision for comparison of concepts and procedures.

Course Content: The social and legal bases of compliance. Problems of the Domestic Analogy in International Relations, applied to the conceptual vocabulary of verification. Concepts of compliance diplomacy: the adversarial and co-operative modes contrasted. Verification of biological and chemical disarmament. Transparency, evasion scenarios and verifiability. Intrusiveness, stringency and other qualities of verification procedures. The interaction of diplomacy, law, science, politics and international organisation in different patterns of verification.

Pre-Requisites: This course is intended to complement the lecture series IR139 which students should attend in the Michaelmas Term and first half of the Lent Term. Some familiarity with the elements of international organisation, in particular the United Nations system, is also expected.

Teaching Arrangements: 5 lectures, Lent Term.

Written Work: None.

Reading List: I. Bellamy & C. D. Blacker (Eds.), *The Verification of Arms Control Agreements*; G. Duffy, *Compliance and the Future of Arms Control*; A. S. Krass, *Verification: How Much Is Enough?*; M. Krepon & M. Umberger (Eds.), *Verification and Compliance*; N. A. Sims, *International Organization for Chemical Disarmament*; E. M. Spiers, *Chemical Warfare*; B. ter Haar, *The Future of Biological Weapons*; O. R. Young, *Compliance and Public Authority*.

Examination Arrangements: This course is not intended as preparation for any particular examination.

Office Hour: See under IR139.

IR141

Concepts and Issues in War Studies

(post 1945)

(KCL, M.A. core courses parts 2/3)

Teachers Responsible: Professor Freedman, Dr.

Karsh, Dr. Dandeker, Dr. Paskins and Dr. Sabin
Course Intended Primarily for M.Sc.

Course Content: Basic strategic, ethical and civil military relations concepts. Issues in the Nuremburg trials. Evolution of strategic doctrine and arms control measures in relation to international politics and civil military relations. The military in politics. Technology and Strategy. Contemporary strategic thinking.

Teaching Arrangements: Weekly lectures will be held during Michaelmas and Lent Terms on 'Strategy' (Tuesdays, 10 a.m.) and on 'War and Society' (Tuesdays, 12 noon). [Please note: teaching in Michaelmas Term begins from Monday 26 September 1994 and in Lent Term from 10 January 1995.]

IR142

Current Issues in International Relations (Seminar)

Teacher Responsible: Mr. G. Stern, Room A134

Course Intended for M.Sc. and B.Sc. students specialising in International Relations as well as students taking the Diploma in World Politics.

Core Syllabus: The aim of the course is to provide a weekly forum for the discussion of topics of current interest to the student of International Relations. Matters of the moment are examined and analysed in terms of their international significance and of the issues they raise for the academic study of International Relations.

Pre-Requisites: Students will be expected to have some familiarity with current affairs as well as some background in International Relations.

Teaching Arrangements: There are ten weekly seminars in the Lent Term. Since the emphasis is on verbal fluency in the articulation of ideas about international relations, no class papers or other written work is involved.

IR171

Disarmament and Verification Seminar

(Not available 1994-95)

Teacher Responsible: Mr. N. A. Sims, Room A231

Course Intended Primarily for all students interested.

Core Syllabus: This seminar offers an opportunity for students to discuss with outside speakers and one another topics of particular interest in disarmament and verification. Current diplomatic problems, treaty reviews and policy issues in this field receive special emphasis. The seminar also affords research students a meeting-place and, on occasion, a chance to share the fruits of their own research; but it is by no means limited to research students.

Pre-Requisites: The seminar is intended to complement the lecture series IR139 and IR140.

Teaching Arrangements: Six meetings in the Summer Term.

Written Work: None.

Reading List: None.

IR4600

International Politics

Teacher Responsible: Professor F. Halliday, Room A136

Course Intended Primarily for M.Sc. International Relations.

Course Content: The course content and suggested readings for International Politics will be provided at the beginning of the course.

Teaching Arrangements and Written Work: (Lectures, IR151 and Seminars, IR152). Students deliver seminar papers and write essays for their supervisors on topics notified at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, three questions chosen from twelve. Past examination papers may be seen in the Main Library.

IR4610

Foreign Policy Analysis III

Teacher Responsible: Dr. M. Light, Room A39

Course Intended Primarily for M.Sc. students (International Relations) as an option. Other students may take this course by special permission, and as permitted by the regulations for their degrees.

Core Syllabus: The M.Sc. course in Foreign Policy Analysis differs from that for the B.Sc. largely in level and approach. The course goes beyond an analysis of the basic processes of foreign policy-making, into more advanced issues such as determinism and rationality. Students are expected to combine an interest in theoretical and comparative aspects of the subject with a fair knowledge of the major foreign policy events of the twentieth century.

Course Content: This course deals with the ways in which international actors - primarily but not exclusively states - formulate decisions and strategies for dealing with other members of the international community. It concentrates on the interplay between domestic and external forces, on the organisation, psychology and politics of small-group decision-making, on the purposes behind foreign policy and on the instruments available to those who make it. Problems of comparison, choice, evaluation and rationality are treated extensively, as are contemporary criticisms of the concept of a separate 'foreign' policy.

Pre-Requisites: Students need not have studied Foreign Policy Analysis before, but some familiarity with modern international history will be an advantage.

Students wishing to familiarize themselves with the broad outline of the subject should refer to the text books on the B.Sc. (Econ.) Study Guide, IR3702.

Teaching Arrangements: All students are advised to attend lecture series IR106 **Foreign Policy Analysis** by Dr. Light during Michaelmas and Lent Terms,

IR107 **Decisions in Foreign Policy** by Dr. Coker and IR118 **New States in World Politics** by Dr. Lyon in the Lent Term. It is also important to attend as many lectures in the series IR105 **The Foreign Policies of the Powers**, as possible. These are held in the Lent Term. A seminar programme (IR153) will run from the beginning of the Lent Term until two or three weeks before the Summer examinations.

Written Work: Many students taking this option will be able to write essays in the subject for their supervisors. All students who attend the seminar will be expected to write three essays for Dr Light who will be running the seminar. Each student will also be expected to introduce at least one seminar topic orally.

Reading List: The following books are a necessary but not sufficient reading requirement. They provide access to most of the main themes of the course as well as to a considerable amount of empirical material: Graham Allison, *Essence of Decision*, Little, Brown, 1971; Irving Janis, *Groupthink*, Houghton Mifflin, 1982; Robert Jervis, *Perception and Misperception in International Politics*, Princeton University Press, 1976; Kal Holsti, *Why Nations Realign: Foreign Policy Restructuring in the Post-War World*, Allen & Unwin, 1982; Ernest May, *'Lessons' of the Past: The Use and Misuse of History in Foreign Policy*, Oxford University Press, 1973; R. Ned Lebow, *Between Peace and War*, Johns Hopkins University Press, 1984; W. Carlsnaes, *Ideology and Foreign Policy*, Blackwell, 1986; M. Brecher & J. Wilkenfeld, *Crisis, Conflict and Instability*, Pergamon, 1989.

Examination Arrangements: A three-hour examination will be taken in the Summer Term, consisting of questions of a comparative and theoretical nature. Copies of previous years papers, together with lecture and seminar programmes and further reading references are provided in a separate handout.

Concepts and Methods of International Relations

Teacher Responsible: Michael Banks, Room A118
Course Intended Primarily for M.Sc. International Relations and M.Sc. Politics of the World Economy and research students. The course is also designed as general background for students taking the Diploma in World Politics; and the B.Sc. (Econ.) in International Relations, 3rd Year.

Core Syllabus: A critical examination of the nature, assumptions and implications of the theoretical literature on international relations.

Course Content: Evolution and characteristics of the international relations discipline and associated fields. Schools of thought: traditionalist, behaviouralist and contemporary. State-centric, pluralist and structuralist paradigms. Critical and postmodern perspectives. Current trends and controversies.

Pre-Requisites: The course assumes an elementary knowledge of international relations.

Teaching Arrangements: There are ten lectures (IR104) in the Michaelmas Term. A weekly seminar (IR164) for M.Sc. and Diploma candidates for examination in the subject will be held in the Lent and

Summer Terms, open also to research students.

Written Work: Will be specified as appropriate in the Lent and Summer Terms.

Reading List: No one text exists for this field, but the following gives an indication of the range of materials available. A detailed supplementary reading list is provided with the lectures. J. Der Derian & M. J. Shapiro, (Eds.), *International/Intertextual Relations; Postmodern Readings*, Lexington Books, MA, 1989; John W. Burton, *Global Conflict*, Wheatsheaf, Brighton, 1984; James E. Dougherty & Robert L. Pfaltzgraf, Jr., *Contending Theories of International Relations - A Comprehensive Survey* (3rd edn.), Harper & Row, New York & London, pb; M. Hollis & S. Smith, *Explaining and Understanding International Relations*, Clarendon, Oxford, 1990; K. J. Holsti, *The Dividing Discipline*, Allen & Unwin, London, 1985; R. O. Keohane (Ed.), *Neorealism and its Critics*, Columbia University Press, New York, 1986; T. L. Knutsen, *A History of International Relations Theory*, Manchester University Press, 1992; Patrick M. Morgan, *Theories and Approaches to International Politics: What are We to Think?* (3rd edn.), Transaction Books, New Brunswick, New Jersey & London, 1981; V.S. Peterson (Ed.), *Gendered States*, Rienner, 1992; John Vasquez, *The Power of Power Politics*, Frances Pinter, London, 1983.

Examination Arrangements: The M.Sc. examination in Concepts and Methods consists of a three-hour paper taken in mid-June, with three questions out of twelve to be answered. Copies of the question papers from the previous three years are attached to the reading list which is distributed during the lectures.

IR4630

International Institutions III

Teacher Responsible: Mr. N. A. Sims, Room A231
Course Intended Primarily for M.Sc. in International Relations and cognate Master's degrees. (Course Guides IR3703 and IR3783 respectively deal with International Institutions courses for undergraduate and Diploma students.)

Core Syllabus: Theories regarding the nature and purposes of international institutions. Institutions as forms of multilateral diplomacy; as exercises in community building; as instruments of revolutionary change. The notion of supra-nationalism. The functional approach to political integration. Institutions as arenas and as actors.

The nineteenth century antecedents of the League of Nations and the United Nations. The genesis of the Covenant and the Charter. The theory and practice of collective security, and its relation to the balance of power. The pacific settlement of disputes in the League of Nations and the United Nations. The development of United Nations peace-keeping. The practice of the League of Nations and the United Nations regarding non-self-governing territories. The approach of regional institutions to the problems of international peace and security. The structure and functioning of alliance systems. International institutions and world economic order.

Course Content: The short duration of this course obliges us to be highly selective. In recent years the content of the teaching given has focused on the following elements within the Core Syllabus: International organisation as a dimension of international relations and a higher form of conference diplomacy. Types and patterns of international organisation. The constitution, structure and experience of the League of Nations and the United Nations, with particular reference to the Covenant, the Charter and subsequent practice, as illustrating some of the major ideas and issues of international organisation. The work and problems of Specialized Agencies in the UN system; regimes in Antarctica and elsewhere.

Pre-Requisites: It will be an advantage to have studied international organisation within the context of a first degree in International Relations, but this is not formally required. All students taking this option need, from the start, to make themselves thoroughly conversant with the Covenant and Charter, the texts of which will be found in many reference works and books on international organisation.

Teaching Arrangements and Written Work: The teaching exclusive to M.Sc. students taking this option consists of a weekly seminar (IR160) throughout the Lent Term and the first three weeks of the Summer Term. Students take it in turn briefly to introduce discussion on topics chosen according to a systematic programme. No "class paper" or other written work is involved in the seminar; but students may submit essays to their supervisors, by mutual agreement, on international organisation as on other subjects they are studying. In addition to the seminar, M.Sc. students should, for a broader grounding in the elements of international organisation and ideas underlying its variety of forms, attend the lectures in the series common to all (including undergraduate and Diploma students) taking an **International Institutions** course: IR108. The more narrowly selected seminar programme pre-supposes regular attendance at these lectures.

Reading List: As with LSE courses generally, private reading is most important, and the seminar work depends for maximum usefulness upon students reading themselves into a greater familiarity with the subject-matter. There is no one textbook spanning the whole syllabus. A. LeRoy Bennett, *International Organizations: Principles and Issues* (5th edn.), Prentice-Hall, 1992, probably comes nearest. Newcomers to international organisation studies should also make a point of reading Inis L. Claude, *Swords into Plowshares: The Problems and Progress of International Organization* (4th edn.), Random House, 1971; and David Armstrong, *The Rise of the International Organisation: A Short History*, Macmillan, 1982. Five of the most convenient introductions to the League and UN systems, in addition to Bennett, Armstrong, and Claude, are Alan James, *Peacekeeping in International Politics*, Macmillan, 1990; F. S. Northedge, *The League of Nations*, Leicester University Press, 1986; Adam Roberts & Benedict Kingsbury (Eds.), *United Nations, Divided World* (2nd edn.) Clarendon Press, Oxford, 1993; Paul Taylor & A. J. R. Groom (Eds.), *International Institutions at Work*, Pinter, 1988; Douglas Williams, *The Specialized Agencies and the United Nations; The System in Crisis*, Hurst, 1987.

Examination Arrangements: International

Institutions is examined, in common with the other options in the degree, by means of a three-hour "unseen" examination taken in June. Candidates are required to answer any three questions from a choice of twelve. Copies of the examination papers set in recent years will be issued.

IR4631

European Institutions III

Teacher Responsible: to be arranged

Course Intended Primarily for M.Sc. International Relations and M.Sc. European Studies; optional for Diploma in World Politics.

Core Syllabus: The lecture course focuses upon the progress and problems of regional integration in Western Europe since 1945.

Course Content: The emergence of the European Communities: the European idea; the dynamics of integration; the institutions: structure and policy-making processes. The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Functionalist and intergovernmental approaches to regional integration in Western Europe. European security and European integration. M.Sc. students should also take course IR123, **External Relations of the European Community**.

Pre-Requisites: There are no formal pre-requisites but, as the course deals in part with contemporary problems of economic policy in Europe, an interest in such issues and an ability to deal with them is essential.

Teaching Arrangements: In addition to lectures (IR122) there are 17 meetings of a Seminar (IR161) for International Relations and European Studies specialists and other postgraduate students, in Michaelmas, Lent and Summer Terms, for which there is a separate hand-out. M.Sc. students also attend lectures (IR123) and seminars (IR162).

Written Work: Substantial class presentations are allocated at the first meeting of the seminar and essays are allocated by individual tutors.

Reading List: No single book is exactly coterminous with the syllabus. The following are useful introductions: Paul Taylor, *The Limits of European Integration*, Croom Helm, 1983; Denis Swann, *The Economics of the Common Market*, Penguin, latest edition; Hugh Arbuthnot & Geoffrey Edwards, *A Common Man's Guide to the Common Market*, Macmillan, 2nd edn., 1989; Neill Nugent, *The Government and Politics of the European Community*, 1992 (2nd edn.); Juliet Lodge (Ed.), *The European Community and the Challenge of the Future*, 2nd edn., 1993; Robert Keohane & Stanley Hoffman, *The New European Community*, 1991.

Examination Arrangements: There will be a three-hour written examination in June.

IR4639

International Political Economy

Teacher Responsible: Dr. G. Sen, Room A138

Course Intended Primarily for M.Sc. in Politics of the World Economy.

Core Syllabus: The evolution of international economic relations since the formation of the modern state system during the mercantilist period.

Course Content: The purpose of this core course for the M.Sc. (Econ.) degree in the Politics of the World Economy is to give students with a first-degree background in economics and/or economic history, and politics (including international relations) and/or international history an appraisal of the theories and history of international economic relations, and a detailed understanding of specific issues of significance during the twentieth century.

The course is therefore concerned to analyse the emergence and evolution of the international economy since the mercantilist period of inter-state relations. The key question analysed is the impact of the system of states, with its distinctive goals of military security and autonomy, on the functioning of both the international and national economies and the consequences for the relationship between them. Though the emphasis is primarily on this political impact on the operation of the market and the opportunities and constraints posed by the latter on the former, attention will also be devoted to the international economic relations of the formerly planned economies in transition.

In seeking to investigate the relevance of the interaction of the parameters identified above (the state and the market), the growth and location of production, and its distribution between countries will be of special interest for the course. In this context, the analysis will refer to both inter-state conflict and co-operation (including its institutional expression) in the arena of international political economy, the particular divergences between the richer and poorer countries, the role of non-state actors like multinational corporations, and the altering structure of the international order itself under the influence of economic change.

It is not a course in elementary international economics nor in the politics of international economic thought nor in the history of the world economy, although students will be expected during their course to acquire, if they do not already have, some knowledge of all these. Rather it attempts to familiarise students with the basic concepts that help them to unite theory and history. Similarly, the aim is to teach students *how* to think about international political economy, not *what* to think; and to teach them how to analyse issues of international public policy, not to tell them what policy should be. Students are expected to present papers for discussion at the individual seminars which accompany each lecture. These seminars are organised in terms of a list of questions formulated to reflect issues raised in each lecture and also encompasses the subject more generally.

Pre-Requisites: None.

Teaching Arrangements: There will be a lecture course (IR176) on **International Political Economy** given by Dr. Sen and others. Students are also required to attend a seminar on **Selected Topics in International Political Economy** (IR177) and will be assigned to **International Political Economy** seminar groups (IR176a) which accompany the lecture series; each seminar group will be run by a teacher involved in the M.Sc. PWE programme. A

short series of lectures on **Introduction to Some Concepts in Economics** will also be given as part of IR176, explaining the law of comparative costs, purchasing power parity, the quantity theory of money, the balance of payments and other concepts currently used in the literature. The lecture series is primarily intended for those with little or no background in international economics. Those with no previous academic experience in international relations are strongly advised to attend the lectures in **Concepts and Methods of International Relations** (IR104).

Reading List: It is advisable to absorb the less technically economic parts of the course before the lectures begin. Only such sources are quoted below. A more complete source-list is circulated at the beginning of the lectures. A small amount of technical economics is required, and taught as part of the course. Eli F. Hecksher, *Mercantilism*; J. Baechler, *The Origins of Capitalism*; F. Braudel, *Afterthoughts on Material Civilization and Capitalism*; Rober Gilpin, *The Political Economy of International Relations*; Susan Strange, *States and Markets*; Angus Maddison, *Phases of Capitalist Development*; Phylis Deane, *The State and the Economic System*; Smith, Ricardo, List, Keynes in Robert L. Heilbroner, *The Worldly Philosophers*, 1955 edn., Chs. 3, 4, 9 (and 6, if hitherto you have read nothing on Marx).

Examination Arrangements: Students will be required to sit a three-hour examination on the full syllabus of the **International Political Economy** course. Students will be asked to answer three out of twelve questions.

IR4641

International Business in the International System

Teachers Responsible: Dr. Razeen Sally, Room A38 and Mr. Louis Turner (Royal Institute of International Affairs)

Course Intended Primarily for M.Sc. International Relations; M.Sc. Politics of the World Economy and other interested students by permission.

Core Syllabus: The course aims at a broad introduction to the impact that multinational corporate strategies, global competition, comparative shifts in industrial policies and technological evolution have on international relations.

Course Content: Introduction to the debate on multinational companies, global competition and international relations theory. Relevant technological developments. Role of industrial deregulation. Multinational power. Rise of Japanese multinationals. Questions of control and regulation. State-firm diplomacy. Comparative industrial policies and industrial cultures.

Pre-Requisites: None

Teaching Arrangements: Twenty lectures (IR124) will be given in the Michaelmas and Lent Terms to which any interested students are welcome. The undergraduate lecture course on **The Politics of International Economic Relations** (IR137) is also relevant. A seminar (IR168) built round presentations by students taking the examination will be held in the Michaelmas, Lent and Summer Terms (15 meetings in all).

Reading List: No one book covers the entire syllabus; reading should be spread over: Christopher Bartlett & Sumantra Ghoshal, *Managing Across Borders*, 1989; Peter Dicken, *Global Shift: Industrial Change in a Turbulent World*, 1991; John H. Dunning, *Explaining International Production*, 1988; Robert Gilpin, *The Political Economy of International Relations*, 1987; Kenichi Ohmae, *Triad Power: the Coming Shape of Global Competition*, 1985; Michael E. Porter, *The Competitive Advantage of Nations*, 1990; Robert Reich, *The Work of Nations*, 1991; John Stopford & Susan Strange, *Rival States, Rival Firms*, 1991; Lester Thurow, *Head to Head*, 1992; Louis Turner & Michael Hodges, *Global Shakeout*, 1992.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the lecture course and topics covered in the seminars, and requiring some familiarity with the extensive literature. The paper will contain about twelve questions, of which three are to be answered. It is important to answer all three. Copies of previous years' papers are available.

IR4642

Politics of Money in the World Economy

Teacher Responsible: Mr. N. Dattani, Room E495

Course Intended Primarily for M.Sc. International Relations; M.Sc. Politics of World Economy and other graduates by permission.

Core Syllabus: This course is designed as a component of the study of an international system in which the management and mismanagement of money are matters of increasing consequence, both for international political relations and for domestic politics. It may also be of particular help to students specialising in the politics of international economic relations.

Course Content: It will deal with the basic concepts regarding the creation, use and management of money in the international system. Students will be introduced to the outlines of international monetary relations over the past century and the central focus will be on the notion of financial power in the world economy. Issues to be covered will include the use of national currencies as international money, the politics of exchange rate adjustment, the operations of banks and other institutions in international money and capital markets, the evolution of international financial markets, the relationship between states and markets in the arena of global finance, international monetary cooperation, and the choices of monetary and financial policies open to developed and developing countries.

Pre-Requisites: The course does not assume any knowledge of monetary economics but some familiarity with political and economic history of the twentieth century will be helpful.

Teaching Arrangements: One lecture course (IR125) and one seminar course (IR167). Lectures begin in the Michaelmas Term and continue in the Lent Term. Seminars begin in the ninth week of the Michaelmas Term and continue in the Lent Term and the first three weeks in the Summer Term. Students are expected to make presentations on topics of their

choice.

Reading List: No one book covers the entire syllabus, but the following general works will provide useful introduction: A. Walter, *World Power and World Money*; R. Gilpin, *The Political Economy of International Relations*, Chapters 4 & 8; W. Scammell, *The Stability of the International Monetary System*; S. Strange, *Casino Capitalism*; B. Cohen, *Organising the World's Money*; E. Holm, *Money and International Politics*; J. Frieden & D. Lake, *International Political Economy: Perspective on Global Power and Wealth* (2nd edn.), section IIIC; S. Gill & D. Law, *The Global Political Economy*, Chapter 10.

A detailed list of recommended reading will be given at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the lecture course and work covered in the seminars. The paper contains about twelve questions, of which three are to be answered.

IR4643

Politics of International Trade

Teachers Responsible: Dr. Gautam Sen, Room A138 and Dr. Brian Hindley

Course Intended Primarily for M.Sc. in the Politics of the World Economy.

Core Syllabus: An examination of the major political issues and controversies in international trade.

Course Content: The evolution of foreign trade policy in theory and practice. The course deals with the historical development of three major general approaches to commercial policy, mercantilism, economic liberalism and economic nationalism and with the political assumptions on which they are based. It then considers the general structure of commercial relations among industrial countries, between market and the formerly centrally planned economies and between industrial and 'developing' countries. Finally, the course examines a number of specific trade problems in contemporary international relations, e.g. economic warfare and international trade policy; GATT negotiations on tariff and non-tariff barriers; voluntary export restraint agreements; MNCs and international trade; the EC as a trading bloc; specific sectors in international trade like agriculture and textiles.

Teaching Arrangements: A series of 15 lectures (IR175), and 16 seminars (IR175) based on student presentations and talks by guest speakers, both beginning in the sixth week of the Michaelmas Term. A short series of lectures on **Introduction to Some Concepts in Economics** will also be given as part of IR176, explaining the law of comparative costs, purchasing power parity, the quantity theory of money, the balance of payments and other concepts currently used in the literature. The lecture series is primarily intended for those with little or no background in international economics. Also recommended for M.Sc. PWE students without any background in economics.

Reading List: No one book covers the syllabus but the following will provide a useful introduction. Paul

Krugman & P. Obsfeldt, *International Economic Policy*; Eli Heckscher, *Mercantilism*; Michael Heilperin, *Studies in Economic Nationalism*; Dominick Salvatore (Ed.), *Protectionism and World Welfare*; G. K. Helleiner, *The New Global Economy*; G. Curzon, *International Commercial Diplomacy*; Gilbert R. Winham, *International Trade and the Tokyo Round Negotiation*; Nigel Grimwade, *International Trade*.

A detailed reading list will be distributed at the beginning of the session.

Examination Arrangements: Summer Term formal three-hour examination, three questions to be chosen from twelve.

IR4644

International Political Economy of Energy

Teachers Responsible: Professor P. Odell, Room S508 and Dr. I. Rowlands, Room X320

Course Intended Primarily for students taking the M.Sc. in the Politics of the World Economy and the M.Sc. in Development Studies. Other suitably qualified and interested graduate students may take this course as permitted by the regulations for their degrees and with the permission of the teachers responsible.

Core Syllabus: Analysis of the key issues involved in the exploitation of energy resources and their use. The assessment of decision-making and policy formulation at the levels of companies, governments and international organisations.

Course Content: A continuing and, generally, an expanding supply of energy at affordable prices is an essential input to the process of economic development, to the security of nations and to the well-being of their populations. Access to energy supplies is thus a strategic issue which influences the economic and political relations between have and have-not nations. It also explains the creation of international energy institutions (such as international oil companies) with objectives of maximising returns from energy resource exploitation and of organisations and alliances (such as OPEC and the IEA) which seek to achieve guaranteed supplies.

Additionally, however, geological and other natural phenomena constitute supply-side opportunities or limitations, while environmental considerations are playing an increasingly important role in energy production and use developments and decisions. Moreover, evolving knowledge and improving technology change the significance of these physical components over time so that energy resource and use issues become even more highly dynamic.

In this course of lectures and seminars an attempt will be made both to expose and to synthesise these multifaceted characteristics of the international political economy of energy; and to show how they have changed over time, particularly over the period since the end of the Second World War.

Pre-Requisites: None. A knowledge of elementary economic and political theory and of recent world history would be an advantage but not essential.

Teaching Arrangements: There will be a course of

10 lectures (IR187) commencing in week 1 of the Michaelmas Term and 8 seminars (IR187) commencing in week 1 of the Lent Term, for which students working in small groups will prepare short papers for discussion. The seminar will be followed by 2 concluding lectures in the Summer Term.

Reading List: The following basic reading material will be found helpful: John G. Clark, *The Political Economy of World Energy*, Harvester/Wheatsheaf, 1990; J. Davis, *Blue Gold: The Political Economy of Natural Gas*, Allen and Unwin, 1984; R. L. Gordon, *World Coal: Economics, Policies and Prospects*, CUP, 1987; E. B. Kapstein, *The Insecure Alliance: Energy Crises and Western Politics Since 1944*, OUP, 1990; P. R. Odell, *Oil and World Power*, Eighth Edition, Penguin, 1986; L. Schipper and S. Meyers, *Energy Efficiency and Human Activity*, CUP, 1992; J. Rees, *Natural Resources: Allocations, Economics and Policy*, 2nd edn., Routledge, 1990; L. Turner, *Oil Companies in the International System*, 3rd edn., Allen and Unwin, 1983.

Examination Arrangements: One three-hour unseen examination held in June.

IR4645

Revolutions and the International System

Teacher Responsible: Professor Fred Halliday, Room A136

Course Intended Primarily for interested students.

Core Syllabus: An examination of the relationship between social and political revolutions and the dynamics of the inter-state system.

Course Content: Theories and definitions of revolution in social science; conceptualisations of revolutions and the reactions of the international system (realist, pluralist, historical materialist); the contribution of international and transnational factors to revolution (socio-economic transformation, colonialism, war, nationalism); the foreign policy programmes of revolutionary states, their impact on the international system, and the response of status quo powers; case studies of France, Russia and China, and of certain contemporary examples, e.g. Iran, Nicaragua, Eastern Europe; the place of revolutions and the 'order-maintaining' response to them in the study of international relations.

Teaching Arrangements: Fifteen lectures (IR178) in the Michaelmas and Lent Terms and ten 1½ hour seminars (IR179) in the Lent Term.

Reading List: Theda Skocpol, *States and Social Revolutions*; Eric Hobsbawm, *The Age of Revolutions*; David Armstrong, *Revolution and International Society*; Henry Kissinger, *A World Restored*; E. H. Carr, *The Bolshevik Revolution*, Vol. 3; Franz Borkenau, *World Communism*; Chalmers Johnson, *Peasant Nationalism and Communist Power*; Kyung-Won Kim, *Revolution and International System*; Richard Rosecrance, *Action and Reaction in World Politics*.

Examination Arrangements: There is a three-hour written examination in the Summer Term, requiring three questions out of twelve to be answered.

IR4646

Ocean Politics

Teacher Responsible: Mr. Ronald Barston, Room A140

Course Intended Primarily for M.Sc. in International Relations and M.Sc. in Politics of the World Economy.

Core Syllabus: This course will explore the increasing and developing importance of the maritime sector of contemporary international relations.

Course Content: The maritime issues discussed during the course include the 1982 UN Law of the Sea Convention; maritime sanctions in international conflicts (e.g. Yugoslavia, Gulf war); regional cooperation, flags of convenience and conflicts at sea. The focus is on diplomatic interactions and conflict management.

Teaching Arrangements: Students deliver seminar papers and write essays on topics notified at the beginning of the course (IR188), which is taught in the Michaelmas and Lent Terms.

Reading List: The basic books include: Francis W. Hoole, *Managing Ocean Politics*; Clyde Sanger, *Ordering the Oceans*; R. Hill, *Maritime Strategy for Medium Powers*; R. P. Barston & Patricia Birnie, *The Maritime Dimension*; Henry Degenhart (Ed.), *Maritime Affairs*.

Examination Arrangements: Three-hour written examination in the Summer Term. Students have to answer three out of twelve questions.

IR4648

Women and International Relations

Teachers Responsible: Professor Fred Halliday, Room A136 and Dr. M. Light, Room A39

Course Intended Primarily for M.Sc. International Relations. Other students may take this course as permitted by the regulations for their courses.

Core Syllabus: To study the reciprocal interaction of women's positions within specific societies and international political and economic processes, focussing on four areas (military conflict; nationalism; the international economy; international organisation and law) and the implications of these for international relations theory.

Course Content: Women as political and economic subjects - theoretical approaches; participation in war; women and anti-war movements; nationalism and policies on women; international organisations; changes in international law; effects on women of colonialism, development policies, international economic change; international relations concepts and feminist theory.

Teaching Arrangements: Five lectures [IR195] Michaelmas Term and fifteen one-and-a-half hour seminars [IR194] Lent and Summer Terms.

Pre-Requisites: Some familiarity with international relations theory would be useful.

Written Work: Students will be expected to produce a minimum of three essays during the year and to give seminar presentations.

Reading List: Rebecca Grant & Kathleen Newland (Eds.), *Gender and International Relations*; Ester Boserup, *Women's Role in Economic Development*;

Jean Bethke Elsthein, *Women and War*; Kumari Jayawardena, *Feminism and Nationalism in the Third World*; Anne Tickner, *Gender in International Relations*; C. Enloe, *The Morning After: Sexual Politics at the End of the Cold War*; Spike Petersen (Ed.), *Gendered States: Feminist (Re-)Visions of International Relations Theory*; Jeanne Vickers (Ed.), *Women and the World Economic Crisis*. Detailed reading-lists will be distributed at the start of the course.

Examination Arrangements: One three-hour examination in the Summer Term, requiring three questions out of twelve to be answered.

IR4649

Conflict and Peace Studies

Teachers Responsible: Mr. M. Banks, Room A118 and Mr. M. Hoffman, Room A236

Course Intended Primarily for Diploma in World Politics, M.Sc. International Relations and M.Sc. in the Politics of the World Economy; the seminar is open to others by permission.

Core Syllabus: This course draws upon the relevant interdisciplinary literature in order to examine the problems of conflict and peace in international relations.

Course Content: A survey of theoretical approaches to problems of conflict and violence, together with associated concepts including stability, change, order and justice. General theories, particular theories, classification schemes and debates concerning them. Interdisciplinary contributions including anthropological, legal, psychological, sociological, sociobiological and philosophical approaches. Various models for the analysis of conflict dealing with its properties, causes, dynamic processes, functions and effects. Techniques of conflict management and possible means of conflict resolution. Applications of theories of conflict to problems of international relations, including civil and interstate war, crisis behaviour and revolutions. Peace movements and various attempts to enhance peaceful conduct in international relations.

Pre-Requisites: None, but as the course is interdisciplinary and assumes familiarity with theories of international relations and mainstream theories of war and peace, students are encouraged to attend the lecture series **Concepts and Methods of International Relations** (IR104) and **Strategic Aspects of International Relations** (IR138).

Teaching Arrangements: Twenty seminars (IR193), beginning in the sixth week of the Michaelmas Term.

Reading List: A detailed reading guide will be provided at the first meeting. Useful books are: Michael Banks (Ed.), *Conflict in World Society*; Kenneth Boulding, *Stable Peace*; John Burton, *Conflict: Resolution and Prevention* and *Conflict: Human Needs Theory*; W. S. Thompson & K. M. Jensen (Eds.), *Approaches to Peace: An Intellectual Map*; Louis B. Kreisberg, *Social Conflict*; K. Webb & C. R. Mitchell (Eds.), *New Approaches to International Mediation*; Edward A. Azar & John W. Burton (Eds.), *International Conflict Resolution: Theory and Practice*; Ramesh Thakur (Ed.), *International Conflict Resolution*.

Examination Arrangements: There is a three-hour written examination in the Summer Term, requiring three questions out of twelve to be answered.

Strategic Aspects of International Relations III

Teacher Responsible: Dr. C. Coker, Room A119

Course Intended Primarily for M.Sc. International Relations.

Core Syllabus: The place of war in international relations, and the social, political, and economic consequences of the use of force. The greater part of the course is concerned with force in international relations since 1945.

Course Content: The employment of force for political ends. The contribution of Clausewitz, and criticisms of his work. The impact of science and technology, and of social forces such as nationalism and imperialism, upon war. Force in international relations since 1945. The impact weapons on international relations, and on thought about war and peace. Ideas of deterrence, limited war, arms control, and alliance management. Revolutionary-guerrilla warfare. The proliferation of armaments. The diffusion of military power. Implications for international security of the present pattern of order.

Pre-Requisites: A working knowledge of international history since 1815 and of traditional theories of international politics is desirable.

Teaching Arrangements: Twelve lectures (IR138) (Michaelmas and Lent Terms) and 15 seminars (IR170) (Michaelmas and Lent Terms). The seminar is run by Dr. Coker. The majority of seminar topics will be on strategic aspects of postwar international relations and examination papers will reflect this. Graduate students may be able to attend certain courses given by the Department of War Studies at King's College. The International Institute for Strategic Studies (IISS) and the Royal United Services Institute for Defence Studies (RUSIDS) are both nearby and students in Strategic Studies may be eligible for student membership, which gives access to certain meetings and to excellent specialised libraries.

Written Work: By arrangement with seminar teachers.

Reading List: The following short list comprises some of the most important and some of the best currently available books. An asterisk indicates publication in paperback edition.

R. Aron, *Peace and War*; G. Best, *War and Society in Revolutionary Europe*; B. Brodie, *Strategy in the Missile Age*; H. Bull, *The Control of the Arms Race*; C. M. Clausewitz, *On War* (Ed. by M. Howard & P. Paret); J. L. Gaddis, *Strategies of Containment*; M. E. Howard, *War and the Liberal Conscience*; F. M. Osanka, *Modern Guerrilla Warfare*.

Examination Arrangements: There is a three-hour formal examination held in the Summer Term. Three questions must be answered from twelve or more. Examples of recent past examination papers will be appended to the reading list.

IR4650

IR4651

Soviet and Post-Soviet Foreign Policy

Teacher Responsible: Dr. Margot Light, Room A39

Course Intended Primarily for M.Sc. International Relations and M.Sc. Russian and Post-Soviet studies. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: The development of Soviet and post-Soviet foreign and defence policy from 1917 to 1994 in relation to its ideological and historical roots. Particular attention will be paid to the similarities and differences between the relations of the Soviet Union with different kinds of states and to the historical heritage of Russian foreign policy.

Course Content: Historical, geographic and ideological factors affecting Soviet and Russian security perceptions. Foreign policy decision-making. Marxist-Leninist theory and its influence on foreign policy. Conflict and amity in East-West relations. The cold war and detente as case-studies of conflict and amity. Socialist internationalism and relations within the socialist system. Soviet-Third World relations. Soviet defence policy. The Soviet Union, international organization, international law. Perestroika, glasnost and the 'new thinking'. Russia and the 'near abroad'. Nationalism and foreign policy.

Pre-Requisites: Familiarity with international relations theory and/or some knowledge of international history and Russian and Soviet history and government are desirable. Students will find the related courses IR105, IR116, IR156 and IR178 useful.

Teaching Arrangements: 10 lectures (IR196) in the Michaelmas term and 15 one-and-a-half hour seminars (IR197) in the Michaelmas and Lent Terms.

Written Work: Students will be expected to write a minimum of three essays and to introduce at least one seminar topic.

Reading List: A more detailed list will be distributed at the beginning of the lecture course.

Paul Dibb, *The Soviet Union: The Incomplete Superpower*, Macmillan for the IISS, London, 1986; F. Fleron, E. Hoffman & R. Laird (Ed.), *Classic and Contemporary Issues in Soviet Foreign Policy*, Aldine de Gruyter, New York, 1991; M. S. Gorbachev, *Perestroika: New Thinking for Our Country and the World*, Collins, London, 1987; Fred Halliday, *The Making of the Second Cold War*, Verso, London, 1983; Margot Light, *The Soviet Theory of International Relations*, Wheatsheaf, Brighton, 1988; Michael MccGwire, *Military Objectives in Soviet Foreign Policy*, Brookings, Washington DC, 1987; Joseph L. Noguee & Robert H. Donaldson, *Soviet Foreign Policy since World War II* (3rd edn.), Pergamon Press, Oxford, 1988.

Examination Arrangements: One three-hour examination in the Summer Term. Students have to answer three out of twelve questions.

IR4652

Diplomatic Methods and External Policy Management

Teacher Responsible: Mr. Ronald Barston, Room A140

Course Intended Primarily for M.Sc. International Relations and M.Sc. in Politics of the World Economy.

Core Syllabus: The overall aim is to provide practical and analytical insights into the problems and issues to do with organisations, representation, negotiation, treaties and multilateral diplomacy of states.

Course Content: Modern states and other organisations face an increasingly technical and complex agenda in the course of conducting their foreign policy. This course is concerned with the different ways in which states organise their foreign policy machinery and conduct business internationally. Particular emphasis is placed upon negotiation, conference diplomacy, mediation and diplomatic techniques, including United Nations and other international institutions.

Seminars will be given on:

- (1) foreign policy organisation
- (2) trade and overseas representation
- (3) negotiation: bilateral and multilateral
- (4) treaties and other international agreements
- (5) international conference diplomacy: case studies, e.g. law of the sea; GATT; IMF; G-77.
- (6) mediation
- (7) international economic management
- (8) foreign policy problems for new states e.g. CIS, Baltic states
- (9) diplomacy and international security

Teaching Arrangements: Students deliver seminar papers and write essays on topics notified at the beginning of the course (IR189), which is taught in the Michaelmas and Lent Terms.

Reading List: The basic books include: P. Calvert, *The Foreign Policy of New States*; A. Watson, *Diplomacy*; B. Korany, *Foreign Policy Making in Developing Countries*; I. William Zartman, *The Practical Negotiator*; Robert I. Rothstein, *Global Bargaining*; R. P. Barston, *Modern Diplomacy and International Politics since 1945*.

Examination Arrangements: Three-hour written examination in the Summer Term. Students have to answer three out of twelve questions.

IR4653

Modernity and International Relations

(Not available in 1994-95)

Teacher Responsible: Dr. Justin Rosenberg, Room A40

Course Intended Primarily for M.Sc. in International Relations. Other students may take this course as permitted by the regulations for their degrees. Postgraduate students may follow the course.

Course Syllabus: A theoretical and historical exploration which develops the understandings of 'modernity' advanced by Marx and Weber into rival accounts of the institutional form, historical emergence and subsequent evolution of the modern international system.

Course Content: The course begins with an introduction to the works of Marx and Weber as theorists of modernity, contrasting Marx's explication of capitalism with Weber's theory of rationalization. These

themes are developed into contrasting ways of understanding the international system. We shall also consider the role played by the idea of 'modernity' in the legitimation of Western power in the modern world.

The second part of the course explores the dominant institutional forms of the modern international system under five headings: rule, exchange, space, time, subjectivity. In each case, the modern form (respectively, the sovereign states-system, the capitalist world economy, territoriality and borders, historicity and clock-time, nationalism and individualism) is contrasted with its equivalents in earlier, different geopolitical systems. And rival Marxian and Weberian explanations of these differences are compared.

Finally, we turn to an overview of the processes of geopolitical expansion and social transformation involved in the making of the modern international system: the construction of the world market; the role of colonialism in the construction of non-European states; World War and 'general crisis' in the international system; the international significance of peasant revolutions; the question of the historical character of the Soviet states-system; and the American Century.

Pre-Requisites: None

Teaching Arrangements: Seventeen lectures (IR198) (each of one hour's duration) will be given in the Michaelmas and Lent terms. Fourteen one-and-a-half hour seminars (IR199) will be given in the Lent and Summer Terms.

Written Work: Will be specified as appropriate in the Lent Term. Students will, however, be expected to introduce at least one seminar topic.

Reading List: A comprehensive reading list is provided with lecture handouts. Some of the core texts used on the course are listed below.

Mills: C. Wright, *The Sociological Imagination*, OUP, 1959; **K. Marx:** *Readings from Karl Marx*, Ed. D. Sayer, 1989; M. Weber, *From Max Weber: Essays in Sociology*, Eds. H. H. Gerth & C. Wright Mills, Routledge, 1948; D. Sayer, *Capitalism and Modernity: An Excursus on Marx and Weber*, 1991; E. Wolf, *Europe and the People Without History*, 1982; E. Hobsbawm, *The Age of Revolutions*, 1963; L. Potts, *The World Labour Market: A History of Migration*, 1990; R. D. Sack, *Human Territoriality: Its Theory and History*, 1986.

Examination Arrangements: Students will be required to sit a three-hour examination in which they will be asked to answer three of twelve questions.

IR4661

International Communism

(Not available 1994-95)

Teacher Responsible: Mr. Geoffrey Stern, Room A134

Course Intended Primarily for M.Sc. students but B.Sc. students may be permitted to take it as an option.

Core Syllabus: The aim of the course is to examine the development of Marxist-Leninist parties, factions and fronts throughout the world. Particular attention is given to the inter-relationships of those organisations and their degree of sensitivity to

changes in the domestic and foreign policy of what was the USSR. The main emphasis is on behaviour and on the factors which influence it. Since behaviour is influenced though not determined by theory, the course includes a brief examination of relevant theories.

Course Content: International implications of the Bolshevik Revolution of 1917. The Comintern and its role during the period of 'Socialism in one country'. The creation of a Socialist bloc. The Yugoslav 'defection'. Mao and the Chinese road to Socialism. Destalinisation and revolt. The role of COMECON and the Warsaw Pact, the Sino-Soviet dispute, the emergence of polycentrism and the decline of Communist power in Eastern Europe and beyond.

Pre-Requisites: Students will not be expected to have studied the subject before, but some familiarity with both Marxist theory and Soviet history would be an advantage.

Teaching Arrangements and Written Work:

Students are advised to attend lecture series IR116 **International Communism** in the Michaelmas and Lent Terms. It is also advisable to attend lectures on Soviet, Chinese and American policy in the series IR105 **The Foreign Policies of the Powers**. These are held in the Lent Term. Additionally, students may find it useful to attend lecture series IR196 on **Soviet and Post-Soviet Foreign Policy**, and seminars on **Russian, CIS, Central and East European Politics** which are held throughout the Michaelmas and Lent Terms on Tuesdays. These latter are under the aegis of the Government Department and students may contact Marion Osborne in Room K105 for details.

A programme of 8 seminars on the **International Communism** dealing with ruling parties, past and present, and will be held primarily in the Michaelmas and Lent Terms. These will meet fortnightly.

Students will be expected to submit 3 written papers (including class presentations).

Reading List: A detailed list of books is provided on a separate sheet. It is a lengthy compilation, but its object is not to exhaust the student with overwork, but to indicate the range of available material for specialist and generalist work.

The following are basic texts for the course: Z. Brzezinski, *The Soviet Bloc*; K. Dawisha, *Eastern Europe, Gorbachev and Reform*; F. Laird & E. Hoffman (Eds.), *Soviet Foreign Policy in a Changing World*; M. Light, *The Soviet Theory of International Relations*; B. S. Morris, *Communism, Revolutions and American Policy*; H. Schwartz, *Tsars, Mandarins and Commissars*; G. Stern (Ed.), *Communism: An illustrated history from 1848 to the present day*; G. Stern, *The Rise and Decline of International Communism*.

Examination Arrangements: For M.Sc. students there will be a three-hour examination in the Summer Term. It will contain twelve questions of which three are to be answered and will be based on material arising out of the relevant lectures and seminars.

For B.Sc. students taking **International Communism** as an approved subject there will be a three-hour examination in the Summer Term. It will contain twelve questions of which four are to be answered and will be based on a material arising out of the lecture course and seminar.

IR4662

International Politics: Asia and the Pacific

(N.B. This subject is usually offered as an M.Sc. International Relations option but for 1994-95 will be a non-examinable lecture series.)

Teacher Responsible: Mr. M. Yahuda, Room A230

Course Intended Primarily for interested students.

Core Syllabus: The international political experience of primarily post-colonial states in a region beset by recurrent conflict and external intervention.

Course Content: The relationship between domestic order and regional environment; the impact and legacy of the transfers of power; the interests and roles of extra-regional states; alliance and non-alignment in foreign policies; sources of intra-regional conflict; the quality of regional cooperation and the problems of regional order primarily with reference to East and South-East Asia.

Pre-Requisites: Desirable to possess a first degree in politics and/or history but special interest in region of prime importance.

Teaching Arrangements: Ten lectures (IR119) in the Michaelmas Term.

Basic Reading List: (A full reading guide will be made available to interested students). Wayne Wilcox et al. (Eds.), *Asia and the International System*; Evelyn Colbert, *Southeast Asia in International Politics*; A. Surhke & C. M. Morrison, *Strategies of Survival: The Foreign Policy Dilemmas of Smaller Asian States*; Michael Leifer (Ed.), *The Balance of Power in East Asia*; Alastair Lamb, *Asian Frontiers*.

IR4663

International Politics: Africa and the Middle East

(i) Africa

Teacher Responsible: Professor J. Mayall, Room A234

Course Intended Primarily for M.Sc. International Relations and M.A. Area Studies Africa.

Core Syllabus: The relations of African states with one another and with the major external powers.

Course Content: Decolonization and Pan-Africanism. The African regional order: the formation and operation of the O.A.U. Boundary Conflicts; irredentism, secession and external intervention in African conflicts. The role of African States in the international system: The U.N., UNCTAD and the non-aligned movement. The role of the ECA. Association with the EEC. The struggle for power in Southern Africa. Relations with outside powers.

Teaching Arrangements: A course of ten lectures (IR158) is given in the Michaelmas and Lent Terms beginning in week 6 of the Michaelmas Term.

A weekly seminar (IR158) is held in the Lent and Summer Terms. Students present papers on agreed topics. The following courses may also be of interest:

IR106 **Foreign Policy Analysis**, IR118 **New States in World Politics**, So133 **Theories and Problems of Nationalism**. Students taking the M.Sc. in International Relations will be assigned a personal Tutor in the International Relations Department who

will supervise their overall preparation for the examination. Professor Mayall will, however, provide guidance relating to this paper for those students who are not his personal tutees.

(N.B. M.Sc. students who take the Africa and Middle East paper may concentrate solely on Africa or on the Middle East. Alternatively, they may follow both courses and answer questions from both parts of the paper in the final examination.)

Reading List: This is not a subject for which there is a minimal reading list which covers the entire syllabus. Students are therefore advised to consult the supplementary reading list which will be distributed at the beginning of the Course. The following titles, however, provide a useful introduction; those marked with an asterisk are available in recent paperback edition.

I. Wallerstein, *Africa: The Politics of Unity*; Ali Mazrui, *Towards a Pax Africana*; Z. Cervenka, *The Unfinished Quest for Unity*; Saadia Touval, *The Boundary Politics of Independent Africa*; J. Mayall, *Africa: The Cold War and After*; *A. Gavshon, *Crisis in Africa: Battleground of East and West*, Penguin, 1982; *T. Shaw & N. Sola Ojo, *Africa and the International Political System*, University of America Press, 1982; W. T. Levine & T. W. Luke, *The Arab-African Connection: The Political and Economic Realities*; Douglas Rimmer (Ed.), *Africa 30 Years On* (James Currey, 1991).

Examination Arrangements: Separate three-hour examination papers are set for the M.Sc. African Government and Politics; M.Sc. in International Politics; M.Sc. in International Politics of Africa and the Middle East; M.A. Area Studies Africa. Candidates answer three of the questions set. In the first two of these papers the questions follow the syllabus - for examples see the annexe to the supplementary reading list. In the case of the M.A. the paper is designed to reflect the special interests of the candidates on subject to be discussed with Professor Mayall during the Michaelmas and Lent Terms.

(ii) The Middle East

Teachers Responsible: Professor F. Halliday, Room A136 and Mr. P. Windsor, Room A120

Course Intended Primarily for M.Sc. in International Relations students.

Core Syllabus: The course is intended to provide an analysis of the regional politics of the Middle East since 1918, and of their interaction with problems of international security, global resources and super-power policies.

Course Content: The contemporary significance of the Middle East in the context of great power relations; the emergence and development of the Middle Eastern states system; sources of conflict; the interplay of domestic politics, regional conflicts and international rivalries in the policies of Middle Eastern governments; the importance of oil and other economic interests; great power rivalry and the strategic position of the Middle East.

Pre-Requisites: A knowledge of the international political system and of the major issues in its contemporary development.

Teaching Arrangements: There will be 20 lectures, (IR121) and ten seminars (IR159). Seminar attendees

will be expected to submit three essays, based on past examination papers. The lecture course IR105 **The Foreign Policies of the Powers** may also be of interest.

Reading List: Students are not particularly advised to purchase any book since the more comprehensive introductions are not necessarily in print. However, they are advised to have read, before the beginning of the course: M. E. Yapp, *The Near East Since the First World War*; and/or G. Lenczowski, *The Middle East in World Affairs*.

In addition they are recommended to consult: M. Kerr, *The Arab Cold War*; W. B. Quandt, *Decade of Decisions: American Policy Towards the Arab-Israeli Conflict*; R. Freedman, *Soviet Policy Toward the Middle East since 1970*; B. Lewis, *The Arabs in History*; T. Asad & R. Owen (Eds.), *The Middle East*; F. Ajami, *The Arab Predicament*; S. Bromley, *Rethinking Middle East Politics*; B. Korany & A. Dessouki (Eds.), *The Foreign Policies of Arab States*.

Examination Arrangements: There is one three-hour examination in the Summer Term.

IR4750

International Politics of Western Europe

Teacher Responsible: Professor C. J. Hill, Room A232

Course Intended Primarily for M.Sc. International Relations and M.Sc. European Studies.

Core Syllabus: The International relations of the major states of Western Europe, including the external relations of the European Community, Political Co-operation, and the Common Foreign and Security Policy of the European Union.

Course Content: The foreign policies of the states of Western Europe, with particular reference to Britain, France, Germany, Italy and Spain. The neutral (and ex-neutral) states and the smaller states will be treated as groups. The issues of security, defence and cohesion. The roles of geography, culture and domestic policies. The nature of 'Western Europe' and its relationship to the other regions of Europe and to the European Community. The external relations of the Community. European interests in wider international relations. Collective decision-making.

Pre-Requisites: Some basic knowledge of International Relations as an academic discipline is desirable, together with some acquaintance with the general evolution of world politics in the twentieth century.

Teaching Arrangements: The core of the **International Politics of Western Europe** is a seminar (IR155) which meets during the Lent Term and for the first four or five weeks of the Summer Term. All students should also attend relevant lectures in the **Foreign Policies of the Powers** (IR105), and **The External Relations of the European Union** (IR123 and IR162).

Written Work: Students should write two essays during the course, to be handed in to their seminar leader.

These do not count towards the examination.

Reading List: Reading lists will be provided at the first meeting of each of the seminars. Students will

find the following introductory books particularly helpful: R. C. Macridis (Ed.), *Foreign Policy and World Politics* (8th edn.); G. Edwards & E. Regelsberger (Eds.), *Europe's Global Links: The European Community and Inter-regional Cooperation*.

Examination Arrangements: Examination papers in these subjects are taken in the Summer Term. The normal length of each paper is twelve questions, of which candidates are invited to answer any three.

Department of Law

LL.M.

Note: The following regulations are subject to amendment by the University. For up-to-date information, students should consult the latest edition of the Regulations for Internal Students, published annually by the University

Additional Entry Qualifications

A first degree with a substantial law content or a degree in another subject together with a CPE.

Duration of Course of Study

Full-time: A period of twelve months commencing October.

Part-time: A period of twenty-four months commencing in October.

Subjects of Study

Courses marked with an asterisk in the list below are normally given by teachers of the School. Those not so marked are given at the other Colleges of the University. Students registered at this School must choose the equivalent of an least *two* full courses given by teachers of the School.

Each year a special topic or topics may be prescribed and details will be announced before the beginning of the academic year in which the topic(s) will be offered. Each special topic will be approved by the Board of Studies in Laws and will be designated a half-subject.

Candidates should note that not all subjects listed may be available in any one year.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1.	Jurisprudence and Legal Theory*	LL6000
2.	Law and Social Theory*	LL6003
3.	Legal History	
4.	Modern Legal History* <i>(this option is examined by a 15,000 word long essay)</i>	LL6004
5.	Administrative Law	
8.	Comparative Constitutional Law II	
9.	The Principles of Civil Litigation*	LL6010
10.	Evidence and Proof <i>(This course will also be available as two half-subjects)</i>	
11.	The Legal and Political Thought of Jeremy Bentham	
12.	The Theory and Practice of Parliament	
13.	Regulation and Law* <i>(not available 1994-95 & 1995-96)</i>	LL6128
14.	Regulation of Financial Markets*	LL6129
15.	Alternative Dispute Resolution*	LL6132
16.	UK Government and the Constitution	
17.	Ethnic Minorities and the Law	
18.	Anti-Discrimination Programmes <i>(half-subject)</i>	
19.	Media Law	
20.	Telecommunications Law <i>(half-subject)</i>	
21.	Company Law*	LL6076
22.	Insurance	
23.	Marine Insurance* <i>(not available at LSE 1994-95)</i>	LL6142

Paper Number	Paper Title	Course Guide Number
24.	Carriage of Goods by Sea*	LL6140
25.	Admiralty Law	
28.	Taxation of Business Enterprises*	LL6104
29.	Taxation Principles and Policy*	LL6103
30.	Tax, Social Security and the Family* (not available 1994-95)	LL6105
31.	International Tax Law*	LL6106
32.	Law of Credit and Security	
33.	Commercial Arbitration (may not be offered with half subject 125)	
34.	Legal Responsibilities of Banks*(half-subject)	LL6136
35.	Corporate Insolvency (can be taken as two half subjects)	
36.	Securities Regulation (Part I may be offered as a half-subject) (may not be offered with subject 14)	LL6079
37.	Commercial Conflict of Laws (may not be offered with subjects 89 & 90)	
38.	General Principles of Insolvency Law*	LL6131
39.	European Community Tax Law (half-subject)	
41.	Industrial and Intellectual Property*	LL6075
42.	Information Technology Law	
43.	Franchising Law (half-subject)	
44.	Aspects of Technology Transfer (half-subject)	
45.	Law of Management and Labour Relations*	LL6111
46.	Individual Employment Law*	LL6110
47.	Monopoly, Competition and the Law (May not be offered with the Competition Law special subject of subject 66, nor with subject 67 nor with subject 71)	
48.	Economic Analysis of Law	
49.	International and Comparative Labour Law	
50.	Compensation and the Law*	LL6130
51.	The Law of Property Development	
52.	The Law of Charities and Voluntary Organizations	
54.	Planning and Environmental Control*	LL6155
56.	Tax and Estate Planning	
57.	Taxation of Property and Investments	
58.	The Law of Restitution* (not available at LSE 1994-95)	LL6085
59.	Housing Law: Public Provision and Standards	
60.	Comparative European Company Laws (may not be offered with subject 21)	
61.	Comparative Law of Contract in Roman and English Law	
62.	Comparative European Law (The Soviet Law option for this subject may not be offered with subject 110)	
64.	Comparative Family Law* (Candidates offering Commonwealth Africa in Section B may not offer subject 101)	LL6018
65.	Comparative Conflict of Laws	
66.	European Community Law* (The Competition Law special subject of this paper may not be offered with subject 47, nor with subjects 67 or 71; the Social Policy special subject of this paper may not be offered with subject 68) (Any special subject in this paper may be offered as a half-subject). Social Policy is not available 1994-95.	LL6015

Paper Number	Paper Title	Course Guide Number
67.	European Community Competition Law* (This subject may not be offered with subjects 47, or 71, nor with the Competition Law special subject of subject 66)	LL6031
68.	The European Internal Market* (May not be offered with the Social Policy special subject of subject 66)	LL6036
69.	Arab Comparative Commercial Law	
70A.	Foreign Investment in Russia and the CIS (half-subject)	
70B.	Legal Framework of East-West Trade (half-subject)	
71.	Comparative US and EEC Antitrust Law (May not be offered with the Competition Law special subject of subject 66, nor with subject 47, nor with subject 67)	
72.	Law and Urbanisation in Developing Countries* (not available at LSE 1994-95)	LL6064
73.	Comparative Energy and Mineral Resources Law	
74.	Comparative Immigration and Nationality Law	
75.	History of International Law	
76.	Methods and Sources of International Law	
77.	Comparative Approaches to International Law (half-subject)	
78.	United Nations Law*	LL6048
79.	Constitutional and Institutional Law of the European Union*	LL6049
82.	International Air Law (excluding Law of Carriage by Air)	
83.	Space Law (half-subject)	
84.	Law of Carriage by Air (half-subject)	
85.	International Law of the Sea*	LL6060
86.	International Economic Law*	LL6054
87.	International Law of Armed Conflict and the Use of Force	
88.	Legal Aspects of Defence Studies	
89.	International Business Transactions I: Litigation* (May not be offered with subject 37)	LL6033
90.	International Business Transactions II: Substantive Law* (May not be offered with subject 37)	LL6035
91.	International Law of Natural Resources*	LL6057
92.	Multinational Enterprises and the Law*	LL6061
93.	Legal Aspects of International Finance*	LL6062
94.	International Environmental Law*	LL6063
95.	International Trade Law	
96.	Law of Treaties	
97.	International Protection of Human Rights*	LL6052
98.	Human Rights in the Developing World	
99.	Foreign Relations Law	
100.	Law and Development	
101.	African Law of the Family and Succession (May not be offered with Commonwealth Africa under Section B of subject 64)	
102.	Land Law and Policy in Sub-Saharan Africa (half-subject)	
103.	Law and Society in South Asia	
104.	Law, State and Family in S.E. Asia (Also available as two half-subjects)	
105.	Islamic Law of Succession	
106.	Islamic Law	
107.	Traditional and Customary Chinese Law	
108.	Foreign Trade and Investment Law of East Asia (Also available as two half-subjects)	

Paper Number	Paper Title	Course Guide Number
108A	Foreign Trade and Investment Law of the PRC	
109	Modern Chinese Law (Also available as two half-subjects)	
110	Russian and Other CIS Legal Systems (Also available as two half-subjects)	
111	Japanese Law	
112	Theoretical Criminology*	LL6121
113	Crime Control and Public Policy*	LL6122
114	Sentencing and the Criminal Process*	LL6124
115	Juvenile Justice*	LL6123
116	Child Law	
117	Criminal Procedure*	LL6120
118	Policing and Police Powers*	LL6133
119	Theoretical and Comparative Criminal Law*	LL6134
120	International Criminal Law*	LL6135
121	Comparative Environmental Law (half-subject)	LL6134
122	European Community Environmental Law (half-subject)	
123	Environmental Law and Policy*	LL6157
124	Planning and Property Development	
125	International Constitution Contract Arbitration (May not be offered with subject 33)	
126	International Law on the Rights of the Child	
127	International and Comparative Law of Patents, Trade Secrets and Related Rights (Candidates who also offer subject 41 Intellectual Property will not be permitted at examination to answer questions on the overlapping sections of the syllabuses)	
128	International and Comparative Law of Copyright and Related Rights (Candidates who also offer subject 41 Intellectual Property will not be permitted at examination to answer questions on the overlapping sections of the syllabuses)	
129	International and Comparative Law of Trade Marks, Designs and Unfair Competition (Candidates who also offer subject 41 Intellectual Property will not be permitted at examination to answer questions on the overlapping sections of the syllabuses)	
130	The Law and the Environment in Africa and Asia	
131	European Community Commercial Law and the Wider Europe (half-subject)	
132	Electronic Banking (half-subject)	
133	Law of Cultural Property	
134	The Law and Practice of Banking Regulation in the United Kingdom and the European Communities* (half-subject)	LL6137
135	Employee Share Schemes (half-subject)	
136	Value Addex Tax	
137	Banking Law: Bank Regulation and Law of Bank Services	

The following subjects are also likely to be offered:

- Selected Aspects of Chinese Economic and Commercial Law (half-subject)
- Commercial Law of the People's Republic of China
- Japanese Commercial Transactions (half-subject)
- Japanese Corporate Law

With the permission of the School a candidate may be permitted to select one or exceptionally two complementary subjects or the equivalent of comparable level from any other

Master's course in the University. A complementary subject may be chosen in substitution for either a full or a half-subject, provided that a candidate takes at least two full subjects in the degree as a whole. Applications for permission must be made by the end of the Michaelmas Term. The examination in the substituted subject or subjects will be taken in accordance with the Regulations appropriate to the particular course under which the subject is listed.

Curriculum

Candidates must offer:

- 1 Four of the full subjects listed above:
- or 2 A combination of full and half-subjects, to a total value of four full subjects, which must include at least two full subjects;
- or 3 With the leave of the School of registration, a combination of full and half-subjects, which must include at least two full subjects, and an essay or essays written during the course of study on an approved legal topic or topics. A candidate's choice of essay will be subject to the availability of a supervisor. Candidates may replace a full or half-subject by an essay, provided that (i) they attend courses for not less than three LLM subjects (or half-subject equivalents) and (ii) no more than one full subject and two half-subjects are examined by means of essay.

Examination

Candidates will be examined on all elements of the course, i.e., to a total value of four full subjects. A full subject is normally examined by means of one three-hour written paper; for certain specified subjects the examination is by a three hour written paper and a course essay not exceeding 7,000 words in length. A half-subject is normally examined by means of one two-hour written paper, but some half-subjects are examined by means of an essay of not more than 8,000 words in length. In both cases the essay is submitted in the same year as the written part of the examination. Other methods of examination may be approved from time to time and candidates should consult the LLM Syllabus Booklet which sets out the mode of assessment for each course in detail.

Where permission has been granted for an essay to be submitted in place of a full or half-subject the essay must be submitted in duplicate in typescript by 1 July and must not exceed 15,000 words in length (for a full subject) or 8,000 words (for a half-subject). The essay should be written on a legal topic approved by the School and notified to the University and must provide evidence of original work or a capacity for critical analysis. The title of the essay must be notified to the University by the last day of February in the year in which the candidate presents himself or herself for examination.

An oral examination may be held if the examiners so determine.

Candidates following the part-time course may, with the approval of the School of registration, take the examination in two parts. The first part will consist of either

- (a) written papers on two full subjects (or on one full subject and two half-subjects) or
- (b) a written paper or papers and an essay or essays (if leave to submit an essay or essays has been granted) to the value of two full subjects which will be taken in the first year of the course. The second part will consist of the remaining parts of the examination and will be taken in the final year of the course. Candidates following the part-time course who fail the first part of the examination shall re-enter for the first part and enter the second part at the same examination and, if on that occasion the examination is failed, may make one further attempt at the whole examination. Candidates following the part-time course who fail the second part of the examination shall on re-entry be required to enter for the whole examination.

Questions may be set on recent legislation and current proposals for law reform within the scope of the syllabus.

Statutes and other materials may not be brought into the examination room except in accordance with the following regulations:

Candidates are permitted to take into the examination

- (1) a Queen's Printer copy of any statute which the Board of Examiners for the time being state that a candidate may take into the examination room and of any statute, amending the permitted statutes, passed since 1980 or such later date as may be stated by the Board of Examiners
- (2) a copy of any other material which the Board of Examiners for the time being state that a candidate may take into the examination room.

Candidates may use underlining or coloured highlight markers to annotate materials taken into the examination, but all other forms of personal annotation on statutes and other materials permitted to be taken into the examination are strictly forbidden.

Candidates who have passed at least three subjects from one of the categories set out below, or two subjects and an essay or essays which in the opinion of the University falls within the same category (in either case counting two half-subjects as one full subject), may elect to have the title of their subject grouping included on the degree certificate. Such election must be made at the time of entry to the examination and, where it includes an essay or essays, must be supported by the essay supervisor. Not more than one subject grouping may be included on the certificate. A subject grouping may include any relevant complementary subject.

Dates of Examination

Written papers The examination will normally be held during the four weeks commencing on the Monday preceding the August Bank Holiday.

Essay 1 July.

(Except that subjects permitted to be taken from other Master's courses will be examined at the time the respective courses of which they form a part are examined.)

Subject Groupings

The following subject groups are recognised by the University for the purpose of including the grouping on the degree certificate:

Group I: Public Law. Subjects, 5, 6, 7, 8, 12, 13, 16, 17, 19, 20, 54, 59, 72, 74, 97, 98, 100, 104, 109, 123, 124.

Group II: Criminology and Criminal Justice. Subjects 63, 112, 113, 114, 115, 117, 118, 119, 120.

Group III: Public International Law. Subjects 74, 75, 76, 77, 78, 80, 81, 82, 83, 84, 85, 86, 87, 88, 91, 94, 96, 97, 99, 120, 126.

Group IV: Commercial and Corporate Law. Subjects 14, 20, 21, 22, 23, 24, 27, 28, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 47, 58, 60, 66, 67, 68, 69, 70A, 70B, 71, 81, 83, 84, 86, 89, 90, 91, 92, 93, 95, 108, 125, 127, 128, 129, 131, 132, 134.

Group V: Tax. Subjects 26, 27, 28, 29, 30, 31, 39, 55, 56, 57.

Group VI: Maritime Law. Subjects 23, 24, 25, 85.

Group VII: European Law. Subjects 19, 39, 41, 60, 62, 66, 67, 68, 71, 79, 122, 131.

Group IX: Labour Law. Subjects 21, 45, 46, 49, 50, 135.

Group XI: Legal Theory and History. Subjects 1, 2, 3, 4, 10, 11, 12, 13, 14, 15, 48, 75, 100.

Group XII: Economic Regulation. Subjects 13, 14, 20, 36, 44, 48, 86.

Group XIV: Procedural Law. Subjects 9, 10, 13, 15, 33, 50, 63, 89, 117, 125.

Group XV: International Business Law. Subjects 14, 20, 21, 23, 24, 28, 31, 33, 37, 44, 65, 67, 68, 69, 70A, 70B, 71, 73, 83, 84, 86, 89, 90, 91, 92, 93, 95, 108, 125, 127, 128, 129, 131, 132.

Group XVI: Islamic Law. Subjects 69, 105, 106.

Group XVIII: Law and Development. Without prejudice to an application for a complementary subject to be included in the group, in order to qualify for this Subject Grouping candi-

dates must offer subjects to the value of at least one full subject from list A below, and other subjects to the value of at least two full subjects from either of the lists below:

List A: 72, 86, 91, 94, 98, 100, 130.

List B: 15, 44, 66(d), 70A, 70B, 85, 92, 101, 102, 103, 104, 106, 108, 109, 110, 126. The special topic (*if a Law and Development topic*); an essay on law and development.

Group XIX: East Asian Law. Subjects 70A, 70B, 104, 106, 107, 108, 109, 110, 111.

Group XX: Environmental Law. In order to qualify for this Subject Grouping candidates must offer subjects to the value of at least two full subjects from list A below, and a subject or subjects to the value of at least one other full subject from any lists A, B or C below:

List A: 94, 121, 122, 123, 124, 130.

List B: 72, 85, 86, 91, 100.

List C: The special topic (*if offered*); an essay on environmental law.

Group XXI: Intellectual Property. Subjects 19, 41, 42, 43, 44, 127, 128, 129.

Group XXII: Banking Law. Subjects 14, 32, 34, 36, 36A, 86, 93, 132, 134, 137.

(N.B. The subject group, if appropriate, for the following half-subject will be recommended by the course convener at the time of notification of the essay title: 18.)

The above regulations are laid down by the University of London and may be amended before the academic year begins. Up-to-date information may be obtained from the University.

Students are advised to refer to the University of London Syllabuses for the LLM Degree for Internal Students for further information regarding subject groupings.

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
LL124	Legal and Social Change since 1750 - Seminar Mr. W. T. Murphy	20/ML	LL5137; LL6004
LL162	Elements of Labour Law Mr. R. C. Simpson	20/ML	LL5062; LL6112
LL202	Urban and Environmental Law in Developing Countries (Not available 1994-95)	25/MLS	LL6064
LL203	Company Law Dr. K. Skoyles and others	26/MLS	LL6076
LL204	Taxation Principles and Policies Mrs. J. Freedman and Mrs. J. Dyson	26/MLS	LL6103
LL205	Taxation of Business Enterprises Mrs. J. Freedman and others	26/MLS	LL6104

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
LL206	The Law of Restitution (Not available 1994-95)	30/MLS	LL6085
LL207	Tax, Social Security and the Family (Not available 1994-95)	30/MLS	LL6105
LL208	European Community Competition Law Mr. P. T. Muchlinski	26/MLS	LL6031
LL209	The Principles of Civil Litigation Professor M. Zander, Professor Cyril Glasser (UCL) and Dr. A. Zuckerman	26/MLS	LL6010
LL210	Criminal Procedure Professor L. H. Leigh and Professor M. Zander	26/MLS	LL6120
LL211	International Criminal Law Professor R. Mullerson	26/MLS	LL6135
LL212	Comparative Family Law Mr. D. C. Bradley and teachers from SOAS	26/MLS	LL6018
LL213	United Nations Law Professor R. Higgins and Mr. D. Bethlehem	26/MLS	LL6048
LL214	Constitutional and Institutional Law of the European Union Professor T. C. Hartley	26/MLS	LL6049
LL215	European Community Law (Social Policy) (Not available 1994-95) Dr. E. Szyszczak	13/LS	LL6015
LL216	International Law of the Sea Dr. G. Plant	26/MLS	LL6060
LL217	The International Law of Natural Resources Professor R. Higgins	26/MLS	LL6057
LL218	International Economic Law Mr. D. Bethlehem	26/MLS	LL6054
LL219	International Business Transactions I: Litigation Professor T. C. Hartley	26/MLS	LL6033

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
LL220	Industrial and Intellectual Property Mr. D. Llewelyn, Ms. A. Barron, Mr. B. Sherman, Professor G. Dworkin and Mr. L. Bentley (KCL)	26/MLS	LL6075
LL221	Theoretical Criminology Professor R. Reiner, Professor R. Cotterrell (QMW), Dr. W. Morrison (QMW) and Dr. E. Genders (UCL)	26/MLS	LL6121
LL222	Crime Control and Public Policy Professor R. Reiner, Dr. E. Genders, Professor Nelken (UCL), Dr. G. Richardson (QMW) and Dr. Player (KCL)	26/MLS	LL6122
LL223	Sentencing and the Criminal Process Professor Ashworth (KCL)	26/MLS	LL6124
LL224	Law of Management and Labour Relations Professor Lord Wedderburn	26/MLS	LL6111
LL225	Individual Employment Law Mr. R. C. Simpson, Dr. E. Szyszczak and Professor Rideout (UCL)	26/MLS	LL6110
LL226	International Protection of Human Rights - Seminar Professor R. Higgins	26/MLS	LL5132; LL6052
LL227	Economic Analysis of Law (Graduate Course) (Not available 1994-95)	MLS	LL6030
LL228	International Business Transactions II: Substantive Law Professor T. C. Hartley and Professor R. Morse (KC)	26/MLS	LL6035
LL229	International Tax Law Professor D. Williams (QMW) and Dr. P. Baker (SOAS) with L.S.E. contribution from Professor J. Avery Jones	26/MLS	LL6106
LL230	Legal Responsibilities of Banks (half-subject) Professor R. Cranston	13/ML	LL6136

Lecture/ Seminar Number			Course Guide Number
LL231	Issues in Taxation - Seminar Dr. J. I. Leape, Professor J. Avery Jones and Mrs. J. Freedman	8/MLS	Ec2435
LL232	Legal Aspects of International Finance Professor R. Cranston	26/MLS	LL6062
LL233	Multinational (Transnational) Enterprises and the Law Mr. P. T. Muchlinski	26/MLS	LL6061
LL234	Marine Insurance (Not available 1994-95)	26/MLS	LL6142
LL235	Planning and Environmental Control (Not available 1994-95)		
LL236	Carriage of Goods by Sea	26/MLS	LL6140
LL237	Environmental Law and Policy Ms. L. N. Wilder	26/MLS	LL6157
LL238	Law and Social Theory Mr. W. T. Murphy, Mr. R. A. Pottage and Professor G. Teubner	26/MLS	LL6003
LL239	International Environmental Law Dr. G. Plant	26/MLS	LL6063
LL240	Modern Legal History Mr. W. T. Murphy	26/MLS	LL6004
LL241	Regulation and Law (Not available 1994-95) Dr. R. Baldwin and Mr. C. D. Scott	26/MLS	LL6128
LL242	Regulation of Financial Markets	26/MLS	LL6129
LL243	Compensation and the Law Dr. J. Fulbrook	26/MLS	LL6130
LL244	Insolvency Law: General Principles Ms. V. M. I. Finch and Ms. A. Clarke (UCL)	26/MLS	LL6131
LL245	Alternative Dispute Resolution Professor S. A. Roberts	26/MLS	LL6132

Lecture/ Seminar Number			Course Guide Number
LL246	Policing and Police Powers Professor R. Reiner	26/MLS	LL6133
LL247	Juvenile Justice Ms. J. Fionda (KCL) and Mr. W. Morrison (QMW)	26/MLS	LL6123
LL248	Theoretical and Comparative Criminal Law Professor L. H. Leigh	26/MLS	LL6134
LL249	The European Internal Market Mr. D. Chalmers and Dr. E. Szyszczak	26/MLS	LL6036
LL250	Jurisprudence and Legal Theory Part A Professor H. G. Collins, Professor G. Teubner, Professor W. L. Twining and others	26/MLS	LL6000
LL252	The Law and Practice of Banking Regulation in the United Kingdom and European Communities (half-subject) Mr. K. McGuire and Professor J. Norton (QMW)	13/ML	LL6137

Course Guides

Issues in Taxation

Teachers Responsible: Dr. Jonathan Leape, Room B715, Professor J. F. Avery Jones and Mrs. Judith Freedman, Room A540

Meetings Intended for all with an interest in taxation including LL.M. and M.Sc. students.

The aim of the meetings is to discuss tax problems which are of interest to lawyers, economists, accountants and government officials in an interdisciplinary way.

Course Content: The precise topics for the seminars are chosen each year from subjects of current interest. Discussion is often centred around recent official or semi-official publications and the meetings provide a forum for discussion on taxation involving a wide variety of participants. Those attending the meetings are encouraged to participate but students wishing to observe only are also very welcome.

Teaching Arrangements: Monthly seminars of 1½ hours each. Sessional.

Reading List: There is no fixed list, selections being made from year to year on the basis of topicality.

Examination Arrangements: There is no separate examination but the knowledge acquired may help to

improve examination answers in other taxation courses. LL.M. taxation students will be informed in class which sessions would be of particular value to them.

LL231

LL251

Law Department Research Seminar

Teacher Responsible: Mr. P. T. Muchlinski, Room L107

Course Intended Primarily for M. Phil. and Ph.D. research students and interested LL.M. students.

Course Content: Presentations by currently registered research students on aspects of their own research, focusing on problems of methodology and theory underlying their work. Additional presentations will be made by members of staff and by visiting speakers, upon topics of interest to the research student body of the Department.

Teaching Arrangements: 15 seminars in Michaelmas, Lent and Summer Terms (subject to number of currently registered research students).

Examination Arrangements: There are no examination arrangements. However, each research student is expected to make at least one presentation a year.

LL6000

Jurisprudence and Legal Theory Part A

Teachers Responsible: Professor H. G. Collins, Room A340, Professor G. Teubner, Room A342, Professor W. L. Twining and others

Course Intended Primarily for LL.M. students

Course Content: The course is divided into two parts.

Part A: A detailed historical and critical study of the development of Anglo-American Jurisprudence from 1750 to the present day.

Part B: Recent critical perspectives on legal reasoning and legal theory. Topics include Marxism, feminism, systems theory, law and science, law and interpretation, and American Critical Legal Studies.

Teaching Arrangements:

26 two hour seminars Sessional.

Reading List: For Part A texts will be prescribed annually. Seminar teachers will suggest additional readings for Part B.

Examination Arrangements: This subject is examined by one three-hour paper and one course essay, not exceeding 8,000 words on a topic chosen in consultation with the teachers responsible for the course. The essay must be submitted in duplicate not later than 1 July of the year of examination. In the overall assessment of the candidate's performance the essay shall carry a weighting of 40 percent of the total marks awarded, and the examination 60 percent.

LL6003

Law and Social Theory

Teacher Responsible: Mr. W. T. Murphy, Room A372

Course Intended Primarily for LL.M.

Core Syllabus: This course is designed to introduce students to the study of law through the perspective of modern social theory.

Course Content:

A. Law, Modernity and Society

B. Rules and the Boundaries of the Social

C. The Human and the Social Subject.

Select Bibliography: Emile Durkheim, *The Division of Labour in Society*; Emile Durkheim, *Suicide*; Bronislaw Malinowski, *Argonauts of the Western Pacific*; Marcel Mauss, *A Category of the human mind: the notion of person; the notion of self*; Sigmund Freud, *On Metapsychology*; Niklas Luhmann, *Ecological Communication*; Niklas Luhmann, *Ecological Communication*; Pierre Bourdieu, *The Logic of Practice*; Marilyn Strathern, *Reproducing the Future*; Jürgen Habermas, *The Philosophical Discourse of Modernity*; Michael Foucault, *The History of Sexuality Volume I*; Jacques Lacan, *The Seminar of Jacques Lacan Book II*; Alice Jardine, *Gynesis*.

Teaching Arrangements:

26 two-hour seminars (LL238).

The seminars will be conducted by Mr. Murphy, Mr. Pottage and Professor Teubner.

Examination Arrangements:

The course is assessed by means of ONE three-hour examination. The marks obtained count for 60% of the composite mark for the course. In addition,

students are required to submit an essay of 8,000 words maximum.

LL6004

Modern Legal History

Teacher Responsible: Mr. W. T. Murphy

Course Intended Primarily for LL.M. students.

Core Syllabus: A survey of developments in English law in the period 1750-1950 in their social, economic and political context. Not all the specific topics listed in the syllabus will be covered in any year.

Course Content: Sources and methods; Social change, law reform and the main movements in political and economic thought, Constitutional and administrative law; reform of Parliament and local government; Judicial review; Police and criminal law; The legal system: courts, legal profession, procedural reform; Contract: theoretical basis, commercial contracts, consumer contracts, public policy; Tort: negligence, nuisance, economic torts; Land law: settlements, married women, conveyancing; Personal status: marriage and divorce, family support, children; Associations: incorporation and other forms of business organisation; trade unions and legal regulation of labour; Social welfare law; relief of poverty, public health, environmental control, safety, education.

Pre-Requisites: None, but some knowledge of British political and economic history in the period is desirable.

Teaching Arrangements: One weekly two-hour seminar.

Reading List: A detailed reading list is available at the beginning of the course from either of the teachers responsible.

Written Work: No formal written work is prescribed but students will be expected to make presentations to the seminar.

Examination Arrangements: By means of 15,000 word long essay.

LL6010

Principles of Civil Litigation

Teachers Responsible: Professor Michael Zander, Room A457 with Professor Cyril Glasser at University College and Dr. Adrian Zuckerman of Oxford University

Course Intended Primarily for LL.M. students.

Core Syllabus: The course, as its title indicates, is concerned more with the principles than with the details of civil procedure. Its focus is the English system but reference is made throughout to other models.

Course Content: The course will consist of selected topics chosen from the following: general principles and practice of civil litigation, including: the organisation, jurisdiction and functions of the various Courts and Tribunals and of the legal profession including in particular the Courts and Legal Services Act 1990. The remedies afforded by civil proceedings (both interlocutory and final) including enforcement of judgements and orders. The procedures adopted in the High Court and in the County Court in

ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessment of damages or other consequential relief; the system and right of appeal and the procedure on appeal; (knowledge of the law of evidence will not be required, except so far as it affects the general procedure). The social and economic effects and value of present system of civil litigation.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture per week (LL209) on a Monday at University College at 6.15-7.45 p.m.

Written Work: No written work is set during the year but students wishing to do essays can get them marked.

Reading List: Students will be issued with a full reading list at the beginning of the year with reading suggested for each lecture topic. The subject does not have a single book that covers the course. Students will probably wish to buy one or two books. The most useful are: W. B. Odgers, *Pleading and Practice*; P. St. Langan & D. G. Lawrence, *Civil Procedure*; D. Barnard, *The Civil Court in Action*; D. B. Casson & I. H. Dennis, *Modern Developments in the Law of Civil Procedure*; M. Zander, *Cases and Materials on the English Legal System*; Sir Jack Jacob, *The Fabric of English Civil Litigation*; Sir Jack Jacob, *The Reform of Civil Procedural Law*.

Examination Arrangements: There is a three-hour formal examination in September based on the syllabus and the series of lectures.

There are normally ten or eleven questions out of which the candidate is expected to answer four.

LL6015

European Community Law (Social Policy)

(Not available 1994-95)

Teacher Responsible: Dr. E. Szyszczak, Room A355

Course Intended Primarily for LL.M. students and Diploma in International Law.

Core Syllabus: Social Policy may be taken either as a sub-option for European Community Law or as an independent half-unit course. It is concerned with the law relating to the social policy of the European Community.

Course Content: Freedom of movement: employees, self-employed persons, providers and receivers of services; discrimination on grounds of nationality and residence; recognition of qualifications to practice a trade or profession; sex discrimination.

Pre-Requisites: Candidates are expected to have or to acquire adequate knowledge of the institutions of the European Community. The course Law of European Institutions may be taken concurrently.

Teaching Arrangements: Seminars.

Reading List: Green, Hartley & Usher, *The Legal Foundations of the Single European Market*; Nielsen & Szyszczak, *The Social Dimension of the EC*; Blackstone's, *EEC Legislation*.

Examination Arrangements: Students doing European Community Law will sit a normal three hour written examination paper. Students doing

Social Policy as an independent half-unit course will sit a two hour written examination paper. In both cases, unmarked copies of Rudden & Wyatt (or Sweet & Maxwell's *European Community Treaties*) may be taken into the examination.

LL6018

Comparative Family Law

This course is offered jointly by the London School of Economics and Political Science and the School of Oriental and African Studies.

Teacher Responsible: Mr. D. Bradley, Room A465 (Co-ordinating Member of Staff)

Course Intended Primarily for LL.M. students.

Core Syllabus: The general objective of the course is to examine from a comparative perspective systems of family law and issues of contemporary importance in this field of law in industrialised and less developed countries.

Course Content: The course is in two parts. Section A covers the family laws of developed countries, and Section B covers less developed countries. The jurisdiction to be covered in Section A will be selected from: England and common law jurisdictions; Russia and former socialist jurisdictions; France; The Federal Republic of Germany; Sweden and the Nordic countries; Japan. Other jurisdictions may be included. The regions to be covered in Section B will be selected from: China, India, Commonwealth Africa, Islam.

The focus will be on the evolution and structure of legal regulation, the basis of legal policy, the context in which domestic relations laws operate and critical and institutional perspectives on this field of law. The topics to be considered will be selected from: marital capacity and divorce, abortion, sexual equality, the code of sexual morality including the treatment of unmarried cohabitation, children of unmarried parents and homosexuality, conciliation and mediation, domestic violence, child custody and protection; economic and property relations, succession and reproductive technology. Other topics may be covered.

Teaching Arrangements: One weekly lecture or seminar (LL212) lasting from 1-2 hours. Materials or reading lists will be provided.

Reading List: Detailed reading lists are provided.

General Reading: M. A. Glendon, *State, Law and Family*; J. Eekelaar, *Family Law and Social Policy*; M. A. Glendon, *The New Family and the New Property*.

Examination Arrangements: One three-hour paper.

LL6030

Economic Analysis of Law

(Not available 1993-94)

Course Intended Primarily for LL.M. degree.

Core Syllabus: First to introduce students to the economics of law and second to build from this to deal in depth with some important policy problems.

Course Content: Economic theories of legal topics such as:

- (1) Property Rights - allocation and transfer of rights, pollution control.
- (2) Torts - negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.
- (3) Contract - consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.
- (4) The Legal System - class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency of the common law, precedent.
- (5) Crime and Law Enforcement.
- (6) Racial and Sexual Discrimination.
- (7) Divorce and Alimony.
- (8) Rent Control.

Pre-Requisites: None, but students would benefit from some knowledge of elementary microeconomics.

Teaching Arrangements: 1 Seminar (LL227) each week.

Students are advised to attend lectures in LL.B. (LL127, SG. LL5136) course as grounding in basic analysis.

Written Work: Students are required to present one paper each term in seminar.

Reading List: Posner, *Economic Analysis of Law* (2nd edn.); Burrows & Veljanovski (Eds.), *The Economic Approach to Law*; Ackerman (Ed.), *Economic Foundations of Property Law*; Kronmann & Posner (Eds.), *Economics of Contract Law*; Rabin (Ed.), *Perspectives on Tort Law*.

Papers in the following journals: Journal of Legal Studies, Journal of Law & Economics, Yale Law Journal, Univ. of Chicago Law Review.

Examination Arrangements: Three-hour formal exam in September, 10 questions, four to be attempted.

LL6031

European Community Competition Law

Teacher Responsible: Mr. P. T. Muchlinski, Room L107

Course Intended Primarily for LL.M. students.

Core Syllabus: A comprehensive review of EC law relating to competition with some attention to economic analysis.

Course Content: The competition rules and practice of the EC: Articles 85-90 of the Treaty of Rome, the implementing regulations and other relevant provisions. Price-fixing and market sharing agreements; boycotts and discrimination. Exemptible forms of collaboration; exclusive distribution and purchasing agreements. Free movement of goods and industrial property rights. Abuse of a dominant position. Merger controls. The relationship between Community and national competition laws.

Pre-Requisites: There are no pre-requisites but it is desirable that students should be, or become, familiar with the general law and institutions of the EC.

Teaching Arrangements: One two hour seminar (LL208) each week.

Reading List: Whish, *Competition Law*; Bellamy & Child, *European Community Competition Law*; Kerse, *EEC Antitrust Procedure*; Korah,

Competition Law in Britain and the Common Market; Goyder, *EEC Competition Law*.

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

Examination Arrangements: Three and a quarter hour written examination (including fifteen minutes reading time) in September following the end of the course.

LL6033

International Business Transactions I: Litigation

Teacher Responsible: Professor T. C. Hartley, Room A467

Course Intended Primarily for LL.M. students intending to offer this subject in the examinations. Other students may attend only with the prior permission of Professor Hartley. This course is open only to Law students. It is not available for students taking the Diploma in International Law (or other Diplomas) or M.Sc. students. **Note: A maximum of 90 students will be permitted to attend this course.**

Core Syllabus: Litigation resulting from international business transactions.

Course Content: The following topics will be studied from the point of view of English, Commonwealth, American and (where relevant) European Community law:

1. Judicial jurisdiction in cases involving international business transactions, especially
 - (a) jurisdiction over companies (the "doing business" test);
 - (b) products liability actions;
 - (c) branches and agents;
 - (d) constitutional limitations on jurisdiction in the United States;
 - (e) forum-selection clauses;
 - (f) *forum non conveniens*;
 - (g) *lis alibi pendens*.

2. Obtaining evidence in transnational business litigation: extraterritorial application of the forum's own discovery rules, international judicial assistance, blocking statutes and injunctions.

3. Provisional remedies and procedural problems in transnational business litigation: Mareva injunctions, Anton Piller orders and equivalent remedies.

4. Enforcement of foreign judgements in commercial matters.

5. International commercial arbitration.

Pre-Requisites: A good general knowledge of law. Knowledge of conflict of laws (private international law) would be useful but is not essential. This course is not open to non-lawyers.

Teaching Arrangements:

Seminars: Sessional (LL219)

Teacher: Professor Hartley. Extensive case materials are provided by the School for sale to students. These should be read before each seminar. **Students will not be admitted to the course unless they purchase the materials.**

Reading List: (Students are not expected to buy any of these books): T. C. Hartley, *Civil Jurisdiction and Judgments*; Lawrence Collins, *Civil Jurisdiction and Judgments Act 1982*; Georges R. Delaume, *Transnational Contracts: Applicable Law and*

Settlement of Disputes; Ved P. Nanda & David K. Pansius, *Litigation of International Disputes in U.S. Courts*; Henry J. Steiner & Detlev F. Vagts, *Transnational Legal Problems*; Dicey & Morris, *The Conflict of Laws*; J. H. C. Morris, *The Conflict of Laws*; Cheshire & North, *Private International Law*; Robert A. Leflar, *American Conflicts Law*; Russell J. Weintraub, *Commentary on the Conflict of Law*; P. E. Nygh, *Conflict of Laws in Australia*; Eugene Scoles & Peter Hay, *Conflict of Laws*; J.-G. Castel, *Canadian Conflict of Laws*; C. Schmitthoff (Ed.), *International Commercial Arbitration*.

Examination Arrangements: Normal three-hour written examinations.

LL6035

International Business Transactions II: Substantive Law

Teacher Responsible: Professor T. C. Hartley, Room A467

Course Intended Primarily for LL.M. students intending to offer this subject in the examinations. Other students may attend only with the prior permission of Professor Hartley. This course is open only to Law students. It is not available for students taking the Diploma in International Law (or other Diplomas) or M.Sc. students. **Note: A maximum of 90 students will be permitted to take this course.**

Core Syllabus: Legal problems (other than litigation) relating to international business transactions.

Course Content: The following topics will be studied from the point of view of English, Commonwealth, American and (where relevant) European Community Law:

1. Applicable law in international commercial contracts.
2. International sale of goods.
3. The international reach of legislation for the regulation of business and the protection of consumers and employees.
4. The private international law aspects of boycotts and embargoes.
5. The application of international conventions to international business transactions.
6. The international aspects agency.
7. Exchange controls.
8. Financing international business transactions: documentary credits and other financial mechanisms.
9. Currency problems in international contracts.
10. The international aspects of property transactions.
11. The recognition of foreign expropriations and other governmental acts affecting property (including financial assets).
12. The problem of extraterritoriality with special reference to American antitrust law and EEC competition law.

Pre-Requisites: A good general knowledge of law. Knowledge of conflict of laws (private international law) would be useful but is not essential. This course is not open to non-lawyers.

Teaching Arrangements:

Seminars: (LL228) Sessional

Teachers: Professor Hartley and Professor Morse (King's College). Extensive case materials are pro-

vided by the School for sale to students. These should be read before each seminar. **Students will not be admitted to the course unless they purchase the materials.**

Reading List: (Students are not expected to buy any of these books).

Georges R. Delaume, *Transnational Contracts: Applicable Law and Settlement of Disputes*; Henry J. Steiner & Detlev F. Vagts, *Transnational Legal Problems*; Dicey & Morris, *The Conflict of Laws*; Cheshire and North, *Private International Law*; P. M. North, *Contract Conflicts*; Robert A. Leflar, *American Conflicts Law*; Russell J. Weintraub, *Commentary on the Conflict of Law*; P. E. Nygh, *Conflict of Laws in Australia*; Eugene Scoles & Peter Hay, *Conflict of Laws*; J. G. Castel, *Canadian Conflict of Laws*; Philip Wood, *Law and Practice of International Finance*; F. A. Mann, *The Legal Aspects of Money*; Richard Plender, *The European Contracts Convention*.

LL6036

The European Internal Market

Teacher Responsible: Mr. D. Chalmers, Room A356

Course Intended Primarily for LL.M. students.

Core Syllabus: The course is concerned with the legal aspects of the European internal market.

Course Content:

General: The course will study the development of the European internal market which promised economic freedom (by 1992) to the movement of goods, people, companies, services, and capital throughout the Member States of the EC.

The course will consider both legislative and judicial economic integration. The first occurs where liberalising laws (regulations, directives etc.) are issued by the EC, and is a process which has been slower than was originally envisaged. The second occurs when, in the absence of implementing laws, the Court, seised of a case against a Member State or a request to interpret Community law, finds in the Treaty itself the principles of a common market.

Particular Topics:

1. *The idea of one market*

Original plans for customs union and common market; successes and failures. Reasons for the latter - economic, political and institutional. The stock-taking of the mid-1980s, and future prospects. The Single European Act's commitment to "an area without internal frontiers"; its amendments to the EEC Treaty in substance and procedure.

2. *Common customs tariff*

The purpose of Arts 18-29 EC, as amended, and implementing legislation. The Court's control over uniform application, and its restrictions on national initiatives. Community exclusive jurisdiction in foreign commerce generally.

3. *Goods*

Prohibition against customs duties, their equivalents, and transit charges (Arts 9-16 EC and directives) as interpreted by the ECJ. Discriminatory internal taxation: Arts 95-6 EC and case law. Quotas and equiva-

lents on import or export: Arts 30-36 EC, directives and case law.

4. Intellectual property

Its relation to the free movement of goods: Arts 30, 36, 222 EC and case law.

5. People

Employment and self-employment: the field of activities (including sports and entertainment) covered by the word 'economic': Arts 7, 48-57 EC and implementing measures. The public service exceptions of Arts 48(4) and 55 EC. Considerable weight will be given to the fact that Community law in this general field has developed mainly through case law on equal treatment, access, residence and qualifications.

6. Social Policy

History; legal and political framework.

The Equal Treatment Programme: equal pay, equal treatment, social security.

The Social Charter and resort to 'soft law'.

Worker participation and industrial democracy: worker participation, transfer of undertakings, redundancy, insolvency.

Health and safety in the workplace.

7. Services

The abolition of restrictions on commercial services, especially in insurance, broadcasting, vocational training, and tourism: Arts 59-66 EC, implementing measures and case law. The importance of transport in an internal market: the difficulties and the slow solutions.

8. Companies

The introduction of uniform laws by regulation.

The harmonisation of national laws by way of directive.

The scope of Art 58 EC and the directives so far adopted.

The European Company Statute.

The European Economic Interest Grouping.

Future developments - the amended proposals on company structure.

9. Capital and Banking

The scope of Arts 67-73 EC and The Implementing Directives.

The liberalisation of capital movements after the transitional period.

Permissible protection measures to protect capital markets in Member States.

The European Monetary System - structure, operation and prospects for enlargement.

Progressive liberalisation of banking services and establishment; the obstacles to progress.

Note

The above topics will not all be taught each year.

Pre-Requisites: A good general knowledge of European Community law.

Teaching Arrangements: Lectures and Seminars: (LL249) sessional.

Teachers: Dr. Szyszczak; Mr. Chalmers.

Reading List: Nielsen & Szyszczak, *The Social Dimension of the EC*; Green, Hartley & Usher, *The Legal Foundations of the Single European Market*; Kapteyn & Verloren van Themaat, *Introduction to the Law of the European Communities* (2nd English edn. by Gormley); Weatherill & Beaumont, *EC Law*.

Examination Arrangements: Normal three-hour written examination.

LL6048

United Nations Law

Teacher Responsible: Professor R. Higgins, Room A387

Course Intended Primarily for LL.M. and Diploma in International Law students.

Core Syllabus: The aim of the course is to provide an understanding of the international legal aspects of international institutions. The focus is primarily on the United Nations, which is dealt with in depth.

Course Content: International legal personality: the capacity to sue, treaty-making power, implied powers. The Secretariat: powers of the Secretary General, role of the international civil service, privileges and immunities. Membership, representation and credentials. Participation of non-members. Structure and voting of General Assembly of UN. Structure and voting of Security Council of UN. Functions and powers of major organs. Financial problems of UN. Securing compliance with obligations: suspension, expulsion. UN peacekeeping and dispute settlement. Enforcement through the Security Council. Law making by international institutions. The Economic and Social Council; the Trusteeship Council; the legal concept of self-determination. The International Court of Justice: problems of use and jurisdiction; its role in dispute settlement; its advisory function. The International Labour Organization.

Pre-Requisites: Some knowledge of public international law.

Teaching Arrangements: Teaching is by seminar (LL213), given by Professor Higgins and Mr. D. Bethlehem with 1½ hours per week being offered for eleven weeks in the Michaelmas Term and 9 weeks in the Lent Term and for six weeks in the Summer Term, LL213.

Reading List: Schermers, *International Institutional Law*, 2 vols; Goodrich, Hambro & Simons, *The Charter of the United Nations*; Bowett, *The Law of International Institutions*; Higgins, *The Development of International Law through the Political Organs of the United Nations*; Rosenne, *The Law and Practice of the International Court*.

Required readings of extracts from books, of articles and cases are available in the syllabus issued and are assigned on a weekly basis.

Examination Arrangements: There is a three-hour formal examination in the September following the end of the course, based on the entire syllabus. There are usually nine questions, of which four are to be answered. The paper comprises both essay and problem questions.

LL6049

Constitutional and Institutional Law of the European Union

Teacher Responsible: Professor T. C. Hartley, Room A467

Note: A maximum of 50 students will be permitted to take this course. Preference will be given to LL.M. students.

Course Intended Primarily for LL.M. degree. Diploma in International Law.

LL6052

International Protection of Human Rights

Teacher Responsible: Professor R. Higgins, Room A387

Course Intended Primarily for LL.M. and Diploma in International Law students.

Core Syllabus: Introduction to the rapidly expanding international law of human rights, both at a universal and regional level.

Course Content:

Conceptual Issues: definitions of human rights; distinguishing features from international law generally; the individual and the state; the relevance of different cultures, stages of development, ideologies; human rights as absolute or qualified rights.

The UN System and human rights. Detailed examination of the various UN institutions and techniques for the protection of human rights.

The Inter-American System and the OAU and human rights: the Commission and the Court.

The European Convention on Human Rights: the institutions of the European Convention and procedural requirements. About one third of the course is devoted to a study of specific rights, drawing largely upon the case law of the European Convention but also of the UN Covenant. Among the rights examined through the case law are freedom of expression; access to courts; fair trial; freedom from torture; the right to life; the right to organize and associate; freedom of religion; family life and privacy; and non-discrimination; minority rights; property rights; freedom of movement.

Various non-institutional methods for promoting human rights, including treaty making the question of the incorporation of international rights into domestic law. Non-Governmental organisations.

Pre-Requisites: Some knowledge of public international law.

Teaching Arrangements: This course (LL226) is taught by 1½ hour weekly seminars (11 in Michaelmas, 9 in Lent, 6 in Summer).

Reading List: Course materials are available for purchase.

Examination Arrangements: There is a three-hour formal examination in the September following the end of the course. There are usually 9 questions, of which 4 are to be answered.

LL6054

International Economic Law

Teacher Responsible: Mr. D. Bethlehem, Room A357

Course Intended Primarily for LL.M. students at London University.

Core Syllabus: The aim of the course is to study in detail those aspects of public international law which are concerned with the actors of international economic relations, the principles governing the production and distribution of goods, invisible international transactions, currency and finance, related services and the structure and operations of international organisations concerned with such activities.

Course Content:

I Fundamentals. The province, sources, history and

Core Syllabus: The course is concerned with the law relating to the institutions of the European Community (constitutional and administrative law) and other aspects of European integration and co-operation.

Course Content:

Part 1: The European Communities

1. The Commission, the Council, the Parliament and the Court: structure and functions.

2. Sources of Community Law: constitutive Treaties, subsidiary conventions, acts of the representatives of the Member States; Community acts: legislative powers, delegation of powers, form and procedure; general principles of law (with special reference to human rights); agreements with third countries.

3. Community Law and National Law: direct applicability, direct effect, the supremacy of Community law; problems raised by national constitutional law, especially in the United Kingdom.

4. Preliminary Rulings: references on interpretation and validity by national courts and tribunals to the European Court.

5. Actions against Member States: enforcement of Community law by means of proceedings brought in the European Court by the Commission or another Member State.

6. Judicial Review of Community Action (with special reference to the rights of individuals): actions to annul Community acts; failure to act; indirect challenge; the plea of illegality; grounds of review.

7. Community Liability: contract, quasi-contract and tort, with special reference to liability for legislative and executive acts and the problem of concurrent remedies in the European Court and in national courts.

Part 2: Other European Institutions

The institutional aspects of the European Economic Area; the European Convention on Human Rights in relation to European Institutional Law; the Council of Europe and other institutions of the wider Europe.

Pre-Requisites: No previous knowledge of the European Community is expected but general legal skills and some knowledge of constitutional and administrative law (in any system) are required. Students without a law degree will not be permitted.

Teaching Arrangements: Seminars (LL214) once a week by Professor Hartley. Case materials are provided by the School for sale to students. Students will not be admitted to the course unless they purchase the materials.

Reading List: T. C. Hartley, *The Foundations of European Community Law*; Henry G. Schermers, *Judicial Protection in the European Communities*; N. Brown & F. Jacobs, *The Court of Justice of the European Communities*; D. Lasok & J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; Lawrence Collins, *European Community Law in the U.K.*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*. Students should buy Rudden & Wyatt and either Hartley or Schermers.

Examination Arrangements: Normal three-hour written examination paper. Unmarked copies of Rudden & Wyatt, *Basic Community Laws*, Sweet & Maxwell's *European Community Treaties* or Blackstone's, *EEC Legislation*, (Foster) may be taken into the examination.

economic foundations of international economic law. International trade theory and policy.

II. *The principles of international economic law.*

Economic sovereignty and the co-existence of sovereign and heterogeneous economies. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty. The problem of international economic public policy.

III. *The Persons of international economic law.* Natural, legal persons, subjects of International Law, International Organisations, Transnational enterprises, state trading Countries.

IV. *The standards of international economic law.* Function and types, including the minimum standard of international law, the most-favoured-nation standard, the standard of preferential treatment, the standard of reciprocal treatment, the standard of the open door and the standard of national treatment.

V. *International economic transactions.* General principles. Treaties of friendship, commerce and navigation. Other economic agreements, including commodity trade agreements, development aid agreements for technological co-operation.

VI. *International Trade Law and economic integration;* International Trade policy and law; the GATT, UNCTAD, UNIDO and UNCITRAL; Customs Unions, free trade areas, preferential agreements, regional and sub-regional integration agreements e.g. EEC, EFTA, LAFTA.

VII. *International Monetary Law.* History and structural elements of the International Monetary order; principles of private and public international law; the IMF credit facilities, stand-by arrangements, SDRs; IBRD, IDA, IFC; the European Monetary System.

VIII. *International Development Law.* The NIEO; the debt problem.

IX. *Economic Coercion.*

X. *Economic reprisals.* Embargoes. Economic warfare, the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions. COCOM.

Teaching Arrangements: There is a seminar (LL218) of 1½ hours duration each week. Seminar: Sessional.

Reading List: Recommended: J. Jackson, *The World Trading Systems* (1989); J. H. Jackson & W. J. Davey, *Legal Problems of International Economic Relations: Cases, Materials and Text* (2nd edn. 1986); E. Petersmann, *Constitutional Functions and Constitutional Problems of International Economic Law* (1991); J. Gold, *Legal and Institutional Aspects of the International Monetary System*; A. Koul, *The Legal Framework of UNCTAD in World Trade*; O. de Rivero, *New Economic Order and International Development Law*; B. Tew, *The Evolution of the International Monetary System*; A. Yusuf, *Legal Aspects of Trade Preferences for Developing States*.

A supplementary reading list is also available.

Examination Arrangements: There is a three-hour formal examination in September, based on the full syllabus. At the moment the paper contains 10 questions, of which 4 are to be answered. The paper counts for 100% of the assessment of the course.

LL6057

The International Law of Natural Resources

Teacher Responsible: Professor R. Higgins, Room A387

Course Intended Primarily for LL.M.

Core Syllabus: This course is concerned with international and transnational law relating to the protection, exploitation and allocation of natural resources. It addresses the problems of all those concerned with natural resources, whether developed or developing countries, whether capital exporting or capital importing, whether resources-rich or lacking in natural resources.

Course Content: The relevant law and its development: international contracts, *pacta sunt servanda*, vested rights, *restitutio in integrum*, nationalization, compensation. Pressures for change: permanent sovereignty over natural resources, the new international economic order. Insurance for non-commercial risk. New methods of investment settlement dispute. Coercion and access to natural resources.

Studies of particular resources: petroleum - the UK North Sea experience, licences, controls, regulations, state oil companies, privatization. Water - pollution, shared access; minerals; and others.

Pre-Requisites: A solid grounding in public international law.

Teaching Arrangements: Teaching is by seminar (LL217), with 1½ hours per week being offered for 11 weeks in the Michaelmas Term, 9 weeks in the Lent Term; and for 6 weeks in the Summer Term.

Reading List: Course materials are available for purchase.

Examination Arrangements: There is a three-hour formal examination in the September following the end of the course, based on the entire syllabus. There are usually 9 questions of which 4 are to be answered. The paper comprises both essay and problem questions.

LL6060

International Law of the Sea

Teacher Responsible: Dr. G. Plant, Room A341

Course Intended Primarily for LL.M. degree also for: M.Sc. Sea-Use Law, Economics and Policy-Making; Diploma in International Law.

Core Syllabus: Resources and Uses of the Sea, and applicable international principles, customs and treaties.

Course Content:

1. Sources of the Law.
2. Historical Development of Principal Concepts.
3. The regime based on the 1958 Geneva Conventions on the Law of the Sea.
 - (i) The Territorial Sea and Contiguous Zone.
 - (ii) Continental Shelf.
 - (iii) Fisheries.
 - (iv) High seas.
4. Issues covered by the 1982 Law of the Sea Convention.
 - (i) as (i)-(iv) above.
 - (ii) International Straits and Archipelagoes.

(iii) Deep Seabed and Ocean Floor beyond National Jurisdiction.

(iv) Landlocked and Geographically Disadvantaged States.

(v) Preservation of the Marine Environment.

(vi) Marine Scientific Research.

(vii) Settlement of Disputes.

5. Current status of the 1982 Convention; its relation to customary law.

Pre-Requisites: Some knowledge of basic concepts of International Law.

Teaching Arrangements: One seminar (LL216) of 1½ hours each week.

Written Work: Students, individually or in groups, may be asked to present one paper in a seminar during the session. They should have prepared the required reading for each seminar to be able to benefit from discussions.

Reading List: Brownlie, *Principles of Public International Law* (4th edn. chs. 9-11) and *Basic Documents in International Law* (3rd edn.); Barston & Birnie, *The Maritime Dimension* (1980); E. D. Brown, *The Legal Regime of Hydrospace*; Churchill & Lowe, *The Law of the Sea* (2nd edn. 1988); McDougal & Burke, *The Public Order of the Oceans*; Churchill et al. (Eds.), *New Directions in the Law of the Sea*, Vols. I-XI; D. P. O'Connell, *The International Law of the Sea* (Ed. I. A. Shearer) Vol. I (1982), Vol. II (1984); Third U.N. Conference on the Law of the Sea, Official Records, Vols. et. seq.; Law of the Sea Convention (1982).

Periodicals include: *The American Journal of International Law*; *The British Yearbook of International Law*; *The International and Comparative Law Quarterly*; *Ocean Development and International Law*; *Marine Policy*; *San Diego Law Review* (LOS issues).

A comprehensive reading list and book of materials to be issued to participants.

Examination Arrangements: 3 hour written examination in September; 9 questions, 3 to be answered.

LL6061

Multinational (Transnational) Enterprises and the Law

Teacher Responsible: Mr. P. T. Muchlinski, Room L107

Course Intended Primarily for LL.M. students.

Core Syllabus: An interdisciplinary analysis of the legal issues relating to the activities of multinational (MNE's) enterprises both in national and international law.

Course Content:

1. *Introduction:* MNE's and ideas of business and industrial organisation; the historical growth of the modern MNE; economic analysis of the evolution of the MNE.
2. *Structure and Organisation of MNE's:* The forms of international corporate organisation; the legal organisation of MNEs and the doctrine of incorporation; other types of international economic entities.
3. *The Problems created by MNE's:* The political and economic impact of MNE's on home and host states and upon international relations; the regulation

of MNE's; liberalisation of investment conditions policies and problems involved.

4. *The Role of Law in the Regulation of MNEs:* The relationship between different jurisdictions and the MNE, the MNE as an object of international regulation.

5. *Regulation by the Home Country* (with emphasis on UK and US law): The control of overseas subsidiaries; the remission of overseas profits and their taxation.

6. *Regulation by the Host Country:* Restrictions on entry and establishment, investment incentives and export processing zones, control of capital flows and transfer pricing, control through company, law corporate disclosure, control through anti-trust law, labour relations, expropriation, technology transfer.

7. *International Regulation:* The work of the UN, UNCTAD, ILO, OECD codes of conduct on MNE's, The World Bank Convention for the Settlement of Investment Disputes. The Multilateral Investment Guarantee Agency. Bilateral Investment Treaties. The Uruguay Round, GATT and investment issues.

Pre-Requisites: Some knowledge of at least one of the following subjects is preferred: Public International Law; Private International Law; Company/Commercial Law.

Teaching Arrangements: A one-and-a-half hour weekly seminar (LL233), (11 Michaelmas, 9 Lent and 6 Summer Term respectively).

Reading List: Recommended Texts: Wallace, *The Legal Control of Multinational Enterprise*; Dunning, *Multinational Enterprises and the Global Economy* (1992).

Further Reading: Hadden, *The Control of Corporate Groups* (1983); Robock & Simmonds, *International Business and Multinational Enterprises* (1989); L. Sklair, *Sociology of the Global System* (1991).

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

Examination Arrangements: There will be a formal three-hour paper in September after the end of the course.

LL6062

Legal Aspects of International Finance

Teacher Responsible: Professor Ross Cranston

Course Intended Primarily for LL.M.

Core Syllabus: The course examines the legal issues which arise as a result of the international operations of large commercial banks, merchant banks and investment banks.

Course Content:

1. Euro-Currency Term Loans
2. Syndicated Loans
3. Project Finance
4. Euro-Bonds
5. Guarantees
6. Exchange Control, Moratorium and Insulation of Financing
7. Remedies and Enforcement of Remedies in International Finance
8. Special Topics.

Pre-Requisites: None.

Teaching Arrangements: There is a weekly seminar of two hours' duration.

Reading List: Phillip Wood, *The Law and Practice of International Finance*; Rendell, *International Finance Law: Lending, Transfers and Institutions*; Tennekoon, *The Law and Practice of International Finance*.

A full reading list will be distributed during the course.

Examination Arrangements: This subject is examined by means of one three-hour written paper.

LL6063

International Environmental Law

Teacher Responsible: Dr. G. Plant, Room A341

Course Intended Primarily for LL.M. students.

Core Syllabus: The course aims at providing a good introduction to the customs, treaties and concepts of international law relating to control or prevention of pollution and for protection and conservation of living resources.

Course Content:*Introduction:*

Definition of International Environmental law; factors influencing development; applicable principles of international law preceding 1972 UN Conference on the Human Environment (UNCHE); the UNCHE and UNEP (UN Environment Programme); developments under UNEP.

Prevention of Pollution:

All sources; general principles; creation of standards; regulatory powers; organisational framework; principles of responsibility and liability for pollution damage; regional and international approaches; influence of developing states; relevant regional and international treaties and customary laws.

Conservation of Living Resources:

Emerging principles of international wildlife law concerning land-based and maritime species needing protection for survival; regulatory techniques and powers; state responsibilities; regional and international approaches; organisational framework; dispute settlement; new enforcement techniques, such as control of trade in endangered species; protection of habitats; relevant international and regional conventions and customs.

Pre-Requisites: Some knowledge of concepts of international law.

Teaching Arrangements: Teaching is by weekly 2 hour seminars (LL239) held at the IALS for 11 weeks in the Michaelmas Term, 9 weeks in the Lent Term and 6 weeks in the Summer Term. Seminars are given by Dr. G. Plant (LSE) and Mr. A. Boyle (QMW).

Reading List: J. Schneider, *World Public Order of the Environment: Towards an Ecological Law and Organizations*; S. Lyster, *International Wildlife Law*; B. Ruster, R. Simma & M. Boch, *International Protection of the Environment: Treaties and Related Documents*; D. Johnston (Ed.), *The Environmental Law of the Sea*; R. McGonigle & M. Zacher, *Pollution Politics and International Law*; A. Springer, *The International Law of Pollution: Protecting the Global Environment in a World of*

Sovereign States; L. Caldwell, *International Environmental Policy*; Birnie & Boyle, *International Law and the Environment* (1993).

Periodicals include: *Environmental Policy and Law*; *Ocean Development and International Law Journal*; *Ecology Law Quarterly*; *Marine Policy*; relevant articles in international law journals.

Further Reading: Books, periodical articles, conference proceedings and other publications are included in the comprehensive syllabus issued to participants.

Examination Arrangements: There is a three-hour written examination paper in September, consisting of 9 questions, four of which must be answered.

LL6064

Urban and Environmental Law in Developing Countries

(Not available 1994-95)

Teacher Responsible: To be announced

Course Intended Primarily for LL.M. students.

Core Syllabus: An introduction to the phenomenon of urbanisation in developing and newly industrialising countries, the uses and limits of law and public administration in the regulation and management of land, the environment and its use in the process of urban development. The course will focus principally but not exclusively on developing countries within the Commonwealth.

Course Content: The phenomenon of urbanisation; third world cities and their contexts; indigenous and colonial legacies; a diagnosis of the urban policy problem. The role of law in development and social change. The government of cities; local government central governments; the regional dimension; management and participation in urban development; alternatives to local government. Land policy and the law; land tenure in the city; conflicts between statutory and customary law; land registration; land transactions and their control; land use planning and the regulation of land development; compulsory acquisition and compensation; the institutions of planning. Urban services; paying for urban services, taxes and charges; housing, provision and financing; unauthorised urban settlements; building control; the regulation and management of water and sewerage; environmental protection and pollution control.

Pre-Requisites: No previous knowledge of urbanisation or developing countries is required but some knowledge of planning law and/or administrative law is desirable.

Teaching Arrangements: There is a seminar of two hours duration each week (LL202) accompanied by classes (LL202a) as required.

Reading List: There is no set book that covers the course. Students will receive some handouts of materials and a detailed reading list for each topic.

S. Angel *et. al.*, *Land for Housing the Poor*; R. W. Bahl, *The Taxation of Urban Property in Less Developed Countries*; H. U. Bijlani & M. K. Balachandran, *Law and Urban Land*; R. Bristow, *Land Use Planning in Hong Kong*; K. J. Davey, *Financing Regional Government*; W. A. Doebele (Ed.), *Land Readjustment: A different approach to financing urbanisation*; H. B. Dunkerley, *Urban*

Land Policies: Issues and Opportunities; A. Gilbert & J. Gugler, *Cities, Poverty and Development*; Habitat, *Global Report on Human Settlements* (1986); G. W. Kanyehamba & J. P. W. B. McAuslan, *Urban Legal Problems in Eastern Africa*. In addition, students will be referred to articles in appropriate journals.

Examination Arrangements: One two hour paper covering the course counting for 60% of the marks in which three out of not less than eight questions must be answered and one essay of between 6000-8000 words counting for 40% of the marks. The essay topic must be approved by Professor McAuslan and must be derived from the syllabus for the course.

LL6075

Industrial and Intellectual Property

Teachers Responsible: Mr. D. Llewelyn, Professor G. Dworkin and Mr. L. Bentley (KCL)

Course Intended Primarily for LL.M.

Core Syllabus: The course provides a review of the major topics in this rapidly developing field: patents, copyright, confidential information, industrial designs, trade marks and names.

Course Content:

Patents: History and economic purpose. British and European patent systems: infringements; validity; ownership; assignments and licences; compulsory licensing and Crown Use; international arrangements.

Confidential Information: Scope of present law; relation to patents and copyright.

Copyright: History and objectives; types of copyright; infringement; ownership and transactions; copyright in special circumstances.

Industrial Designs: Artistic copyright; registered designs.

Trade Marks and Names: Protection at common law; passing off, injurious falsehood. Trade marks registration: relation to common law protection: entitlement to register and objections to registered marks: dealings in marks infringement. Relation to consumer protection law.

EEC Law: the impact of free movement and competition rules of the Common Market on intellectual property rights; integration and harmonisation of intellectual property.

Pre-Requisites: No previous knowledge of the subject is required, nor is a scientific background needed for the treatment of patent law.

Teaching Arrangements: The main teaching is by lectures (LL220) given throughout the three terms. From the second half of the first term onwards there are supplementary meetings. It is not essential to attend these latter. They are designed partly to broaden appreciation of particular aspects by bringing in guest speakers and partly to revise material dealt with earlier in the course.

Reading List: The main textbook is W. R. Cornish, *Intellectual Property; Patents, Copyright Trade Marks and Allied Rights* (2nd. edn., Sweet & Maxwell, 1989). Materials may be found in W. R. Cornish, *Materials on Intellectual Property* (1990). Other reading is recommended in a guide issued at

the beginning of the course and in further detailed lists of cases and materials.

Examination Arrangements: One three-hour formal examination, in which four questions must be answered.

LL6076

Company Law

Teachers Responsible: Mr. B. Pettet (UCL) and Dr. K. Skoyles (LSE)

Course Intended Primarily for LL.M. students.

Core Syllabus: The object of the course is to examine the operation of British Company law (winding up and insolvency only in outline) in greater depth than can be attained in a first-degree course.

Course Content: Corporate personality and types of company. The historical development of companies. The legal capacity and constitution of companies. The concept of capital. Directors as organs and as agents. Formation and flotation of companies. Shares and debentures. The general meeting; majority and minority shareholders. Duties of directors and those in control. Enforcement of duties in company law. Reconstructions and amalgamations. Liquidation (in outline).

Pre-Requisites: A knowledge of legal techniques, preferably in a common law system. But most LL.M. students who have a knowledge of any system of commercial or company law should be able to study this course.

Teaching Arrangements: One inter-collegiate seminar (LL203) is held weekly of 1½ hours (normally Thursday 5.30 p.m.) 11 in Michaelmas, 9 in Lent; 6 in Summer. Discussions in smaller classes are arranged *ad hoc* for LSE students which are sometimes attended by other graduate students studying company law at higher level (e.g. M.Phil. or Ph.D.)

Reading List: L. C. B. Gower, *Modern Company Law* (and 1988 Supplement new edition forthcoming); and J. H. Farrar, *Company Law* (1988) or A. Boyle & J. Birds, *Company Law* (1987) or R. Pennington, *Company Law* (1990) plus any company law statutes later in date. (Considerable further reading will be recommended in seminars.) Useful works are Butterworth's *Company Law Handbook*, *CCH British Company Legislation* (Vols. 1 and 2); also L. Sealy, *Cases and Materials on Company Law* and H. Rajak, *A Sourcebook of Company Law* (1989). Students who have no previous knowledge of English Company Law are recommended to read Northey & Leigh, *Introduction to Company Law* (1987) or Abbott, *Company Law* (1990) or Mayson & French, *Company Law* (1990).

Examination Arrangements: There is a three-hour written paper, taken in the period August-September. Normally it is in two parts, and students are asked to answer questions in both parts. Answers are required to a certain number of questions; and failure to answer that number of questions may lead to failure in the subject even if the answers offered are above the pass level. Students are allowed to take into the examination an *unmarked* copy of specified statutory materials.

Law of Restitution**(Not available 1993-94)****Course Intended Primarily for LL.M.****Core Syllabus:** The course considers in detail the various elements that could properly constitute a law of restitution and the general case for such a classification of rights.**Course Content:** The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.**Pre-Requisites:** The course assumes a knowledge of the common law of contract, tort and trusts. Students with only a civil law background have in the past taken the course successfully but only after very intensive study.**Teaching Arrangements:** The course has a weekly meeting (LL206) for two hours once a week during each of the three terms. Students are expected to have read and analysed set cases and other materials before each meeting. Discussion of these materials forms the major part of each meeting.**Reading List:** The main textbooks are Lord Goff of Chievely & G. H. Jones, *Law and Restitution* (3rd edn., Sweet & Maxwell, 1986) and P. B. H. Birks, *Introduction to Restitution* (1985). Further material will be found in the Course guide issued at the beginning of the course.**Examination Arrangements:** A three-hour formal examination in which both essay and problem questions will be set. Four questions must be answered.**LL6085**

uating tax systems.

2. Introduction to basic concepts used in the economic analysis of taxation. (e.g., neutrality, vertical and horizontal equity, progressivity, etc.).

3. Economic analysis of types of taxation - direct/indirect, capital/income/expenditure.

4. Theoretical introduction to income tax and corporation tax and the problem of integration, distinctions between income and capital. Theory of capital taxation, and non-technical introduction to inheritance tax and capital gains tax. Introduction to structure of value added tax.

5. Historical background.

6. Sources of tax law.

7. Interpretation of taxing statutes and introduction to tax avoidance debate.

B. Administration and Enforcement

1. Structure of the Inland Revenue and Customs and Excise.

2. The Court System in relating to tax cases, including Law and Fact.

3. Assessment.

4. Enforcement and Collection (including the Black Economy).

5. Inland Revenue discretion - practice statements and extra-statutory concessions - judicial review and the Inland Revenue.

C. Income Taxation1. *The Schedular System*.2. *Personal* allowances, rates of tax, computing personal liability to taxation.3. *Schedule D*, Cases I and II and Class 4 social security contributions.4. *Schedule E* and Class 1 social security contributions (omitting profit-sharing schemes and profit-related pay). Including foreign element.5. *Losses* (in outline).6. *Capital Expenditure* (in outline).**D. Capital Taxes**

Capital gains tax in detail - basic structure - assets; exemptions and reliefs, disposal; computation.

E. Foreign Element

Domicile and Residence of individuals. Relevance to UK taxation.

F. Detailed Discussion of control of tax avoidance Legislative and judicial treatments.

Proposals for Reform

Pre-Requisites: The course is suitable both for those who have not studied taxation before and for those who have studied the subject in a non-theoretical context. Students intending to take other LL.M. course in U.K. taxation will be expected to take this course in addition if their knowledge of U.K. taxation is insufficient.**Teaching Arrangements:**

Seminars (LL204) 26 sessional (weekly)

Classes - to be determined.

Reading List: Whitehouse & Stuart-Buttle, *Revenue Law Principles and Practice*, Butterworths; *Butterworths U.K. Tax Guide Policy Supplement*, current edition; A. Easson, *Cases and Materials on Revenue Law*; Kay & King, *The British Tax System*. Current editions should be used. Detailed reading lists will be provided during the course.**Examination Arrangements:** The examination will be by 3-hour written paper.Relevant legislation may be taken into the examination room. (*Butterworths Yellow Tax Handbook* and**Taxation Principles and Policies****Teachers Responsible:** Mrs. J. Freedman, Room A540 and others**Course Intended Primarily for LL.M. degree.**This course is designed to provide a theoretical survey and analysis both of general problems of taxation as well as of the United Kingdom tax system, in a way that will be suitable for the tax specialist as well as non-specialist. It is composed of two elements: first, an overview of policy objectives and issues and of the legal problems inherent in using taxation to realise those objectives; second, an analysis of aspects of the law of current U.K. taxation and tax administration. Although UK based, this course provides a useful overview of the system for non UK students interested in comparative taxation. It is a pre-requisite for those wishing to take **Taxation of Business Enterprises** and/or **International Tax Law** and who have not studied taxation previously.**Course Content:****A. Policy Issues**

1. Objectives of taxation and various criteria for eval-

LL6103*Butterworths Orange Handbook* or *CCH British Tax Legislation* may be used if unannotated.)**LL6104****Taxation of Business Enterprises****Teachers Responsible:** Mrs. J. Freedman, Room A540 and others**Course Intended Primarily for LL.M. degree.**

The course examines the principles governing United Kingdom taxation of business enterprises. It deals with companies, partnerships, individuals, and combinations of these persons.

The course deals primarily with income tax, capital gains tax, corporation tax and value added tax. The foreign element is covered and tax planning is considered. Although essentially a UK tax course, this course provides a useful grounding in the tax system for students interested in detailed comparative taxation and combines well with the International Tax Law Course.

Course Content:

General structure of business taxation: income tax, capital gains tax, corporation tax, value added tax, stamp duties and stamp duty reserve tax, inheritance tax (in outline).

Schedule D Cases I and II (and aspects of cases III and VI), focusing on problems of taxation of trading and professional incomes and of intellectual property. Relationship between income tax and corporation tax. Alternative business structures and taxation: partnerships; corporations and corporate partnerships. Alternative methods of corporate taxation.

Corporation tax on income: Imputation system: ACT and Schedule F. Distributions. Computation of income for tax purposes. Charges on income; management expenses; losses; groups and consortia, close companies; reconstructions, mergers and demergers. Value added tax (excluding foreign element).

Anti-avoidance. *Furniss v Dawson* doctrine. Specific anti-avoidance legislation, especially cancellation of tax advantages, migrations, and transactions between associated persons.

Foreign elements. Residence. Location of trading. Controlled foreign companies. Treatment of U.K. branches and agencies and foreign trading income of U.K. entities.

Capital taxation relating to businesses. CGT on the business: special provisions. The business owner and CGT. Aspects of inheritance tax.

Proposals for reform.

Pre-Requisites: Students will be expected to have working knowledge of the U.K. tax system, or to be studying the Taxation Principles and Policy option.**Reading List:****Textbooks:****Butterworths U.K. Tax Guide* (latest edition); **Butterworths U.K. Tax Guide Policy Supplement* (latest edition); Whitehouse & Stuart-Buttle, *Revenue Law, Principles and Practice* (latest edition).

Detailed reading lists will be provided during the course.

Teaching Arrangements: 26 one and a half hour seminars (LL205). Sessional (weekly).

Additional classes - to be determined.

Examination Arrangements: The examination will be by 3-hour written paper.Candidates will be permitted to take into the examination room unannotated copies of the *Butterworth Yellow Tax Handbook* and *Butterworths Orange Handbook*, or *CCH British Tax Legislation* Vols. 1a, 1b, and 2, or any Act contained therein and any Finance Act.**LL6105****Tax, Social Security and the Family****Teacher Responsible:** To be announced**Course Intended Primarily for LL.M.****Core Syllabus:** The course aims to provide an integrated study of family finance from the perspectives of both tax law and social security law.**Course Content:**1. *Introduction*

Purposes of the tax law and social security systems and how they interact.

2. *Introduction to the Income Tax System* (in outline only)

The schedular system; rates of tax; personal allowances; method of assessment; deduction at source. Introduction to capital taxation.

3. *The Unit of assessment*

(a) Husband and wife: taxation of spouses (including capital taxation); aggregation for social security; arguments for and against aggregate systems of taxation and social security disaggregation.

(b) Cohabitees: the cohabitation rule for social security; taxation of cohabitees.

(c) Dependents: increases in social security benefits; taxation reliefs including arguments for and against the deductibility of child care expenses.

4. *Social Security and the Family*

(a) Contribution rules (in outline), credits and home responsibilities provisions.

(b) State provision for the family; family credit, child benefit, one-parent benefit, maternity benefits, guardian's allowance.

(c) The impact of other welfare benefits upon the family: income support and the social fund, housing benefit.

5. *Income Replacement and the Family*

(a) The impact of "income replacement" benefits on the family: maternity benefits, unemployment benefits for sickness and disability, retirement pensions, widows pensions.

(b) Taxation of benefits and state pensions.

6. *Marriage Breakdown*

(a) Support Rights: Between spouses and for children. The impact of the Child Support Act 1991.

(b) The effect of separation/divorce on benefit entitlement. The effect of benefit entitlement on support rights.

(c) Taxation effects: tax planning in relation to settlement and Court orders; impact of the reforms in the Finance Act 1988

(d) Interaction between taxation and social security on marriage breakdown and proposals for reform.

7. *Impact of EEC Law*

The application of EEC equal treatment principles to English social security and tax law.

8. *Integration of Tax and Social Security*

- (a) The Poverty and Unemployment Traps.
 (b) Analysis of suggested models of integration (tax credit and negative income schemes).

Pre-Requisites: No previous knowledge of tax, social security or family law is required.

Teaching Arrangements: Teaching is by seminar (LL207) held weekly.

Reading List: Students are advised not to buy any particular textbook before attending the first seminar. The following are some of the books and other materials to which students are likely to be referred during the course.

Butterworths Yellow Tax Handbook; or *CCH British Tax Legislation*; *Butterworths U.K. Tax Guide* (latest edition); O. Wylie, *Taxation of Husband and Wife*, 1990; *Butterworths U.K. Tax Guide Policy Supplement* (latest edition); F. R. Davies, *Introduction to Revenue Law*, 1985; S. Mayson, *A Practical Approach to Revenue Law*, 1987; Meade Committee, *The Structure and Reform of Direct Taxation*, 1978; Moores and Rowland, *Tax Guide* (latest edition). CPAG Social Security Handbooks, *Family Law, Child Maintenance under the Child Support Act 1991*, 1993 (latest edition).

Students will also be referred to reported decisions of the Social Security Commissioners and articles in the *Journal of Social Welfare Law*, *Legal Action*, *British Tax Review*, *Fiscal Studies*.

Examination Arrangements: The course is assessed entirely by way of a formal three-hour examination held in September. The examination is based on the above syllabus as covered by the course of seminars.

LL6106

International Tax Law

Teachers Responsible: Professor D. Williams (QMW) with LSE contribution from Professor John Avery Jones

Course Intended Primarily for LL.M. degree.

The course is designed to examine taxation law and policy from a comparative and international viewpoint. It is intended to complement the other taxation options in the LL.M. by providing an international, non-U.K. approach to taxation.

Course Content: The course is in two parts, though greater weight is given to the second. The first part looks at comparative tax policy and highlights those differences between various tax systems which give rise to problems in the international sphere. The second part looks at international fiscal law and policy and examines the solutions adopted by states, both unilaterally in their domestic law and by agreement with other countries, to tackle these problems.

Particular emphasis is given to double taxation agreements and to the special problem of the taxation of corporations operating internationally.

Throughout the course examples will be drawn from various tax systems of different countries. Some of these examples will be drawn from the law of the U.K., but the course is not and is not intended to be a course in U.K., tax law.

Part 1: Comparative Tax Policy:**A. Fiscal Systems:**

1. Types of taxes and tax systems.
2. The theory of tax structure, change during development.
3. Taxation in developing economies: tax incentives to encourage development.
4. Taxation in the developed economies.
5. Taxation in planned economies: socialist approaches to taxation.
6. Other fiscal systems: taxation and customary law; taxation and religious law; Islamic taxation.
7. Tax havens as fiscal systems: the uses of tax havens.

B. Tax Administration

1. Methods of assessment and collection of taxes.
2. Revenue Authorities: administrative control of revenue authorities.
3. Tax appeals and judicial control of revenue authorities.
4. Approaches to tax avoidance: measures to counter tax avoidance (in outline).

Part 2: International Fiscal Law and Policy

1. Taxation and public international law:
 - (a) Jurisdiction to tax: conflicts of tax jurisdiction.
 - (b) Rules of public international law governing the assessment and collection of tax.
 - (c) Introduction to international fiscal policy: outline history.
 - (d) International settlement of fiscal disputes.
2. International fiscal policy and income/profits taxation:
 - (a) Causes of international double taxation of income/profits.
 - (b) Methods of unilateral relief from international double taxation.
 - (c) Bilateral relief from international double taxation: double taxation agreements and their operations: analysis of the major model double taxation agreements (OECD Model, U.N. Model, U.S. Model); the double taxation agreements.
 - (d) Special issues in the international taxation of corporations: multinationals and the taxation of intra-group transfers: international mergers and taxation: the taxation of international financial transactions.
3. International fiscal policy and inheritance/gift taxation:
 - (a) Causes of international double taxation of gifts and inheritance.
 - (b) Unilateral relief from international double taxation.
 - (c) Double taxation agreements, analysis of the OECD Model agreement.
4. International fiscal policy and indirect taxation:
 - (a) Causes of international double taxation of indirect taxes; origin and destination; bases of taxation.
 - (b) Unilateral relief from double taxation.
 - (c) Bilateral relief.
 - (d) GATT and its relevance to taxation.
5. Proposals for harmonisation of tax laws:
 - (a) EEC proposals and achievements.
 - (b) Other proposals: regional developments in tax harmonisation.
6. International Co-operation between tax administrations:
 - (a) International co-operation by bilateral agreement: analysis of model agreements on administrative co-operation.
 - (b) Multilateral co-operation between tax administrations: regional developments on co-operation.

7. Policy issues in international tax avoidance and evasion:

- (a) Analysis of the problem: the problem of definition.
- (b) An outline of domestic approaches to international tax avoidance.
- (c) Bilateral and multilateral approaches to international tax avoidance.

Pre-Requisites: Students will be assumed to have a working knowledge of the tax system of at least one country (not necessarily the UK) or be studying the Tax Principles and Policies Course. This course also combines well with the **Taxation of Business Enterprises Course**.

Reading List:**General reading:**

Publications of: the Fiscal Committee of the OECD; the U.N. Group of Experts on Double Tax Treaties; the Bureau of International Fiscal Documentation; the International Fiscal Association; the Commission of Taxation of the International Chamber of Commerce; the Board of Inland Revenue.

General journals:

The Bulletin of the Bureau of International Fiscal Documentation; *Cahiers de Droit Fiscal International*; *European Taxation*; *BIFD*; *Tax News Service*; *British Tax Review*; *Intertax*.

Detailed reading lists will be provided during the course.

Teaching Arrangements: 26 1½-hour seminars (LL229) sessional (weekly).

Examination Arrangements: The examination will be by three-hour written paper.

Candidates will be permitted to take into the examination room unannotated copies of a *Butterworths Yellow Tax Handbook and Butterworths Orange Handbook*, or *CCH British Tax legislation vols. 1a, 1b and 2*, or any Act contained therein and any *Finance Act*.

LL6110

Individual Employment Law

Teacher Responsible: Mr. R. C. Simpson, Room A326

Course Intended Primarily for LL.M. degree.

Core Syllabus: The main aim of the course is to provide a detailed analysis of the law as it affects the relationship between each individual worker and his or her employer in Britain. Because of its common law base, this has relevance for other common law systems. European Community law which relates to employment rights and other international influences on British law are part of the course as are social security rights insofar as they are related to employment.

Course Content: Form of the employment relationship: form and size of the labour market; regulation of working time.

Content of the employment relationship: employee status, self-employment; express and implied terms; common law rights of employer and employee, discipline, duty of confidentiality, protection of intellectual property rights; limitations of the contract model, employment relationships, atypical work; inter-relationship of contractual rights with statutory rights, collective bargaining and social security; the idea of pay - equal pay, fringe benefits, performance-related pay, profit-related pay, occupational and social security schemes of sick pay and maternity pay, security of earnings; minimum wages, salary structures, social security and basic income maintenance, occupational pensions.

Right to fair treatment at work: discrimination; health and safety; protective legislation; trade union membership/non-membership.

Job protection: wrongful dismissal; unfair dismissal, grievance and disciplinary procedures; redundancy, lay off and short-time working; reorganisation of work. Regulation and deregulation of the labour market.

Theoretical perspectives on labour law.

Pre-Requisites: Knowledge of at least one system of labour law or industrial relations is an advantage but it is NOT essential.

Teaching Arrangements: A weekly seminar (LL225) is held throughout the year. LL225 - 26 Sessional. The seminars will cover each topic of the syllabus above in detail. Detailed reading for the seminars is handed out in advance. The seminars are usually conducted on the basis of general discussion. Students are advised to write an essay during both the Christmas and the Easter vacations.

Written Work: See above.

Reading List: Students should purchase a textbook as advised at the first seminar each year.

Students should also purchase the latest edition of *Butterworths, Employment Law Handbook*. Subject to confirmation by the examiners, candidates are allowed to take an unannotated copy of one of them into the examination.

Examination Arrangements: There is a three-hour formal examination in September based on the syllabus above. The paper normally contains 8 or 9 questions of which four are to be attempted.

LL6111

Law of Management and Labour Relations

Teacher Responsible: Professor Lord Wedderburn

Course Intended Primarily for LL.M., Law Dept., and for M.Sc. students in Industrial Relations with adequate background knowledge. LL.M. students should consider the advantages in studying this course together with LL225 **Individual Employment Law**. There is a separate course for M.Sc. students with less legal background, LL6112 **Labour Law**.

Core Syllabus: This course examines British legal problems arising from collective relationships at the place of work, and the context of industrial relations in which such problems arise. The aim is to study both the legal and the industrial perspectives of such problems in depth.

Course Content: (in outline) Management and recognition of, and consultation with unions; disclosure of information. Freedom of Association and rights to organise (national, European and international sources). Workers' rights and trade unions.

Employers' associations. The role of the state agencies. Collective bargaining and the law: Legal enforceability; "extension" procedures and collective agreements. Structure of corporate enterprise. Management and boards of directors; control and duties. Corporate governance and interest groups. "Industrial Democracy" and employee involvement (in the European context). Industrial discipline and industrial conflict: strikes, lockouts, etc. The closed shop and dismissal. Job-control; discrimination; industrial action and discipline of workers. The place of statutory and other legal regulation in industrial relations. The historical development of labour law in Britain and elsewhere in Europe. Law and the labour market: training, incomes policy and job subsidies. Labour law in the European Community (in outline).

Pre-Requisites: This is the LL.M. course on "Collective" Labour Law. It is well suited to students who have already studied British Labour Law or British industrial relations. Other graduate law students who have some knowledge of similar systems of law or labour relations may, however, find the course attractive; but they will need to catch up on background reading before the second Term. Students who have no knowledge of either English law or British industrial relations or of a comparable labour law system will find this course demanding. Students who have little up-to-date knowledge of British labour law will find it useful to attend lectures in *Labour Law*, Course LL115.

Teaching Arrangements: There is normally one 1½ hour seminar (LL224) each week which must be attended regularly. In some years visiting speakers address the seminar. Students should be prepared to discuss the class papers distributed before each seminar. From time to time they will be asked to make a written presentation.

Reading List: Students should buy and read Smith & Wood, *Industrial Law* (5th edn. 1993) or Wedderburn, *The Worker and The Law* (3rd edn., 1986; new edition forthcoming) and O. Kahn-Freund, *Labour and the Law* (1983); or R. Lewis (Ed.), *Labour Law in Britain* (1986) together with Wedderburn, *Employment Rights in Britain and Europe* (1991). Butterworth's *Employment Law Handbook* (plus any labour law statutes later in date).

Examination Arrangements: There is a three-hour written paper, taken in the period August-September. Normally this is in two parts and students are required to answer questions in both parts. When answers are required to a certain number of questions, failure to answer that number may lead to failure in the subject, even if the answers offered are above the pass level. Students are allowed to take into the examination unmarked copies of specified statutory materials.

LL6112**Labour Law**

Teacher Responsible: Mr. R. C. Simpson, Room A362

Course Intended Primarily for M.Sc. (Industrial Relations and Personnel Management).

LL.M. students should take LL6111, *Law of*

Management and Labour Relations.

Core Syllabus: The aim of the course is to examine the role of the law in British industrial relations. It focuses primarily on collective labour relations between trade unions and employers but includes some aspects of the law relating to individual labour relationship between each worker and his or her employer. Some reference is made to the role of the law in other systems of industrial relations.

Course Content: The historical development of labour law. Trade unions' organisational rights: legal status of trade unions; the individual right to organise and right to dissociate - the closed shop; time off work for union activities. Internal management of trade unions: admission and expulsion; union democracy; union political activities; inter-union relations. Collective bargaining and the law; union recognition; legal status of collective agreements; disclosure of information. Industrial democracy and worker participation. Legal regulation of strikes and other forms of industrial conflict: picketing; individual workers' rights; civil liabilities for organising industrial action. Aspects of individual employment rights: employee status - atypical workers; pay; discrimination on grounds of sex and race; unfair dismissal; redundancy; the influence of European Community law.

Pre-Requisites: While any previous knowledge and/or experience of the law in industrial relations is an advantage it is NOT essential.

Teaching Arrangements:

Seminars: Id115 - *Labour Law* - 25 Sessional. The seminars will cover each topic of the course in detail.

Written Work: Students are required to write three essays during the course. They will also normally be required to present seminar papers.

Reading List: Students are advised to purchase the following: Kahn-Freund, *Labour and the Law*; Wedderburn, *The Worker and the Law*.

If possible, they should purchase, and if not they should consult regularly: Davies & Freedland, *Labour Law, Text and Materials*.

Supplementary Reading List: Wedderburn, *Employment Rights in Britain and Europe*; McCarthy (Ed.), *Legal Intervention in Industrial Relations: Gains and Losses*; Davies & Freedland, *Labour Legislation and Public Policy*; Hepple & Fredman, *Labour Law and Industrial Relations in Britain*; Rideout, *Principles of Labour Law*; Elias & Ewing, *Trade Union Democracy: Members' Rights and the Law*; Fosh & Littler (Eds.), *Industrial Relations and the Law in the 1980s*; Millward et. al., *British Industrial Relations in Transition*; Kessler & Bayliss, *Contemporary British Industrial Relations*. The "Donovan" Report of the Royal Commission on *Trade Unions and Employers' Associations*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the syllabus above. The paper contains 10-12 questions of which three have to be answered.

Criminal Procedure

Teachers Responsible: Professor L. H. Leigh,

Room A207 and Professor Michael Zander, Room A457

Course Intended Primarily for LL.M., M.Sc. in Criminal Justice Policy (with permission).

Core Syllabus: The purpose of this course is to examine selected topics in criminal procedure in such a way as to cover the main institutions of English criminal procedure. Comparative material will be introduced to point up issues of contemporary concern in the procedural aspects of criminal justice.

Course Content:

1. Theories of criminal procedure: accusatorial and inquisitorial systems: mixed systems.

2. The police and criminal process: arrest, obtaining evidence, search and seizure, cautioning, the decision to charge.

3. The prosecution of offences: the Crown Prosecution Service and its relations with the police; prosecutions by other government agencies; private prosecutions. Compare the position of the *parquet* in France and Germany. Prosecutorial discretion contrasted with the principle of legality.

4. The screening process: committal proceedings; bills of indictment; referral by Serious Fraud Office. Screening and discovery.

5. Release or detention of the accused: the bail system: powers of police; of magistrates' courts; operation of all these in practice; bail by trial courts; by Court of Appeal (Criminal Division).

6. Classification of offences and choice of court for trial: safeguards against abuse; sentencing powers of magistrates' and Crown Courts in these particulars. Compare allocation of business in other jurisdictions, e.g. Canada.

7. Discovery: pre-trial hearings, Crown Court; offences triable either way. Effect of dispositions, especially on guilty plea.

8. Plea: ensuring the integrity of the plea; plea bargaining; contrast with United States.

9. Criminal pleadings: responsibility for formulating; form of in Crown Court and Magistrates' Court; significance of joinder, severance.

10. The judge and the criminal trial: his functions in relation to the jury; controls over sufficiency of evidence; over admissibility; discretion to exclude; fairness to accused; charging the jury; limits of powers over jury.

11. Multiple incrimination: double jeopardy, issue estoppel, discretion to halt proceedings; compare American formulations. Double jeopardy and new trials.

12. Appeal: from magistrates' courts; from Crown Court. Appeals from conviction; appeals against sentence; references; powers of Court of Appeal. Justice and efficiency.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars (LL210) of 1½ hours Sessional.

Written Work: None.

Reading List: There is no single satisfactory text. As a general textbook, we suggest Emmins, *Criminal Procedure* (5th edn., 1992); Archbold, *Criminal Evidence, Practice and Procedure* and Blackstone's, *Criminal Practice* (1994) are the practitioner's treatises. On particular topics: M. Zander, *Police and Criminal Evidence Act 1984* (2nd edn., 1990); L. H. Leigh, *Police Powers* (2nd edn., 1985); Lord Devlin, *The Judge* (1979); B. Harris, *Powers of Magistrates' Courts* (1985); A. Zuckerman, *Criminal Evidence*

(1989); J. Pradel, *Procédure Penale* (current edition); J. Langbein, *Comparative Criminal Procedure: Germany* (1979). Pertinent articles are carried in the *Criminal Law Review*, and in *La Revue Internationale de Droit Penal* (in French and English) and in other British, Commonwealth and American journals.

Examination Arrangements: One three-hour written examination.

LL6121**Theoretical Criminology**

Teachers Responsible: Professor R. Reiner, Professor R. Cotterrell (QMW), Dr. W. Morrison (QMW) and Dr. E. Genders (UCL)

Course Intended Primarily for LL.M.

Core Syllabus: This course is given at the I.A.L.S. with teachers from UCL and QMW.

Course Content: The origin and development of crime studies: the classical and positivist schools of criminology, and their relation to modern criminology. Individual theories of crime: psychological, psycho-analytic and biological. Sociological factors, area influences, gang studies. Cultural and subcultural theories of crime. The influence of social class and economic factors. The interactionist approach, labelling theory and the social deviance perspective. Radical criminology. Female crime. The facts about crime as derived from official sources and self-report and victim studies. Prediction studies.

Pre-Requisites: Since this is a postgraduate course, a relevant degree or its equivalent.

Teaching Arrangements: A weekly seminar (LL221) lasting one and a half hours in the Michaelmas, Lent and Summer Terms.

Reading List: F. Heidensohn, *Crime and Society* (1989); (Introductory); G. Vold & T. Bernard, *Theoretical Criminology* (1986); D. Downes & P. Rock, *Understanding Deviance* (1988); P. Rock, *A History of British Criminology* (1988); J. E. Hall Williams, *Criminology and Criminal Justice* (1986); R. Hood & R. Sparks, *Key Issues in Criminology*, 1970; Taylor, Walton & Young, *The New Criminology* (1973); M. Maguire, R. Morgan & R. Reiner (Eds.), *The Oxford Handbook of Criminology* (1994).

Supplementary Reading List: Will be given during the course.

Examination Arrangements: There will be one three-hour examination which will count for 100 per cent of the marks.

LL6122**Crime Control and Public Policy**

Teachers Responsible: Professor R. Reiner, Dr. Richardson (QMW), Professor Nelken (UCL), Dr. Genders (UCL) and Dr. Player (KCL)

Course Intended Primarily for LL.M. and M.Sc. Criminal Justice Policy.

Core Syllabus: This course is taught on an inter-collegiate basis and is held at the Institute for Advanced

Legal Studies, Russell Square. It deals with the institutions and public policies concerned with the control of crime. The research on the origins, structure and functioning of these will be reviewed, and their impact evaluated. Proposals for reform will be analysed. The seminars will be conducted by different teachers in the University of London and outside speakers including some drawn from the Home Office.

Course Content:

1. *The Emergence of Criminal Legislation.*
2. *The Development, Structure and Functioning of the Criminal Justice System.*
3. *The Pattern and Trends of Crime and Control.* The uses and limitations of official statistics. Their construction by agencies of control.
4. *Crime Prevention and Control.* Formal and informal mechanisms. Assessments of effectiveness.
5. *The Role and Treatment of Victims.*
6. *The Operation and Effectiveness of Particular Institutions.* Police, criminal courts, penal institutions and alternatives.
7. *Penal Policy and Institutions.* The origins, nature, organisation and effects of custodial and non-custodial sanctions.
8. *The Role and Impact of Criminological Research on Public Policy.*

Pre-Requisites: Since this is a post-graduate course, a relevant degree or its equivalent.

Teaching Arrangements: LL222 26 MLS (1½ hour seminars).

Written Work: Students may have an opportunity to prepare and present papers to the seminar. Copies of these papers will be supplied to the other students.

Reading List: Detailed lists will be supplied at the commencement of the course. A recent text covering most topics on the course is M. Maguire, R. Morgan & R. Reiner (Eds.) *The Oxford Handbook of Criminology* (1994). Preliminary reading could include: T. Morris, *Crime and Criminal Justice Since 1945*; V. Stern, *Bricks of Shame*; A. Rutherford, *Prisons and the Process of Justice*; R. Reiner, *The Politics of the Police*; R. Kinsey et al., *Losing the Fight Against Crime*; R. Reiner & M. Cross, *Beyond Law and Order: Criminal Justice Policy and Politics into the 1990s*; M. Cavardino & J. Dignan, *The Penal System*; K. Stenson & D. Cowell, *The Politics of Crime Control*; D. Downes, *Unravelling Criminal Justice*.

Examination Arrangements: There will be one three-hour examination which will count for 100 per cent of the marks.

LL6123

Juvenile Justice

Teachers Responsible: J. Fionda (KCL) and Mr. W. Morrison (QMW)

Course Intended Primarily for LL.M. It is provided on an intercollegiate basis and held at King's College.

Course Content:

1. *Theory.* Treatment and welfare. Justice and punishment. The concept of care. The definition of "child" and "young person".

2. *History and background.* The development of special legislation. The classification of offenders. Juvenile courts and their alternatives.

3. *Pre-trial procedures.* The police and juveniles - juvenile bureaux. Cautioning and diversion. Reports for courts - social, education, psychiatric, medical. Remands on bail and in custody. "The unruly". Rights of juveniles.

4. *Present arrangements.* Absolute and conditional discharges. Binding over. Fines upon offenders and parents. Supervision orders - the role of social workers and the probation service. Intermediate treatment and other special conditions. Attendance centre orders. Care orders, residential care orders and community homes. Young Offender Institutions for juvenile offenders. After-care. Fostering schemes. Community service orders. Imprisonment. Youth treatment centres and secure units. The use of s.53 of the Children and Young Persons Act 1933.

5. *Special categories of offenders.* Mentally disturbed juveniles. Truants. Drug addicts. Girls. Recidivists.

6. *Social policy.* Future development.

Teaching Arrangements: 26 seminars (LL247) Sessional.

Reading List: Elizabeth Burney, *Sentencing Young People* (1985); Allison Morris et al., *Justice for Children* (1980); Allison Morris & Henri Giller (Eds.), *Providing Criminal Justice for Children* (1983); Allison Morris, *Juvenile Justice?* (1978); Howard Parker et al., *Receiving Juvenile Justice* (1981); Andrew Rutherford, *Growing Out of Crime* (1986).

Supplementary Reading List: will be given during the course.

Examination Arrangements: There will be one three-hour examination, which will count for 100 per cent of the marks.

LL6124

Sentencing and the Criminal Process

Teacher Responsible: Professor Ashworth (KCL)
Course Intended Primarily for LL.M.

Core Syllabus: This course is taught on an intercollegiate basis and held at the Institute of Advanced Legal Studies. It aims to consider sentencing principles and practices both in theory and in the context of the criminal process as a whole. The materials studied are of three kinds - empirical research on sentencing and on pre-trial decisions; theoretical perspectives on pre-trial justice and sentencing; and also the relevant legal rules and principles.

Course Content: The syllabus falls into seven main sections. First, the concept of "process" and the aims of the criminal process. Second, pre-trial decisions, including diversion, prosecution, bail, mode of trial and plea. Third, "informal justice" - rights, principles and policies at the pre-trial stage. Fourth, the aims of sentencing. Fifth, sentencing principles, policies and practices (including outlines of imprisonment, and with special reference to non-custodial sentences, such as community service orders, probation, fines, compensation and so on). Sixth, the impact of parole decisions on sentences. And seventh, reform of sen-

tencing and the criminal process: the rights and roles of the state, victims of crime and offenders.

Pre-Requisites: Since this is a post-graduate course, an LL.B. or its equivalent.

Teaching Arrangements: LL223 26MLS (1½ hours each).

Reading List: A. Ashworth, *Sentencing and Criminal Justice* (1992); C. Harding & L. Koffman, *Sentencing and the Penal System* (1987); J. Baldwin & A. K. Bottomley, *Criminal Justice: Selected Readings* (1978); D. Moxon (Ed.), *Managing Criminal Justice: a Collection of Papers* (1985).

Supplementary Reading List: will be given during the course.

Examination Arrangements: There will be one three-hour examination which will count for 100 per cent of the marks.

LL6128

Regulation and Law

(Not available 1994-95)

Teacher Responsible: Dr. R. Baldwin, Room A456
Course Intended Primarily for LL.M. degree.

Core Syllabus: This course will look at British regulatory processes from legal, governmental and economic perspectives. It considers the rationales for regulation, the alternatives to regulation, the various means of regulation, the nature of regulators, regulatory institutions, and constitutional questions raised by regulation. General issues will be dealt with at the start of the course but case studies of particular regulatory regimes will also be covered (e.g. civil aviation, broadcasting, health and safety at work). A section of the course will look at the current privatisation programme and the special regulatory problems associated with it. Legal issues will be a major concern but Public Law questions will be dealt with in relation to regulatory processes only. This will minimise any overlap with Administrative Law.

Course Content:

1. *Why Regulate?*

Economic justifications for regulation and political motives for regulation. The alternatives to regulation, e.g.: nationalisation of regulation in Britain and comparisons with other countries.

2. *Who Regulates?*

Regulatory institutions and their development in Britain and elsewhere. Agencies versus departments, courts or tribunals. The place of independent agencies within government. Self-regulation and its limits. Operational pitfalls (e.g. capture; promotion versus enforcement). Accountability and expertise. The procedures appropriate to regulatory decision-making. Benchmarks for assessing agency performance. Judicial versus other controls over regulatory bodies. The Public Law issues raised by regulation.

3. *How to Regulate*

Licensing by the "classical" method. Problems associated with standard-setting. Less restrictive methods of control, e.g.: franchising; taxation; marketable property rights; liability rules; disclosure; anti-trust. Cost-benefit analysis and the evaluation of regulations and regulatory regimes.

4. *Trial-type Processes and Regulation*

The limits of the trial-type process. Adjudication versus rule-making in the development of regulatory policy. Alternative modes of regulatory decision-making. Appeals structures in regulation and the politics thereof. Agencies versus tribunals.

5. *Rules and Discretion in Regulation*

The special problem of controlling regulatory discretions. The purposes and dimensions of rules. Procedures for rule-making. Different types of rule, their governmental purposes and their enforceability. The optimal precision of rules.

6. *Enforcement*

Different enforcement strategies and their legal, economic and administrative rationales.

7. *Case Studies in Regulation*

The case for regulation and the mode of regulation analysed in the fields, inter alia of civil aviation, health and safety at work and broadcasting.

8. *Privatisation and Deregulation*

The rationales for the privatisation programme. Regulation in the wake of privatisation - the special problems. Regulating natural monopolies.

Pre-Requisites: This course is suitable for non economists. It deals with broad issues in regulation and may complement other LL.M. courses with particular fields of regulation.

Teaching Arrangements: Seminars (LL241) - 26 sessional (weekly).

Classes - to be arranged.

Main Readings:

1. *Why Regulate?*

A. Ogus & C. Veljanovski, *Readings in the Economics of Law and Regulation* (1984); S. Breyer, *Regulation and Its Reform* (1982); B. Mitnick, *The Political Economy of Regulation* (1980).

2. *Who Regulates?*

R. Baldwin & C. McCrudden, *Regulation and Public Law* (1987); R. E. Cushman, *The Independent Regulatory Commissions* (1941); J. M. Landis, *The Administrative Process* (1938); M. H. Bernstein, *Regulating Business by Independent Commission* (1975).

3. *How to Regulate*

S. Breyer, *op. cit.*; L. J. Hector, "Problems of the CAB and the Independent Regulatory Commissions" *Yale LJ*, 69, 931, 1960; N. Lewis, "Who Controls Quangos and Nationalised Industries?" in J. Jowell and D. Oliver (Eds.), *The Changing Constitution* (1985); A. C. Page, "Self-Regulation: The Constitutional Dimension" (*MLR*, 49, 141, 1986); Baldwin & McCrudden, *op. cit.*

4. *Trial-type Processes and Presentation*

J. L. Jowell, *Law and Bureaucracy* (1975); R. Baldwin, *Regulating the Airlines* (1985); R. B. Stevens & B. S. Yamey, *The Restrictive Practices Court* (1965).

5. *Rules and Discretion*

K. C. Davis, *Discretionary Justice* (1971); C. Harlow & R. Rawlings, *Law and Administration* (1984).

6. *Enforcement*

K. Hawkins, *Environment and Enforcement* (1984).

7. *Case Studies*

Various source materials.

8. *Privatisation and Deregulation*

C. G. Veljanovski, *Selling the State* (1987); J. Kay et al., *Privatisation and Regulation* (1986).

Examination Arrangements: Three-hour written paper.

LL6129

Regulation of Financial Markets**Course Intended Primarily for** LL.M.**Core Syllabus:** This course examines the regulation of financial markets in the context of economic theory relating to such markets focusing on various theories of how markets operate and different forms of financial market regulation.**Course Content:**

1. Economic Theory and Financial Markets
2. Why Regulate Financial Markets?
3. The Impact of Internationalisation of Markets
4. Form and Structure of Regulation
5. Governmental Involvement in Financial Markets
6. Regulation of Business Forms
7. Regulation of Financial Markets.
8. Regulation of Market Participants
9. Regulation of Marketing of Investments
10. The Ability of the Regulatory System to Adapt to New Developments

Pre-Requisites: None.**Teaching Arrangements:** There is a weekly seminar (LL242) of two hours duration.**Reading List:** Posner & Scott, *Economics of Corporation Law and Securities Regulation*; Ogun & Veljanovski, *Readings in the Economics of Law and Regulation*.

A full reading list will be distributed during the course.

Examination Arrangements: This subject is examined by means of either:

- i. One three hour written paper, or
- ii. one two hour written paper and one course essay not exceeding 8,000 words on a topic chosen in consultation with and with the approval of the teacher of the course.

LL6130

Compensation and the Law**Teacher Responsible:** Dr. Julian Fulbrook, Room A368**Course Intended Primarily for** LL.M. degree.**Core Syllabus:** The aim of the course is to analyse compensation claims in torts and in the welfare state at an advanced postgraduate level. The course will also consider alternative methods of compensation in other countries and the various proposals for reform which have been suggested in Britain.**Course Content:**

1. Introductory Topics. The inter-relationship of Torts Liability, private insurance, social security and the personal social services.
- A. Negligence Liability
 2. Elements of Personal Injuries litigation.
 3. Employer's Liability. Health and Safety at Work.
 4. Professional Negligence claims.
 5. Medical Malpractice litigation.
 6. Occupier's Liability.
 7. Vicarious Liability.
 8. Breach of Statutory Duty. Products Liability.
 9. Trespass to the Person and the Criminal Injuries Compensation Board.
 10. Causation Problems.
 11. Contributory Negligence.

12. Volenti non fit injuria.

13. Damages for personal injuries and death.

B. The Welfare State

14. Workman's Compensation and the origins of National Insurance.

15. The Industrial Injuries system.

16. Industrial Diseases.

17. Sickness and other benefits.

18. The personal social services.

Pre-Requisites: Admission to the LL.M. Some knowledge of torts and welfare law will obviously be helpful, but is not essential.**Teaching Arrangements:** A weekly seminar (LL243) of 1 1/2 hours. Detailed reading is handed out one week in advance. The seminars are on the basis of general discussion but students will be asked to make a presentation from time to time.**Written Work:** Students are advised to write an essay during both the Christmas and Easter vacations.**Reading List:** Students should purchase a copy of *Atiyah's Accidents, Compensation and the Law* (4th edition by Dr. Peter Cane), Hepple & Matthews, *Casebook on Torts* and a torts textbook.**Examination Arrangements:** There is a three-hour written examination in September based on the syllabus above, with a choice of 4 questions from a total of 8.

LL6131

Insolvency Law: General Principles**Teacher Responsible:** Vanessa Finch, Room A539**Course Intended Primarily for** LL.M. students.**Core Syllabus:** This course is concerned with the general principles underlying the legal treatment of insolvency. It considers how the nature of the problems raised by insolvency varies depending on the legal identity of the insolvent (whether it is an individual, a company with limited liability, any other type of legal entity or an economic unit not recognised as a legal entity), and it examines the legal responses to these problems. This involves a consideration of the procedures presently available for the enforced realisation of the assets of different types of insolvent, in the light of the justifications and objectives of such procedures. Other methods of dealing with insolvency, as alternatives to enforced realisation of assets, are also considered, and an examination is made of the impact of insolvency procedures on the rights of the individuals who become involved in the insolvency.**Course Content:****Part I - Role and Objectives of Insolvency Law and Procedures**

1. Introduction: Aims and Objectives
2. Particular problems posed by different entities
3. Outline of procedures available
4. Insolvency Practitioners

Part II - Averting Bankruptcy and Liquidation

5. Voluntary advice and assistance schemes
6. Rescue Procedures I
7. Rescue Procedures II

8. Rescue of non-corporate businesses

Part III - Liquidation and Bankruptcy

9. Economic efficiency of liquidation and bankruptcy

10. Control of Procedures

11. Assets available for distribution

12. Distribution of assets

Part IV - Repercussions of Insolvency on Individuals

13. Company directors

14. Treatment of Individual Insolvents

15. Families and dependants

16. Employees

Pre-Requisites: Admission to the LL.M.**Teaching Arrangements:** Weekly seminars (LL244) of 2 hours duration.**Reading List:** A full reading list and materials will be distributed during the course. Wider background reading will include some comparative law reform and other material including:Cork Report, *Report of the Review Committee on Insolvency Law and Practice* (Cmd. 8558, 1982); Australian Law Reform Commission, *General Insolvency*, Enquiry Discussion Paper No. 32 August 1987 (and earlier discussion papers and Reports on specific aspects of insolvency law); Tasse Report 1970, *Report of the Study Committee on Bankruptcy and Insolvency Legislation* (Canada); T. H. Jackson, *The Logic and Limits of Bankruptcy Law*, Harvard (1986); Baird & Jackson, *Cases, Problems and Materials on Bankruptcy* (1985); Philip I. Blomberg, *The Law of Corporate Groups: Bankruptcy Law* (Little Brown and Company, 1985); Cowan, *Bankruptcy Law and Practice* 1987).**Examination Arrangements:** A 3-hour written examination at the end of the course.

LL6132

Alternative Dispute Resolution**Teacher Responsible:** Professor Simon Roberts, Room A150**Course Intended Primarily for** LL.M. degree.**Core Syllabus:** The principal focus of the course is upon methods of resolving disputes other than by adjudication. The course brings together theory and practical exercises. It is divided into two parts: following an examination of the history of the "informal justice" movement, and contemporary debates surrounding it, the focus of the first part of the course is on the general features of negotiation and mediation. The second half of the course examines alternatives to adjudication in particular subject areas, as well as giving students some opportunity for regional specialisation. The course is designed to complement the option on Commercial Arbitration.**Course Content:****GENERAL PART**I. *Introduction* - Conflict and dispute theory. The history of the informal justice movement; the debates surrounding the role of courts and the case for alternative modes of dispute resolution (two seminars).II. *Taxonomy* The characteristics of different forms of dispute process; modes of third-party intervention; the location of power in alternatives to adjudication (one seminar).III. *Negotiation* Theories of negotiation and bilateral decision-making. Process (phases in negotiations; strategies and techniques); lawyers in negotiations; ethical questions. The relationship of negotiation and

adjudication (three seminars).

IV. *Mediation* The nature of mediation and the role of the mediator. The context and form of mediated negotiations. The different forms of mediation. Mediation distinguished from other forms of third-party intervention. Problems of confidentiality. The protection of weaker parties and safeguarding of third-party interests (three seminars).V. *Umpiring processes* Adjudication and its alternatives in outline (one seminar).VI. *The role of lawyers in dispute resolution* Negotiations between lawyers. Lawyers in mediation. Lawyers and the choice of process (one seminar).VII. *Research methods and evaluation* (one seminar).
SPECIAL SUBJECTS

For the second part of the course, students will attend seminars on four special subjects approved by the Board of Studies. Until further notice the special subjects will be:

VIII. International Dispute Resolution (three seminars)

IX. Mediation in family disputes (three seminars).

X. Labour dispute resolution (three seminars).

XI. A choice of Dispute Resolution in Japan OR China OR India OR Africa (three seminars on a chosen topic).

Pre-Requisites: No previous knowledge of alternative dispute resolution is required.**Teaching Arrangements:** Teaching will be by 26 two-hour (LL245) seminars, held weekly at IALS.**Reading List:** A reading list will be distributed at the beginning of the course. Main texts are: S. Goldberg, F. Sander & N. Rogers, *Dispute Resolution* (Little Brown, 2nd edn., 1992); J. Murray, A. Rau, & E. Sherman, *Processes of Dispute Resolution* (Foundation Press, 1989).**Examination Arrangements:** The subject will be examined by one three-hour paper and one course essay, not exceeding 8,000 words on a topic chosen in consultation with the teachers responsible for the course. The essay must be submitted in duplicate not later than 1 July (of final year for part-time students). In the overall assessment of the candidate's performance such essay shall carry weighting of 40 per cent of the total marks awarded in the examination in the subject.

LL6133

Policing and Police Powers**Teacher Responsible:** Professor R. Reiner**Course Intended Primarily for** LL.M. and M.Sc. Criminal Justice Policy**Core Syllabus:** The police are a central part of the criminal justice system and of the State's formal machinery for maintaining order and enforcing law. It is difficult to underestimate their importance in the process of criminal law enforcement and social policy more generally. There is a burgeoning research, policy-oriented and theoretical literature analysing the nature and functions of policing. In the last decade policing and police powers have been central focal points for debate in the politics of criminal justice, as well as one of the fastest-growing areas in academic research and publishing within criminology. This course will review research and policy about

policing and policing policy.

Course Content:

1. *The nature and functions of 'policing'*. What is the role of the police in the State and legal system?
2. *The historical development of policing*. Theoretical debates about the explanation and interpretation of this.
3. *Police work and the impact of police organisations*. Particular stress will be laid on issues of police discretion, discrimination, and the measurement and enhancement of 'effectiveness'.
4. *The characteristics and dynamics of police organisations*. Particular attention will be paid to questions of management, personnel issues, and 'canteen culture' i.e. informal organisation.
5. *Specialist aspects of policing organisations*, notably criminal investigations, and the control of public order, will be examined.
6. *The relationship between State and 'private' forms of policing*.
7. *The legal powers of the police*. Their operations and the controls over their exercise will be analysed.
8. *Police accountability and control*. The complaints system and the debates about governance will be discussed.
9. *The role of police organisation in the formulation of law and criminal justice policy*. The politics of police representative associations, and their role as pressure groups for legal and policy change.

Pre-Requisites: Since this a postgraduate course, a relevant degree or its equivalent.

Teaching Arrangements: A weekly 1½ hour seminar (LL246) Sessional.

Reading List: General surveys of the field include: R. Reiner, *The Politics of the Police* (2nd edn. 1992) and M. Brogden, T. Jefferson & S. Walklate, *Introducing Police Work* (1988).

Useful collections of research papers include: R. Morgan & D. Smith, *Coming to Terms with Policing*, and the Special Issue of *The British Journal of Criminology*, edited by R. Reiner & J. Shapland, Winter 1987.

For police powers: L. Leigh, *Police Powers in England and Wales* (1985) and the volumes on the *Police and Criminal Evidence Act* by M. Zander or M. Freeman (as well as subsequent research on this).

For the accountability debate: L. Lustgarten, *The Governance of the Police* (1986); R. Reiner, *Chief Constables* (1991); R. Reiner & S. Spencer (Eds.), *Accountable Policing* (1993).

Examination Arrangements: One three-hour examination, counting for 100% of the marks.

LL6134

Theoretical and Comparative Criminal Law

Teacher Responsible: Professor L. H. Leigh, Room A207

Course Intended Primarily for LL.M.

Core Syllabus: Theories of substance and form in criminal law: the moral limits of criminal law; theories of responsibility and punishment. General principles of liability, including fault, complicity, group liability, strict and vicarious liability, mental disorder

and defences. Case studies, including personal security and the preservation of life; interests in sexual integrity; interests in security of property; endangerment, negligence; driving offences.

Pre-Requisites: LL.B. or equivalent.

Teaching Arrangements: 26 seminars (LL248) Sessional of 1½ hours duration.

Selected Bibliography: Law Commission No. 177, *A Criminal Code for England and Wales* (1989); Law Reform Commission of Canada, *Recodifying Criminal Law* (1986); Fletcher, *Rethinking Criminal Law* (1978); Hart, *Punishment and Responsibility* (1968); Packer, *The Limits of the Criminal Sanction* (1968); Duff, *Trials and Punishments* (1986); Smith, *Justification and Excuse in the Criminal Law* (1989); Duff & Simmonds (Eds.), *Philosophy and the Criminal Law* (1984); Dennis (Ed.), *Criminal Law and Justice* (1987); Kadish, *Blame and Punishment* (1988); Feinberg, *The Moral Limits of the Criminal Law* (1984-7); Shute et al., *Action and Value in Criminal Law* (1994).

Examination Arrangements: 3-hour paper.

LL6135

International Criminal Law

Teacher Responsible: Professor Rein Müllerson

Course Intended Primarily for LL.M. students

Core Syllabus: The protection of individuals by international criminal law. Standards of protection and procedures for their enforcement.

Course Content:

Part I - The Context

I. Basic Concepts and principles.

1. Delimitations and interdependencies between the disciplines of "human rights", "humanitarian law", "municipal (constitutional, criminal) law"
2. Conceptual and terminological distinctions: Droit penal international, droit international penal, international ordre public, crimes and delicts etc.
3. The definition of international crimes by the ILC
4. Constituent elements of international crimes.
5. The individual in international law.

II. Theory and Historical Evolution

1. Theory of international criminal law and criminology.
2. Elements of history: Evolution of the *ius puniendi* (private-state-universal); "aut dedere aut punire"; the impact of the Nurnberg and Tokyo trials; standards of international criminal justice by the League of Nations and the United Nations; the question of an international criminal court; technology and the creation of new prescriptive norms.

III. Sources of International Criminal Law and Procedure

1. Rules of Public International Law
2. Principles of Municipal Law
3. Interaction of these rules and principles; enforcement through domestic courts; International Criminal Court - ideas and reality.

IV. Jurisdiction

1. Basic principles
2. The limits of the *ius puniendi* of states
3. Principal bases for the exercise of jurisdiction over offences: principle of territoriality; protective,

principle; active and passive personality principle; universality; flag state jurisdiction.

4. Conflicts of jurisdictional principles.

5. Immunities from criminal jurisdiction.

Part II: International Crimes

I. Norms and Standards.

A. Typology of crimes: International crimes and transnational crimes.

B. Main Crimes: crimes against peace, war crimes and international humanitarian law, crimes against human rights (genocide, apartheid etc.), terrorism, illicit traffic in narcotics, recruitment and use of mercenaries, piracy.

C. The Draft Code of Offences Against the Peace and Security of Mankind and "New" International Crimes.

II. Implementation and application in state practice

A. The Nurnberg and Tokyo precedents

1. The judgment of the IMT; 2. Cases in Allied military tribunals; 3. decisions of municipal courts: Eichmann, Demjanyuk, Artukovic, Barbie etc.

B. Contemporary State practice of war crimes prosecutions: national approaches in USA, Australia, Canada, United Kingdom, France, Israel.

Pre-Requisites: law degree or equivalent relevant experience.

Teaching: Seminars (LL211). 11 Michaelmas; 9 Lent; 6 Summer Term.

Examination Arrangements: 3 hour written examination.

LL6136

Legal Responsibilities of Banks

Teacher Responsible: Professor R. Cranston

Course Intended for LL.M.

Core Syllabus: This course explores the legal duties and liabilities of banks to their customers and to third parties in three major fields of banking activity: the transfer of funds, the giving of advice and the use of confidential information. The various methods of payment instruction, together with clearing procedures, are examined in detail, and their legal implications explored. Particular attention is devoted to future developments such as cheque truncation and electronic funds transfer. The expansion in the range of bank activities has given rise to many legal issues that have yet to be fully worked out, including conflicts of interest in the giving of advice and problems of constructive notice and of confidentiality facing a bank which is acting in different capacities for different customers or dealing with a corporate customer which is a member of a group. The course does not cover the finance of international trade or medium to long term international lending.

Course Content:

1: The relationship of the banker and customer

Who is a customer; the significance of the question. The commencement, incidents and termination of the banker-customer relationship. The relevance of maintaining accounts with branches. The legal nature of the current account. Other types of account. Special categories of customer.

2. The legal implications of electronic funds transfer

Verification of the payment instruction; mistaken payment instructions; errors in transmission. Point of sale electronic funds transfer and the distribution of

risks as between banker, customer and supplier.

3. Paper-based funds transfers

(1) Paper-based contrasted with paperless (electronic) funds transfers. Cheques and similar instruments, direct debit and credit transfers. An outline of the London clearing system: the London Clearing House; B.A.C.S.; the London US dollar clearing.

(2) Cheques: Their character as negotiable instruments; crossing and marking; the position of the paying banker and the collecting banker.

(3) Direct debits: the position of the paying banker; the completion of payment.

(4) Credit transfers: at what point the paying banker is committed; when payment is complete.

4. Payment: Countermand and Completion

Aspects of payment. Law of countermand of cheques. Other methods of payment. Completion of payment. Availability of funds. Discharge of obligations.

5. The banker as adviser

The duty of care in giving advice, and methods of limited or excluding liability. Conflicts of interest.

6. The banker's liability as constructive trustee

The constructive trust in relation to receipt, retention and payment of money by a bank. The concept of notice, and its application as regards information received by another department or branch of the bank or by another members of the banking group or received by the bank in a different capacity.

7. The duty of confidentiality

Data protection generally. The banker's duty to keep his customer's business confidential. The duty of confidentiality as regards a corporate customer within a group. The dissemination of information from one department or branch to another and from one member of a banking group to another. Chinese walls and their application to the operation of banks and merchant banks.

8. Remedies

Mareva injunctions and freezing bank deposits. Orders interfering with bankers' confidentiality. Bankers' Book Evidence Act. Equitable set-off.

Pre-Requisites: A knowledge of company law and contract law is desirable but not necessary.

Teaching Arrangements: At least 13 x 2 hours Seminars (LL230) Michaelmas Term and half Lent Term.

Reading List:

Basic Texts: Ellinger, *Modern Banking Law* (1987); Weaver & Craigie, *The Law Relating to Banker and Customer in Australia* (looseleaf); Weerasooria, *Banking Law and the Financial System in Australia* (1989); Paget (M. Hapgood, Ed.), *Law of Banking* (1989); Goode, *Payment Obligations in Commercial and Financial Transactions* (1983); Penn, Shea & Arora, *The Law Relating to Domestic Banking* (1987). Additional references to articles and cases will be given with the Reading List.

Examination Arrangements: 3 questions from 8; 2 hours 15 minutes.

LL6137

The Law and Practice of Banking Regulation in the United Kingdom and European Communities

Teacher Responsible: Mr. Ken McGuire, Room A360

Course Intended Primarily for LLM degree. Half unit option.

Core Syllabus: Analysis of why and how banks are regulated in the UK and the EC.

Course Content: The structure of UK and EC banking markets. The EC model of universal banking and its implications for UK banks. The policy objectives of UK and EC banking regulation: prudential supervision v liberalisation of financial markets, depositor protection schemes in the UK and EC. Establishment and expansion of banks in the UK and EC: authorization under the Banking Act 1987, the Second EC Banking and related Directives, products and services. The Banking Act 1987: this will be examined in great detail and we will look at such things as the constitutional position of the Bank of England and its legal powers to intervene in the affairs of banks, co-operation between national supervisory authorities and the role of external bank auditors in the supervisory process.

Teaching Arrangements: A weekly 2 hour seminar (LL252) in the Michaelmas and Lent Terms.

Reading List: Cranston (Ed.), *The Single Market and the Law of Banking* (1991); Cranston (Ed.) *1992: The Legal Implications for Banking* (1989); Norton (Ed.) *Bank Regulation and Supervision in the 1990s* (1991); Gardener (Ed.), *UK Banking Supervision: Evolution, Practice and Issues* (1988); Penn, *Banking Supervision* (1989); Moran, *The Politics of Banking* (1986); Lord Justice Bingham, *Inquiry into the Supervision of The Bank of Credit and Commerce International* (1992, HMSO); Dale, *International Banking Deregulation* (1992); Flint, *Philosophy and Principles of Auditing* (1988); Lee, *Company Auditing* (1986).

Examinations Arrangements: 2 hour written examination in September: 9 questions, 3 to be answered.

LL6140

Carriage of Goods By Sea

Teacher Responsible: To be announced

Course Intended Primarily for LL.M.

Core Syllabus: The law of carriage of goods by sea under bills of lading or charter-parties.

Course Content: Historical development of liability of carrier by sea. Commercial practice. Voyage and time charter-parties. Express and implied undertakings of the parties. Representations, conditions and warranties. Frustration. Bills of lading and their function.

Carriage of Goods by Sea Act 1971. Usual clauses and implied undertakings in bills of lading. Transfer of rights and liabilities under the bills of lading. Preliminary voyage. Loading discharge and delivery. Exclusion and limitation of shipowners' liability. The Master. General Average (including York-Antwerp Rules, 1974). Demurrage. Freight. Liens. Construction of charter-parties and bills of lading.

Pre-Requisites: A knowledge of the law of contract is essential, of tort useful.

Teaching Arrangements: There is a weekly seminar (LL236) of one-and-a-half hours duration (10 Michaelmas, 10 Lent and up to 10 in the Summer Term).

Reading List: The recommended texts are (1) Martin Dockray, *Cases and Materials on the Carriage of Goods by Sea* (Professional Books, 1987) and (2) either J. F. Wilson, *Carriage of Goods by Sea* (Pitman, 1988) or Payne & Ivamy, *Carriage of Goods by Sea* (13th edn., Butterworths, 1989).

Other Books: Carver, *Carriage by Sea* (British Shipping Laws, 2 Vols., 13th edn., 1982); Scrutton, *Charterparties and Bills of Lading* (19th edn., 1974); Lowndes & Rudolf, *The Law of General Average and the York-Antwerp Rules* (British Shipping Laws, Vol. 7, 10th edn., 1975); Wilford, *Time Charters* (2nd edn., 1982).

A full reading list will be distributed.

Examination Arrangements: There is a three-hour written paper in the period August-September. Candidates may take an unmarked Queen's Printer copy of the *Carriage of Goods by Sea Act 1971* into the examination.

LL6142

Marine Insurance

(Not available 1993-94)

Course Intended Primarily for LL.M. students.

Core Syllabus: A detailed analysis of the law of marine insurance, including its historical evolution and commercial context.

Course Content:

1. *Introductory Topics:* The evolution of marine insurance, the marine insurance business, the development of legal regulation of marine insurance transactions, the Marine Insurance Act 1906.

2. *The Principles of Marine Insurance Law:*

(a) *The making of the contract:* The nature of the marine insurance contract, the avoidance of wagering or gaming contracts, insurable interest, duties of a broker in effecting the policy, non-disclosure, misrepresentation, the premium.

(b) *The Policy:* The types of policies, form and contents, designation of subject-matter, attachment and duration of risk, perils insured against, risks covered by Protection and Indemnity Associations, exceptions, termination and cancellation, rectification and alteration, warranties, assignment, construction of the policy, the duties, authority, and rights of the broker after effecting the policy.

(c) *Loss and Abandonment:* Type of loss, actual total loss, constructive total loss, abandonment.

(d) *The Measure of Indemnity:* Total loss, partial loss of ship, freight and goods, liabilities of third parties, sue and labour clause.

(e) *The Rights of the Insurer on Payment:* Subrogation, the right of contribution.

(f) *Reinsurance:* The relation between the original assured and the reinsurer, the relation between the reassured and the reinsurer.

(g) *Mutual Insurance*

Pre-Requisites: A general knowledge of the law of contract is essential.

Teaching Arrangements: There is a weekly seminar (LL234) of one-and-a-half hours duration (10 Michaelmas, 10 Lent and 6 in the Summer Term respectively).

Reading List: The recommended text is Ivamy, *Marine Insurance* (4th edn.).

Other Books: Chalmers, *Marine Insurance Act 1906* (9th edn., Ivamy 1983); Arnould, *The Law of Marine Insurance and Average* (16th edn., by Mustill & Gilman, 1981, Vols. 9 & 10, British Shipping Laws); Dover, *Analysis of Marine Insurance Clauses* (8th edn., 1960); Martin, *The History of Lloyds and of Marine Insurance in Great Britain* (1876); Wright & Fayle, *A History of Lloyds* (1928).

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

Examination Arrangements: There is a three-hour written examination in the period August-September following the course. Candidates may take unmarked copies of the Marine Insurance Act 1906 and the Institute Clauses into the examination.

LL6157

Environmental Law and Policy

Teacher Responsible: Ms. L. Wilder

Course Intended Primarily for LL.M. students; however, other students with a keen interest in the environment are welcome.

Core Syllabus: This course provides an examination of the legal and policy issues raised by the need to regulate the environment in the interests of present and future generations. The course focuses on law and policy within and applicable to the United Kingdom.

Course Content:

(i) Issues of the environment: philosophies of the environment; theories of environmental regulation - law, markets and economics.

(ii) British approach to the environment: integrated pollution control and best practicable environmental options; impact of European Community and international environmental programmes; sustainable development.

(iii) Toxic waste disposal: contaminated land; liability regimes; insurance implications.

(iv) Nuclear waste: British nuclear energy programme; the politics of disposal and the NIMBY syndrome.

(v) Water pollution: implications of privatisation; drinking water; bathing water; municipal waste water.

(vi) Air pollution: controls under the Environmental Protection Act 1990; British response to global air pollution problems such as ozone depletion and the greenhouse effect.

(vii) Interface between environmental and planning law (with special reference to environmental impact assessment).

(viii) Controls relating to biotechnology and genetically modified organisms.

(viii) Risk assessment in the environmental field.

Pre-Requisites: None.

Teaching Arrangements: A weekly 1½ hour seminar (LL237) supplemented by individual discussions on essays as required.

Reading List: No one book covers the whole course. Detailed reading lists will be handed out at the start of each topic. Materials will be both legal and interdisciplinary in nature, and will be taken from a wide range of sources. The following books provide useful introductory reading:

R. Churchill, L. Warren & J. Gibson (Eds.), *Law, Policy and the Environment* (1991); A. Blowers, D. Lowry & B. Solomon, *The International Politics of Nuclear Waste* (1991); M. Sagoff, *The Economy of the Earth* (1988); M. Jacobs, *A Green Economy* (1991); N. Evernden, *The Social Creation of Nature* (1992).

Examination Arrangements: The students can choose between either a two-hour examination and an essay of no more than 8000 words, or a three-hour examination.

M.Sc. Management**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

In the regulations which follow, each course has a value of one unit unless otherwise specified.

Paper Number	Paper Title	Course Guide Number
I Written papers to value of 3 whole units as follows:		
1	(a) Design and Management of Organisations (A) (half unit)	Mn8402
	and	
	(b) Design and Management of Organisations (B) (half unit)	Mn8403
	or	
	(c) Public Management Theory and Doctrine (half unit)	Mn8400
	and	
	(d) Contested Issues in Public Sector Management (half unit)	Mn8401
2 & 3	Papers to the value of <i>two</i> whole units from:	
	List A for those taking 1(a) and (b) above:	
	(a) The Analysis of Strategy A* (half unit)	Mn8414
	(b) The Analysis of Strategy B* (half unit)	Mn8415
	(c) Financial Reporting and Management	Ac2150
	(d) (i) Human Resource Management (previously Manpower Analysis)	Id4223
	or	
	(ii) Strategic Management of Human Resources for Business Performance	Id4225
	(e) (<i>May not be taken if similar courses already taken in previous studies</i>)	
Either		
	(i) Marketing and Market Research - An International Perspective	Mn8411
	or	
	(ii) Marketing and Market Research: An Introduction for Post-Graduates (half unit)	Mn8412
	(f) Marketing and Market Research Topic (half unit) (<i>may only be taken if appropriate courses previously taken</i>)	Mn8413
	(g) International Business in the International System	IR4641
	(h) Interpreting Modern Business: USA, Europe and Japan	EH2717
	(i) Systems Analysis and Design (half unit)	IS8307
	(j) Information Systems Management (half unit)	IS8309
	(k) (i) Operational Research Techniques and Applications	OR8342
	or	
	(ii) Techniques of Operational Research (half unit)	OR8343
	(l) Decision Analysis in Theory and Practice (half unit)	OR8204
	(m) Structuring Decisions (half unit)	OR8361
	(n) Sociology of Work, Management and Employment	So6832
	(o) Organisational Social Psychology	Ps6440
	(p) Public Management Theory and Doctrine (half unit)	Mn8400
	(q) Contested Issues in Public Sector Management (half unit)	Mn8401
	(r) Managing Economic Development	Mn8404

Paper Number	Paper Title	Course Guide Number
(s)	European Economic Development Management	Mn8405
(t)	Financial Reporting for Operational Research (half unit)	Ac2152
(u)	Quantitative Analysis in Social Research I (half unit)	MI9002
(v)	Quantitative Analysis in Social Research II (half unit)	MI9003
	List B for those taking 1(c) and (d) above:	
(a)	The Analysis of Strategy A* (half unit)	Mn8414
(b)	The Analysis of Strategy B* (half unit)	Mn8415
(c)	Design and Management of Organisations (A) (half unit)	Mn8402
(d)	Design and Management of Organisations (B) (half unit)	Mn8403
(e)	Comparative Local Government (half unit)	Gv4162
(f)	Public Choice and Public Policy - Introduction (half unit)	Gv4177
(g)	Public Choice and Public Policy - Advanced Topics (half unit)	Gv4178
(h)	Introduction to Comparative Public Administration (half unit)	Gv4166
(i)	The Politics and Regulation of Public Enterprise (half unit)	Gv4176
(j)	Administration and Government in New and Emergent States (half unit)	Gv4122
(k)	Introduction to Methods of Evaluation and Monitoring (half unit)	MI9000
(l)	Methods of Evaluation, Monitoring and Quality Assurance (half unit)	MI9001
(m)	Theory and Practice in Community Mental Health	SA6650
(n)	Management of Community Services for Older People	SA6651
(o)	Social Planning	SA6631
(p)	Planning of Health Services	SA6640
(q)	Personal Social Services	SA6642
(r)	Housing and Urban Planning	SA6643
(s)	Managing Economic Development	Mn8404
(t)	European Economic Development Management	Mn8405
(u)	Financial Reporting for Operational Research (half unit)	Ac2152
(v)	Quantitative Analysis in Social Research I (half unit)	MI9002
(w)	Quantitative Analysis in Social Research II (half unit)	MI9003

With the agreement of the M.Sc. in Management Convenor and the Department concerned, and subject to timetabling constraints, any other relevant paper (unit or half unit) may be substituted for one paper taken under 2 and 3.

and

II A Report of not more than 10,000 words on an approved topic.

*To be agreed. Please note that this course is strongly recommended for all students.

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of papers to the value of two whole units. The second part will consist of the remaining paper(s) and the Report. Candidates who fail may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination. (The new rubric for students who fail is awaited from Senate House but it is understood that any change will be at the discretion of the Board of Examiners).

Dates of Examinations

Written papers:	January for papers 1(a), (b), and (c)
	May - June for all others
Report:	15 September

Title of Degree

Candidates offering 1(c) and (d) will be awarded the degree of M.Sc. Management (Public Sector).

M.Sc. Management (CEMS ROUTE)

The CEMS (Community of European Management Schools) is a consortium of eleven European Management Schools of which LSE is the UK representative. The CEMS offers an additional qualification to students who complete study in required subject areas, and both a period of study and work internship in another member country. Students must also demonstrate competence in three languages. Entry onto the CEMS programme has a number of pre-requisites including undergraduate study in Economics, Maths and Statistics, Marketing and Finance. The other member organisations of CEMS are: ESADE, Barcelona; Universitat zu Koln; Universita Luigi Bocconi, Milan; Universite Catholique de Louvain; Erasmus Universiteit, Rotterdam; Copenhagen Business School; Hochschule St Gallen; Stockholm School of Economics; Wirtschaftsuniversitat Wien. Full details of the CEMS programme are available from the Interdisciplinary Institute of Management (Room N11a).

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I	Written papers to value of 3 whole units as follows:	
1	(a) Design and Management of Organisations (A) (half unit)	Mn8402
	and	
	(b) Design and Management of Organisations (B) (half unit)	Mn8403
2	Papers to the value of <i>one</i> whole unit from:	
	(a) Analysis of Strategy A* (half unit)	Mn8414
	(b) Systems Analysis and Design (half unit)	IS8307
	(c) Techniques of Operational Research (half unit)	OR8343
	(d) Decision Analysis in Theory and Practice (half unit)	OR8204
	(e) Structuring Decisions (half unit)	OR8361
	(f) Public Management Theory and Doctrine (half unit)	Mn8400
	(g) Aspects of Managing Economic Development (half unit)	Mn8406
	(h) Aspects of European Economic Development Management (half unit)	Mn8407
	(i) International Accounting (half unit)	Ac2153
	(j) Financial Reporting for Operational Research (half unit)	Ac2152
	(k) Aspects of Human Resource Management (half unit)	Mn8408
	(l) Aspects of Regional and Urban Planning - The Institutional Basis (half unit)	Mn8409
	(m) Aspects of Environmental Planning: National and Local Level Policy Implementation (half unit)	Mn8410
	(n) Marketing and Market Research Topic (half unit)	Mn8413
	(o) Quantitative Analysis in Social Research I (half unit)	MI9002
3	Courses to the value of <i>one</i> unit to be taken at one of the CEMS partner Schools.	

and

II A Report of not more than 10,000 words on an approved topic.

* To be agreed. Please note that this course is strongly recommended for all students.

Dates of Examination

Written papers: January for papers 1(a), and (b)
Examination dates for other papers are yet to be agreed

Report: 15 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Course Guide Number</i>
Mn106	Public Management Theory and Doctrine Professor C. Hood	11/ML Mn8400
Mn107	Contested Issues in Public Sector Management Mr. N. Flynn, Professor G. Jones and Dr. G. Wilson	12/LS Mn8401
Mn108	Design and Management of Organisations A Professor P. Abell	24/ML Mn8402
Mn109	Design and Management of Organisations B Dr. D. Reyniers and Dr. R. Crouchley	24/ML Mn8403
Mn110	Managing Economic Development Professor R. Bennett, Dr. I. Hamilton, Dr. A. Pratt and Dr. E. Joao	24/MLS Mn8404
Mn111	European Economic Development Management Professor R. Bennett, Dr. I. Hamilton, Dr. A. Pratt and Dr. E. Joao	24/MLS Mn8405
Mn110	Aspects of Managing Economic Development Professor R. Bennett, Dr. I. Hamilton and Dr. A. Pratt	12/ML Mn8406
Mn111	Aspects of European Economic Development Management Professor R. Bennett, Dr. I. Hamilton and Dr. A. Pratt	12/ML Mn8407

Lecture/ Seminar Number			Course Guide Number
Mn114	Marketing and Market Research - An International Perspective Dr. C. Phillips	41/MLS	Mn8411
Mn115	Marketing and Market Research: An Introduction for Post-Graduates Dr. C. Phillips	21/MLS	Mn8412
Mn116	Marketing and Market Research Topic Dr. C. Phillips	20/MS	Mn8413
Mn117	Analysis of Strategy A To be announced	12/ML	Mn8414
Mn118	Analysis of Strategy B To be announced	12/LS	Mn8415
Ac161	International Accounting Professor A. Hopwood, Dr. E. Bertero and Dr. P. Walton	10/M	Ac2153
Id112	Aspects of Human Resource Management Ms. B. Benkhoff, Dr. R. Peccei, and Dr. R. Richardson	13/ML	Mn8408
Gv492	Regional and Urban Planning - The Institutional Basis Dr. M. Hebbert	10/M	Mn8409
Gy311/	Aspects of Environmental	20/ML	Mn8410
Gy412	Planning: National and Local Level Policy Implementation Dr. Y. Rydin		

Course Guides

Mn8400/Gv4167

Public Management Theory and Doctrine

Teachers Responsible: Professor Christopher Hood, Room L203 is responsible for lectures and Dr. G. Wilson, Room A270, is responsible for seminars for M.Sc. Management students.

Course Intended for Primarily for post-graduate students. Core course for the M.Sc. Politics 6 (Public Administration and Public Policy) and the M.Sc. Management for students not taking Design &

Management of Organisations A and B core courses. Available to students from other M.Sc.s by arrangement.

Core Syllabus: The objective of the course is to explore and evaluate the main Western traditions of thought about public sector management from the eighteenth-century cameralists to present-day doctrines of 'New Public Management', and apply them to issues in contemporary management.

Course Content: 'Theory' and 'doctrine' in public sector management; 'double bind' and 'homeostatic' approaches to public sector management; 'hierarchical', 'egalitarian' and 'individualist' approaches to public sector management (comprising the cameralist tradition of state-led economic development, the utili-

tarian tradition of 'incentivization', the progressive public administration tradition of strong procedural rules and a 'Jesuitical corps' of public servants, and various socialist/egalitarian approaches to public sector management ranging from the hierarchism of the Webbs to radical egalitarian ideas of 'managing without managers'). After a survey of these historical traditions, the course examines contemporary doctrines of 'New Public Management', exploring variants, critics and alternatives to New Public Management ideas.

Reading List: J. Bendor, 'Formal Models of Bureaucracy' *British Journal of Political Science* 18 (1988); G. W. Downs & P. D. Larkey, *The Search for Government Efficiency: From Hubris to Helplessness* (1986); A. Dunsire, 'Holistic Governance' *Public Policy and Administration* 5 (1) (1990); N. Flynn, *Public Sector Management* (1992); M. Harmon & R. T. Mayer, *Organization Theory for Public Administration* (1986); C. Hood & M. Jackson, *Structure in Fives* (1983); C. Pollitt, *Managerialism and the Public Services*, 2nd edn. (1993); R. B. Saltman & C. von Otter, *Planned Markets and Public Competition* (1992); P. Self, *Administrative Theories and Politics* (1977) and *Political Theories of Modern Government* (1985).

Teaching Arrangements: The course is organized as a semester unit, running from the start of the academic session to early January. It is taught over twelve weeks, with eleven lectures and twelve seminars. Lectures will be as for Gv4167, seminars will be separate.

Pre-Requisites: None.

Examination Arrangements: The course is examined by a two-hour unseen written paper in January. Candidates must answer two questions out of approximately eight. In addition, candidates must submit one essay for assessment by the end of January. In the overall assessment for the course, the unseen examination will count as 75% of the final mark and the essay as 25%.

Mn8401

Contested Issues in Public Sector Management

Teachers Responsible: To be announced

Course Intended for Primarily for post-graduate students. Core course for M.Sc. Management students not taking Design & Management of Organisations A and B core courses. Available to students from other M.Sc.s by arrangement.

Core Syllabus: This course is devoted to examining recurring value dilemmas which arise in the context of public sector management. It builds on the main traditions of thought in the field which are introduced and discussed in 'Public Management Theory and Doctrine' (Mn8400/Gv4167) in the first semester. It is organized in three parts on a thematic basis, reflecting the three commonest clusters of values in public management. That basic trio of values - efficiency/operability, probity/accountability and resilience/robustness - have recurred in debates about public sector management ever since the subject first

came under systematic examination in modern Europe with the work of the cameralists. The aim of the course is to encourage students to step back from the specifics of current debates in public sector management to examine the underlying issues in a critical and historical perspective.

Course Content (Provisional): The course analyzes: 'dilemma' versus 'ladder of value' approaches to public sector management; 'efficiency' in public sector management as linear development or as recurring 'cargo cult'; 'Confucian' (high trust-high discretion) versus 'legalist' (low trust-low discretion) approaches to organizational design in the public sector; 'risk management' versus 'absolutist' approaches to probity and corruption in public sector organizations; 'fiduciary' versus 'agency' approaches to public service management (relating to current ideas about 'empowerment' and consumer choice); 'managerial' versus 'political' approaches to public sector accountability; the design implications of a focus on 'high reliability' in public sector organization (exploring the relevance of contemporary research on 'high-reliability organizations' and considering the literature on 'redundancy' in public sector organization); the degree to which public sector organizations can or should be designed to 'learn' from major errors and mistakes.

Reading List (provisional): P. Day & R. Klein, *Accountabilities* (1987); A. Dunsire, 'Bureaucratic Morality in the United Kingdom' *International Political Science Review* 9 (3) (1988); C. Hodgkinson, *Towards a Philosophy of Administration* (1978); C. C. Hood, 'A Public Management for All Seasons?' *Public Administration* 69 (1) (1991); F.-X. Kaufmann (Ed.), *The Public Sector: Challenges for Co-ordination and Learning* (1991); K. Kernaghan & J. W. Langford, *The Responsible Public Servant* (1990); K. H. Roberts & G. Gargano, *Managing Complexity in High Technology Organizations: Systems and People* (1989); P. Wilenski, *Public Power and Public Administration* (1986).

Pre-Requisites: This course builds directly on Mn8400/Gv4167 Public Management Theory and Doctrine. It would therefore be useful for students to have completed this course.

Teaching Arrangements: The course is organized as a semester unit, running from early February until late May. It is taught over twelve weeks, with eleven weekly lectures, eleven seminars and a concluding conference session.

Examination Arrangements: The course is examined by a two-hour unseen written paper in June. Candidates must answer two questions out of approximately eight. In addition, candidates must submit one essay for assessment by the end of June. In the overall assessment for the course, the unseen examination will count as 75% of the final mark and the essay as 25%.

Mn8402

Design and Management of Organizations A

Teacher Responsible: Professor Peter Abell

Course Intended for Core Course for M.Sc. Management students not taking Mn8400 Public Management Theory and Doctrine/Mn8401 Contested Issues in Public Sector Management. It is an essential requirement for students wishing to follow the 'CEMS' route.

Core Syllabus: The course will adopt an interdisciplinary perspective, covering ideas from economics, psychology and sociology, on the design of organisations. **Course Content:** Topics covered will be: exchange, markets and organisations; concepts of efficiency and effectiveness; the nature of hierarchy and its evolution; tools for analysing organisation structure, graph theory, introductory game theory; determinants of hierarchical shape, span depth etc; internal labour markets; control and coordination in hierarchies; risks and incentive systems; bargaining theory and processes in organisations; analysis of norms and informal structure; organisation culture; property rights and ownership and control; financial structure and ownership.

Reading List: P. Milgrom & J. Roberts, *Economics, Organisation and Management*, Prentice Hall (1992); J. B. Barney & W. G. Ouchi (Eds.), *Organisational Economics*, Jessey Bass (1986); J. Pfeffer & G. R. Salancik, *The External Control of Organisations: A Resource Dependency Perspective*, Harper Row (1978); Aoki *et al.*, *The Firm as a Nexus of Contracts*, Sage (1990); A. D. Chandler, *Scale and Scope*, Belknap Press (1990); A. D. Mueller, *The Modern Corporation* (1990).

Pre-Requisites: Students opting for this course should be aware that the material covered will presuppose a basic knowledge of statistics and mathematical analysis. Students who are unclear about whether their previous training will prove adequate should consult the course director.

Teaching Arrangements: 12 lectures and 12 classes. **Examination Arrangements:** One unseen examination of two hours held at the end of the semester. Students are to answer two questions. One essay to count for 25% of the mark.

Mn8403

Design and Management of Organisations B

Teacher Responsible: Dr. Diane Reyniers, Room N12c

Course Intended for Core Course for M.Sc. Management students not taking Mn8400 Public Management Theory and Doctrine/Mn8401 Contested Issues in Public Sector Management. It is an essential requirement for students wishing to follow the 'CEMS' route.

Core Syllabus: The course will draw on various disciplines including management science, industrial organisation and microeconomics.

Course Content: Topics covered will include: coordination, motivation, bargaining, adverse selection and moral hazard with applications to human resource management, risk sharing, corporate control and financial structures.

Reading List: P. Milgrom & J. Roberts, *Economics, Organization and Management*, Prentice Hall (1992). Additional materials (articles and case studies) will be distributed during the lectures.

Pre-Requisites: Students opting for this course should be aware that the material covered will presuppose a basic knowledge of statistics and mathematical analysis. Students who are unclear about whether their previous training will prove adequate should consult the course director.

Teaching Arrangements: 12 lectures and 12 classes. **Examination Arrangements:** One unseen examination of two hours held at the end of the semester. One essay per semester to count for 25% of the mark.

Mn8404

Managing Economic Development

Teachers Responsible: Professor R. J. Bennett, Room S407, Dr. F. E. I. Hamilton, Room S417 and Dr. A. Pratt, Room S506b

Course Intended for Primarily for students taking M.Sc. Management. Also available to other suitably qualified graduate students as permitted by the regulations for their degrees.

Core Syllabus: Analysis of the theory and practice of management of economic development focusing on response to change, stimulation of development, project management and methods of local or regional delivery.

Course Content: Semester A: This course focuses on how companies and local and regional economic development organisations respond to, manage and transmit change, and the problems of nations and local communities attracting and competing for investment. The organisations to which the course is directed are public, private and mixed public-private and voluntary sector bodies such as economic development boards, local and regional government agencies, development corporations, cooperatives and development quangos.

Topics covered include: global economic challenges to local and regional development; trade and multinationals, FDI; contracting, partnering and relationships of small and large firms; human resource strategies in organisations; human resource strategies in the local economy; venture capital and capital finance; technology transfer; small firms and management/supervisor training; infrastructure and site assembly; environmental, heritage and tourism issues; transferability. The course seeks to give an overview of the field and to develop concepts and theories of how agents and the private sector can work together in partnership, network or contract relationships.

Semester B: This course focuses on local and regional economic development project vision, design, initiations, development, implementation, finance, monitoring and evaluation. The project skills will focus on developing leadership, management of change, development of inter-agency partnering and stakeholder development. The course will have an element of technical skill development, mainly directed at taking an overview of methods available, offering a framework for choice, how they can be implemented, advantages and disadvantages, and the relationship to theory and concepts developed in Semester A. The technical skills will range widely but include SWOTs, cost-benefit analysis, goals/achievement, generation of alternatives, monitoring and evaluation, self-evaluations, self-evaluation and diagnosis, information handling, collection

and processing (including Geographical Information Systems - GIS), and impact assessment. A significant part of this course will be based on case studies which will include some practitioner presentations. A major emphasis is given to transferability of experiences.

Reading List: A. Gibb, 'The Enterprise Culture and Education', *International Small Business Journal*, 11, 3, 11-34 (1993); T. Cannon, *Enterprise: creation, development and growth*, Oxford (1991); R. Burrows (Ed.), *Deciphering the Enterprise Culture*, Routledge (1991); W. Stohr (Ed.), *Global Challenge and Local Response*, Mansell (1990); M. Porter, *The Competitive Advantage of Nations*, Macmillan (1990); T. Barnekov, R. Boyle & D. Rich, *Privatism and Urban Policy in Britain and the US*, Oxford (1989); B. M. Moriarty, *Industrial Location and Community Development*, North Carolina (1980); L. M. Cantor, *Vocational Education and Training in the Developed World*, Routledge (1989); C. Handy, *Understanding Schools as Organisations*, Penguin (1986); M. E. Bell & P. S. Laude (Eds.), *Regional Dimensions of Industrial Policy*, Lexington (1982); J. Howells, *Economic, Technological and Locational Trends in European Services*, Avebury (1988); R. Coombs, P. Saviotti & V. Walch, *Economies and Technological Change*, Macmillan (1987); P. Dicken, *Global Shift*, Paul Chapman (1986); P. Dasgupta & P. Stoneman, *Economic Policy and Technological Performance*, Cambridge (1987); D. E. Mason, *Voluntary Non-Profit Enterprise Management*, Plenum (1984); C. A. Carnall, *Managing Change in Organisations*, Prentice Hall (1990); M. Parkinson & D. Judd (Eds.), *Leadership and Urban Regeneration*, Sage (1990); A. Gibb, 'Designing effective programmes for encouraging the small business start up process', *Journal of Education and Industrial Training*, 4, 24-32; R. Rothwell & W. Zegveld, *Innovation and the Small and Medium-Sized Firm*, Frances Pinter (1982); R. J. Bennett & A. McCoshan, *Enterprise and Human Resource Development: local capacity building*, Paul Chapman (1993); N. Lichfield, P. Kettle & M. Whitbread, *Evaluation in the Planning Process*, Pergamon (1975); J. M. D. Little & J. A. Mirrlees, *Project Appraisal and Planning for Developing Countries*, Heinemann (1988); E. E. Lawler, D. A. Madler & C. Cammann, *Organisational Assessment*, Wiley (1980).

Pre-Requisites: M.Sc. Management core courses of either Design and Management of Organisations, and/or Contested Issues in Public Sector Management/Public Management Theory and Doctrine.

Teaching Arrangements: Each semester will have twelve 1-hour lectures and twelve 1.5-hour seminars.

Examination Arrangements: One unseen examination of three hours at the end of semester one, with three questions; one unseen examination of two questions at the end of semester two and one essay of 25% of the mark.

Mn8405

European Economic Development Management

Teachers Responsible: Professor R. J. Bennett, Room S407, Dr. I. Hamilton, Room S417, Dr. A.

Pratt, Room S506b and others

Course Intended for Primarily for students taking M.Sc. Management. Also available to other suitably qualified graduate students as permitted by the regulations for their degrees.

Core Syllabus: Analysis of middle-management institutional issues in Europe to stimulate the economic development of local and regional economies, focusing on management of change, stimulation of development, project management and methods of local or regional delivery (includes EEA and central Europe as well as EC).

Course Content: Semester A: This course focuses on the European network of institutions and the theoretical/conceptual base that is used to context local and regional development projects. The context of change, external stimuli, technological change, single market and European Economic Area, deregulation and subcontracting structures. Management and institutional responsibility among agents - European comparison of local and regional government, private and public sector partnership experiences, business organisations, community bodies. EC, EEA and subsidiarity; managing transition in central Europe. Management of networks and circuits, trans-border collaboration, and partnering.

Semester B: Experiences of project management in contrasted European situations: vision, design, initiation, development, implementation, finance, evaluation of projects. Focuses on single market issues, human resources in development organisations and in local economies, capital and labour mobility, technology transfer and inter-firm partnering, public procurement under EC directives, small firms management, infrastructure and local site development, environmental management issues. A significant part of this course will be based on case studies which will include some practitioner presentations.

Reading List: R. Goffee & R. Scase (Eds.), *Entrepreneurship in Europe*, Croom Helm (1987); G. Bannock & H. Albach, *Anglo-German Foundation* (1991); B. Van der Knapp & E. Wever, *New Technology and Regional Development*, Croom Helm (1987); G. Haskins, A. Gibb & Hubert, *Guide to Small Firms Assistance in Europe*, Gower (1985); B. Marin, *Governance and Generalised Exchange: self-organising policy networks in action*, Campus (1990); S. Vickerstaff (Ed.), *Human Resource Strategies in Europe* (1992); EC, *Role of Social Partners in Vocational Education and Training Survey of Member States of the EC* (1990); P. Ryan (Ed.), *International Comparisons of Vocational Education and Training for Intermediate Skills*, Falmer (1992); D. Yuill (Ed.), *Regional Development Agencies in Europe: an international comparison*, Gower (1982); D. Keeble & E. Wever (Eds.), *New Firms and Regional Development in Europe*, Croom Helm (1986); P. Cheshire & D. Hay, *Urban Problems in Western Europe: an economic analysis*, Unwin-Hyman (1989); L. Rodwin & H. Sazanami (Eds.), *Industrial Change and Regional Economic Transformation: Western Europe*, Harper Collins (1991); P. Bongers, *Local Government and 1992*, Longman (1990); R. J. Bennett (Ed.), *Local Government in the New Europe*, Belhaven (1993); R. J. Bennett & G. Krebs, *Local Economic Development: public-private partnership initiatives in Britain and Germany*, Belhaven (1991); R. J.

Bennett & A. McCoshan, *Enterprise and Human Resource Development: local capacity building*, Paul Chapman (1993).

Pre-Requisites: M.Sc. Management core courses of either Design and Management of Organisations, and/or Contested Issues in Public Sector Management/Public Management Theory and Doctrine.

Teaching Arrangements: Each semester will have twelve 1-hour lectures and twelve 1.5-hour seminars.

Examination Arrangements: One unseen examination of three hours at the end of semester one, with three questions; one unseen examination of two questions at the end of semester two and one essay of 25% of the mark.

Mn8406**Aspects of Managing Economic Development (Half-unit course)**

Teachers Responsible: Professor R. J. Bennett, Room S407, Dr. F. E. I. Hamilton, Room S417 and Dr. A. Pratt, Room S506b

Course Intended Primarily for Students taking "CEMS Route" of M.Sc. Management.

Core Syllabus: Analysis of the theory and practice of management of economic development focusing on response to change and methods of local or regional delivery.

Course Content: This course focusses on how companies and local and regional economic development organisations respond to, manage and transmit change, and the problems of nations and local communities attracting and competing for investment. The organisations to which the course is directed are public, private and mixed public-private and voluntary sector bodies such as economic development boards, local and regional government agencies, development corporations, cooperatives and development quangos.

Topics covered include: Global economic challenges to local and regional development; Trade and multinationals, FDI; Contracting, partnering and relationships of small and large firms; Human resource strategies in organisations; Human resource strategies in the local economy; Venture capital and capital finance; Technology transfer; Small firms and management/supervisor training; Infrastructure and site assembly; Environmental, heritage and tourism issues; Transferability.

The course seeks to give an overview of the field and to develop concepts and theories of how agents and the private sector can work together in partnership, network or contract relationships.

Reading List: A. Gibb, 'The enterprise culture and education', *International Small Business Journal*, 11, 3, 11-34, (1993); T. Cannon, *Enterprise: creation, development and growth*, Oxford (1991); R. Burrows (Ed.), *Deciphering the Enterprise Culture*, Routledge (1991); W. Stohr (Ed.), *Global Challenge and Local Response*, Mansell (1990); M. Porter, *The Competitive Advantage of Nations*, Macmillan (1990); T. Barnekov, R. Boyle & D. Rich, *Privatism and Urban Policy in Britain and the US*, Oxford

(1989); B. M. Moriarty, *Industrial Location and Community Development*, North Carolina (1980); L. M. Cantor, *Vocational Education and Training in the Developed World*, Routledge (1989); C. Handy, *Understanding Schools as Organisations*, Penguin (1986); M. E. Bell & P. S. Laude (Eds.), *Regional Dimensions of Industrial Policy*, Lexington (1982); J. Howells, *Economic, Technological and Locational Trends in European Services*, Avebury (1988); R. Coombs, P. Saviotti & V. Walch, *Economics and Technological Change*, Macmillan (1987); P. Dicken, *Global Shift*, Paul Chapman (1986); P. Dasgupta & P. Stoneman, *Economic Policy and Technological Performance*, Cambridge (1987); D. E. Mason, *Voluntary Non-Profit Enterprise Management*, Plenum (1984); C. A. Carnall, *Managing Change in Organisations*, Prentice Hall (1990); M. Parkinson & D. Judd (Eds.), *Leadership and Urban Regeneration*, Sage (1990); A. Gibb, Designing effective programmes for encouraging the small business start up process, *Journal of Education and Industrial Training*, 4, 24-32 (1987); R. Rothwell & W. Zegveld, *Innovation and the Small and Medium-Sized Firm*, Frances Pinter (1982); R. J. Bennett & A. McCoshan, *Enterprise and Human Resource Development: local capacity building*, Paul Chapman (1993).

Pre-Requisites: M.Sc. Management core course Design and Management of Organisations A and B.

Teaching Arrangements: Twelve 1-hour lectures and twelve 1.5-hour seminars.

Examination Arrangements: Assessment will be by unseen examination in the Lent Term. Students will be expected to answer three questions in three hours.

Mn8407**Aspects of European Economic Development Management (Half-unit course)**

Teachers Responsible: Professor R. J. Bennett, Room S407, Dr. I. Hamilton, Room S417 and Dr. A. Pratt, Room S506b

Course Intended Primarily for Students taking "CEMS Route" of M.Sc. Management.

Core Syllabus: Analysis of middle-management institutional issues in Europe to stimulate the economic development of local and regional economies, focusing on management of change, stimulation of development (includes EEA and central Europe as well as EC).

Course Content: This course focusses on the European network of institutions and the theoretical/conceptual base that is used to context local and regional development projects. The context of change, external stimuli, technological change, single market and European Economic Area, deregulation and subcontracting structures. Management and institutional responsibility among agents - European comparison of local and regional government, private and public sector partnership experiences, business organisations, community bodies. EC, EEA and subsidiarity; managing transition in central Europe. Management of networks and circuits, trans-border collaboration, and partnering.

Reading List: R. Goffee & R. Scase (Eds.), *Entrepreneurship in Europe*, Croom Helm (1987); G. Bannock & H. Albach, *Small Business Policy in Europe*, Anglo-German Foundation (1991); B. Van der Knapp & E. Wever, *New Technology and Regional Development*, Croom Helm (1987); G. Haskins, A. Gibb & Hubert, *Guide to Small Firms Assistance in Europe*, Gower (1985); B. Marin, *Governance and Generalised Exchange: self-organising policy networks in action*, Campus (1990); S. Vickerstaff (Ed.), *Human Resource Strategies in Europe* (1992); EC, *Role of Social Partners in Vocational Education and Training Survey of Member States of the EC* (1990); P. Ryan (Ed.), *International Comparisons of Vocational Education and Training for Intermediate Skills*, Falmer (1992); D. Yuill (Ed.), *Regional Development Agencies in Europe: an international comparison*, Gower (1982); D. Keeble & E. Wever (Eds.), *New Firms and Regional Development in Europe*, Croom Helm (1986); P. Cheshire & D. Hay, *Urban Problems in Western Europe: an economic analysis*, Unwin-Hyman (1989); L. Rodwin & H. Sazanami (Eds.), *Industrial Change and Regional Economic Transformation: Western Europe*, Harper Collins (1991); P. Bongers, *Local Government and 1992*, Longman (1990); R. J. Bennett, (Ed.), *Local Government in the New Europe*, Belhaven (1993); R. J. Bennett & G. Krebs, *Local Economic Development: public-private partnership initiatives in Britain and Germany*, Belhaven (1991); R. J. Bennett & A. McCoshan, *Enterprise and Human Resource Development: local capacity building*, Paul Chapman (1993).

Pre-Requisites: M.Sc. Management core course Design and Management of Organisations A and B.

Teaching Arrangements: Twelve 1-hour lectures and twelve 1.5-hour seminars.

Examination Arrangements: Assessment will be by unseen examination in the Lent Term. Students will be expected to answer three questions in three hours.

Ac2153**International Accounting (Half-unit course)**

Teacher Responsible: Professor A. G. Hopwood, Room A384

Course Intended Primarily for Students taking the "CEMS Route" of the M.Sc. Management.

Core Syllabus: The course aims to provide a review of the international dimensions of accounting. Comparative aspects are also emphasised.

Course Content: The impact of social and cultural variables on accounting. Comparative aspects of accounting. Accounting in Europe, the Soviet Union, Japan and the Third World. Comparative strategies for accounting policy making and regulation. The international standardization of accounting. Financial and management accounting issues in multinational companies. Comparative management accounting and organizational control systems.

Pre-Requisites: Undergraduate level knowledge (or equivalent) of Accounting and Finance (for example, a good grade in AC1000 Elements of Accounting & Finance)

Teaching Arrangements: Ten meetings of two and a half hours in the Michaelmas Term.

Reading List: H. P. Holzer (Ed.), *International Accounting*, Harper and Row (1984); A. G. Hopwood, *International Pressure for Accounting Change*, Prentice-Hall (1989); C. W. Nobes & R. H. Parker, *Comparative International Accounting*, 3rd edn, Prentice-Hall (1991); J. Samuels & A. Piper, *International Accounting: A Survey*, Croom-Helm (1985).

Examination Arrangements: Assessment is determined by an essay of approximately 5,000 words.

Mn8408**Aspects of Human Resource Management (Half-unit course)**

Teacher Responsible: Dr. R. Richardson, Room H711

Course Intended Primarily for Students taking the "CEMS Route" of the M.Sc. Management.

Core Syllabus: The course considers the policies that organisations adopt in order to deal with a range of manpower problems.

Course Content: Problems of specifying the objectives, both underlying and operational, of manpower policies. The problems surrounding issues such as recruitment and selection, training and development, appraisal, securing commitment, control and incentive systems. Strategies of manpower policy. The role of the personnel manager. Internal labour markets and labour market segmentation. Manpower planning models.

Teaching Arrangements: There are 26 hours of lectures given by Ms. B. Benkhoff, Dr. Riccardo Peccei and Dr. Ray Richardson, and 9 hours of classes.

Reading List: There is no text book covering the range of material presented. However, students are advised to make extensive use of R. Steers & L. Porter (Eds.), *Motivation and Work Behaviour*, 5th edn, McGraw-Hill.

Examination Arrangements: Assessment in the paper is determined by performance in a two hour examination in which the candidate is expected to answer two from approximately six questions.

Mn8409**Regional and Urban Planning - The Institutional Basis (Half-unit course)**

Teacher Responsible: Dr. Michael Hebbert

Course Intended Primarily for Students taking "CEMS Route" of M.Sc. Management

Core Syllabus: This course examines the political and policy processes involved in urban and regional planning focusing particularly on how the institutions and administrative technologies available contribute to or constrain the achievement of planning objectives. The social and political conflicts surrounding planning issues are explored.

Course Content: The course examines the urban context of planning, focusing on political economy

approaches and looking also at major approaches to public policy as a background.

Pre-Requisites: M.Sc. Management core course Design & Management of Organisations A and B.

Teaching Arrangements: Ten 1-hour lectures and ten 1 1/2-hour seminars.

Reading List: P. Dunleavy, *Urban Political Analysis*; T. Gurr & D. King, *The State and the City*; H. Logan & H. Molotch, *Urban Fortunes: The Political Economy of Place*; L. J. Sharpe, *Decentralist Trends in Western Democracies*; B. Hogwood & M. Keating, *Regional Government in England*; M. Derthick, *Between State and Nation*; *Regional Organization in the US*; S. Tarrow et al., *Territorial Politics in Industrial Nations*.

Examination Arrangements: Assessed essay in the middle of the Lent Term.

Mn8410

Aspects of Environmental Planning: National and Local Level Policy Implementation (Half-unit course)

Teacher Responsible: Dr. Yvonne Rydin, Room S413

Course Intended Primarily for Students following the "CEMS Route" of the M.Sc. Management.

Core Syllabus: Analysis of the policy process and policy instruments of environmental management together with examination of environmental management practice in relation to selected policy issues.

Course Content: Analysis of the main policy instruments available in environmental management, from a theoretical and practical viewpoint; consideration of environmental management in practice in selected areas including urban planning, wildlife conservation, waste management, energy production and consumption, and other topics of concern to the seminar group.

Pre-Requisites: M.Sc. Management core course Design and Management of Organisations A and B.

Teaching Arrangements: Twenty 1-hour lectures and 5 1 1/2-hour seminars.

Reading List: No single book or even a small group of books covers the material adequately. Reading lists are provided for the lecture course and for each seminar topic. Basic reading material includes: T. Elkin et al., *Reviving the City*, 1990; A. Dobson, *A Green Reader*, 1991; D. Pearce et al., *Blueprint for a Green Economy*, 1990; P. Kemp & D. Wall, *A Green Manifesto*, 1990; J. Fernie & A. Pitkethly, *Resources*, 1985; J. Rees, *Natural Resources*, 1990.

Examination Arrangements: Assessment is by two-hour examination in the Lent Term. It is expected that students will be asked to answer two out of approximately six questions.

Mn8411

Marketing & Market Research: An International Perspective

Teacher Responsible: Dr. Celia Phillips, Room S266

Course Intended Primarily for M.Sc. Management students.

Core Syllabus: This course aims to provide the Management postgraduate students with an overview of the Marketing process and an introduction to the research skills needed in this area.

Course Content: The course has 2 parts: (1) A lecture programme on marketing methods and (2) an opportunity for students to carry out their own research project. The lectures for the first part of the course are as for course ST222 Marketing and Market Research. In the second part of the course students will use the techniques discussed in SM222 to develop their ideas and technical capacity in an area connected with Marketing. They will be expected to demonstrate an understanding of social research methodology and present their work in class in the Summer Term. The course is given a strong international perspective throughout by the use of European case studies. Comparisons are also made between North American, European and UK-type practices where they exist, and the place of Market Research in marketing in different cultures.

Pre-Requisites: Students must have previously studied statistics for one year. Students without the required background may be admitted to the course by the special agreement of Dr. Celia Phillips.

Teaching Arrangements: Lecture programme: 20 hours of lectures (SM222) in the Michaelmas, Lent and Summer Terms (2 hours lectures per week for the first 5 weeks of Michaelmas Term), and 10 hours classes in the Lent Term. Research topic: 10 hours workshops in Michaelmas Term and 10 hours workshops in Summer Term, during which students will be expected to give their presentations, 5 hours lectures in Michaelmas Term.

Reading List: No one book covers the entire syllabus. Students are however advised to purchase: T.C. Kinnear & J. R. Taylor, *Marketing Research: An Applied Approach* (available in paperback).

Books which students may wish to consult include: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; R. W. Worcester & J. Downham (Eds.) *Consumer Market Research Handbook*.

Examination Arrangements: The course will be examined by 2 hour unseen written paper in the Summer Term (50%). In addition students will be required to give project presentations in the Summer Term (50%).

Mn8412

Marketing & Market Research: An Introduction for Post-Graduates

Teacher Responsible: Dr. Celia Phillips, Room S266

Course Intended Primarily for M.Sc. Management students + M.Sc. Politics and the Media students. Students from other M.Sc. programmes may also be admitted with the agreement of their department.

Core Syllabus: The course provides an overview of marketing and market research topics and techniques. Examples will be taken from students' areas of study interest.

Course Content: Marketing information systems. Problem formulation and research designs for market

and opinion research. Random sampling and statistical inference; stratification, clustering, multistage, multiphase, and area sampling. Sampling frames and non-response. Quota sampling. Data collection methods; interviews, mail questionnaires, observation, panel studies, retail audits and some more qualitative methods. Attitude measurement, Causal designs. Demand forecasting, test marketing, product tests, advertising and public opinion research.

Pre-Requisites: Students must have previously studied statistics for one year. Students without the required background may be admitted to the course by special agreement of Dr. Celia Phillips.

Teaching Arrangements: Lectures (ST222): 21 hours in Michaelmas, Lent and Summer Terms, 10 hours classes in Lent Term.

Reading List: No one book covers the entire syllabus. Students are however advised to purchase: T.C. Kinnear & J. R. Taylor, *Marketing Research: An Applied Approach* (available in paperback).

Books which students may wish to consult include: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; R. W. Worcester & J. Downham (Eds.) *Consumer Market Research Handbook*; Jordi Montana (Ed.) *Marketing in Europe: Case Studies*.

Examination Arrangements: Students will be assessed by 2-hour unseen examination in the Summer Term.

Mn8413

Marketing & Market Research Topic

Teacher Responsible: Dr. Celia Phillips, Room S266

Course Intended Primarily for M.Sc. Management students.

Core Syllabus: This course is designed for students who have followed an introductory course in the Marketing and Marketing Research area and wish to develop their research skills in this area.

Course Content: Students will use the techniques they have acquired in previous Marketing and Marketing Research courses to develop their ideas and technical capacity in an area connected with Marketing. They will be expected to demonstrate an understanding of Social Research Methodology and present their work in class in the Summer Term.

Pre-Requisites: Students must have previously taken either SM7231 Marketing and Marketing Research or Mn7403 International Marketing and Market Research.

Teaching Arrangements: There will be 20 hours of Workshops in the Michaelmas Term; students will also be required to attend 5 of the technical lectures for course SM222 Marketing and Market Research during Michaelmas Term; 10 hours workshops in Summer Term, during which students will be expected to give their presentations.

Reading List: No one book covers the entire syllabus. Students are however advised to purchase: T. C. Kinnear & J. R. Taylor, *Marketing Research: An Applied Approach* (available in paperback).

Books which students may wish to consult include: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*; R. W. Worcester & J. Downham

(Eds.) *Consumer Market Research Handbook*; Jordi Montana (Ed.) *Marketing in Europe: Case Studies*.

Examination Arrangements: Students will be assessed on a project presentation given in the Summer Term.

Mn8414

The Analysis of Strategy A

Teacher Responsible: To be announced

Course Intended Primarily for M.Sc. Management students (both streams).

Please note that this is a provisional course guide. The course and its content is yet to be approved.

Core Syllabus: The aim of the course is to provide students with the skills to analyze complex strategic situations. The course will not follow the standard format of many 'Strategic Analysis' courses offered as a part of an MBA. Rather it will place strategic problems within various analytical frameworks, seeking a deeper understanding. It contributes to the interdisciplinary nature of the MSc Management.

Course Content: (1) Comprehensive lists, drawn from basic economics, exemplified by Michael Porter. List can be either helpful, or unhelpful, but they do not constitute theory. It is anticipated that about 7 lectures and classes will be devoted to the usefulness (or otherwise) of Porter's lists. (2) The behavioural school, or which Mintzberg is the principal exponent, argues that the rationalist approach is not seriously tenable, and that strategies should be allowed to emerge from within organisations. About 5 lectures and classes will be devoted to the very eclectic writings of the behavioural strategists, who come to almost nihilistic conclusions about strategy.

Teaching Arrangements: The Analysis of Strategy (A) is the first semester of the course. There will be 12 one-hour lectures and 12 one-hour seminars in the Michaelmas and Lent terms.

General Reading: J. Kay, *Foundations of Corporate Success*, OUP, 1993; M. E. Porter, *Competitive Advantage, Creating and Sustaining Superior Performance*, Free Press, 1980; M. E. Porter, *Competition in Global Industries*, Harvard Business School, 1986; E. F. Wolstenholme, *System Enquiry*, Wiley, 1990; K. Binmore, *Fun and Games*, Heath, 1992.

Examination Arrangements: The course will be examined by one three-hour unseen paper, taken in the Lent Term.

Mn8415

The Analysis of Strategy B

Teacher Responsible: To be announced

Course Intended Primarily for M.Sc. Management students (both streams)

Please note that this is a provisional course guide. The course and its content is yet to be approved.

Core Syllabus: The aim of the course is to provide students with the skills to analyze complex strategic situations. The course will not follow the standard format of many 'Strategic Analysis' courses offered

as a part of an MBA. Rather it will place strategic problems within various analytical frameworks, seeking a deeper understanding. It contributes to the interdisciplinary nature of the M.Sc. Management.

Course Content: The course will build upon the material covered in **Analysis of Strategy (A)**, and topics will include: (1) An intellectually robust critique of both the Porter and Mintzberg approach is provided by John Kay's *Foundations of Corporate Success*. He argues that successful strategies must by definition be unique, and he puts forward a theory of corporate success based on the idea that firms must develop distinctive capabilities (i.e. non-replicable sources of competitive advantage) to survive. The thesis draws heavily on agency theory and the new institutional economics. About 6 lectures and classes will be devoted to John Kay's theses, and the intellectual foundations upon which it is based. (2) Game Theory - Real strategic problems (outplaying a competitor who is trying to outplay you) are best illustrated by reference to games, and about 6 lectures and

classes will focus on describing some of the most well known strategies in game theory.

Most Business Strategy courses are confined to Porter and Mintzberg, but by extending the course to include John Kay's theses and some game theory students should be able to appreciate how serious the absence of theory is, and how it might be developed.

Teaching Arrangements: **The Analysis of Strategy (A)** is the second semester of the course. There will be 12 one-hour lectures and 12 one-hour seminars in the Lent and Summer terms.

Reading List: J. Kay, *Foundations of Corporate Success*, OUP, 1993; M. E. Porter, *Competitive Advantage, Creating and Sustaining Superior Performance*, Free Press, 1980; M. E. Porter, *Competition in Global Industries*, Harvard Business School, 1986; E. F. Wolstenholme, *System Enquiry*, Wiley, 1990; K. Binmore, *Fun and Games*, Heath, 1992.

Examination Arrangements: The course will be examined by one three-hour unseen paper, taken in the Summer Term.

M.Sc. Mathematics

Additional Entry Qualifications

A candidate for registration will normally be expected to have obtained a B.Sc. with First or Second Class honours, or an equivalent qualification, with Mathematics (or an appropriate branch of Mathematics) as a main field of study. In certain cases, qualifications in other subjects may be acceptable, for example, a First or Second Class Honours degree in Physics or Astronomy.

Curriculum

1. Candidates are required to follow a number of lecture courses and to work on a project. The project shall be approved by the student's Head of Department on behalf of the University. It need not be connected with any of the courses taken.
2. The combination of courses to be offered by a student for examination must be approved by the University through the student's Head of Department. This is an intercollegiate degree, the courses may not overlap in any important respect and together must form a coherent curriculum.
3. A candidate may enter for the examination only in examinable courses listed in the booklet entitled 'Advanced and Postgraduate Lectures in Mathematics', (a copy of which may be obtained from the Secretary of the Mathematics Sub-department). The School's contribution is chiefly in the areas of discrete and applicable mathematics, including operational research.
4. The detailed regulations on the numbers of courses to be taken are set out in the booklet referred to in the previous paragraph.

Duration of Course of Study

For a suitably qualified student, not less than one calendar year of full-time study or not less than two years of part-time study. If a qualifying examination is prescribed, the prescribed period of study for the M.Sc. will only commence after the student has satisfied the qualifying conditions. In some cases candidates may be registered for a course of two calendar years of full-time study with a qualifying examination of the standard described above at the end of the first year.

Examination

Each course is examined separately and the examination is normally by a written paper. Candidates are required to submit a report based on their project. The examiners may hold an oral examination.

A student following a part-time course may either (a) on completion of his course enter for the examination or (b) enter on two occasions (at the end of appropriate academic years) for examination on any of the approved courses completed, provided that the total number of courses examined is the same as is required for the whole examination. Under (b) the first examination shall consist of at most 2 course-units, including at least $\frac{1}{2}$ course-unit at the postgraduate level.

No candidate may submit a report until after sitting all the course examinations.

Dates of Examination

Course examinations: the last week of May and the month of June.
Report: by 10 September.

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
MA105	Theory of Graphs Professor N. L. Biggs	20/L	SM7064; SM8004
MA120	Game Theory I Professor S. Alpern	20/M	SM7025; SM7026; SM8002
MA121	Game Theory II To be announced	20/L	SM7025; SM8003
MA131	Measure, Probability and Integration (Not available 1994-95) Dr. E. Boardman	45/MLS	SM7061; SM8005
OR132	Combinatorial Optimization Dr. B. Shepherd	18/L	SM7067; SM8346
MA134	Complexity Theory Dr. B. Shepherd	20/M	SM7065; SM8006
MA198	Computational Learning Theory Dr. M. Anthony	20/L	SM198
MA199	Discrete Mathematics Research Seminar Dr. B. Shepherd	30/MLS	SM199

Course Guides

MA198 Computational Learning Theory (Half unit course)

Teacher Responsible: Dr. M. Anthony, Room S467
Course Intended Primarily for M.Sc. Mathematics (Intercollegiate), M.Sc. in Information Processing and Neural Networks (Kings).

Core Syllabus: Computational Learning Theory may be described as the study of how a machine can acquire knowledge without explicit programming. This course is intended to introduce the main ideas at a level suitable for post-graduate students.

Course Content:

1. Concepts, Hypotheses, Learning Algorithms
 2. Learning Boolean Formulae
 3. Probabilistic Learning
 4. Consistent Algorithms and Learnability
 5. Practical Considerations
 6. Growth Functions and the VC Dimension
 7. VC Dimensions and Learnability
 8. Linear Threshold Networks
- Pre-Requisites:** Students should have a good general knowledge of mathematics, such as might be obtained from a degree course in mathematics, computing, or a scientific subject (including economics).
- Teaching Arrangements:** 20 lectures in the Lent Term.
- Examination Arrangements:** M.Sc. students will take a written examination paper in the Summer Term.

MA8002
Game Theory I (Half unit course)
See MA7026

MA8006
Complexity Theory
See MA7065

MA8004
Theory of Graphs
See MA7064

OR8346
**Combinatorial Optimization (Half unit
course)**
See OR7067

MA8005
Measure, Probability and Integration
See MA7061

Operational Research

M.Sc. Decision Sciences

Additional Entry Qualifications

Students will require knowledge of mathematics and statistics to the level of Quantitative Methods (ST7203). A student who applies without previous study of one or more of these subjects to an appropriate level may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One year. *Part-time:* At least two academic years.

Examination

Students are required to be examined on courses to a total of four units as detailed below. All courses are half-units unless specified to the contrary. The examination for each half-unit will normally be by means of a two- or three-hour unseen examination paper. In addition, course work may also be assessed. (Applied Decision Sciences, Computer Modelling in Operational Research, and Intelligent Knowledge Based Systems are examined entirely by means of essays and project reports.)

Paper Number	Paper Title	Course Guide Number
I. Compulsory courses:		
1. & 2.	Decision Analysis in Theory and Practice (1 unit)	ST8204
3.	Structuring Decisions	OR8361
4.	Advanced Topics in Decision Analysis	OR8375
5. & 6.	Applied Decision Sciences (1unit)	OR8376
II. Courses totalling two half-units selected from the following:		
1.	Game Theory I	MA8002
2.	Techniques of Operational Research	OR8343
3.	Intelligent Knowledge Based Systems	IS8323
4.	Computer Modelling in Operational Research	OR8345
5.	Information Systems Management	IS8309
6.	Decision Making and Decision Support Systems	Ps6419
7.	Introduction to Organisational Analysis	Id4204
8. & 9.	Any other course(s) approved by the student's tutor. (Students who wish to take a paper organically connected with Decision Sciences but not in the above list will be able to do so, providing the necessary teaching and examining arrangements can be made)	

Not all the courses listed in Part II will necessarily be available every year. Students who have already covered material comparable to that in I.1 and I.2 will normally be required to replace them with courses listed in II.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of papers to the value of 1.5 units taken after the completion of the corresponding courses. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course.

Additional Information

The course is an intensive 12 month course. Students will be expected to do some work during both the Christmas and Easter vacations.

Applied Decision Sciences (I.5 and I.6 in the regulations) is an extended practical project. Students will be introduced to their project during the Lent Term (January to March), and will work intensively on it through the summer months. The project report deadline is September 1.

Examinations of formally taught topics will occur during the period from early May to late June. Part-time students should not accept any work commitments which could conflict with examination schedules.

In order to pass a course, a genuine attempt at all parts of the examination must be made: in particular all the required pieces of coursework must be submitted. It is possible to obtain the M.Sc. without passing every course, but students should note that a bad failure in a compulsory course (I.1 to I.6) may lead to overall failure.

Dates of Examination

Written papers	May-June
Report	1 September

M.Sc. Operational Research

Additional Entry Qualifications

A knowledge of mathematics and statistics to the level of Mathematical Methods and Elementary Statistical Theory in Part I of the B.Sc. (Econ.) will be assumed. A student who applies without previous study of one or more of these subjects to an appropriate level may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Students are required to be examined on courses to a total of four units, as detailed below. All courses are half-units unless specified to the contrary. The examination for each half-unit will normally be by means of a two or three hour unseen examination paper. (Courses I.2, I.3, I.4&5, II.5, II.6, II.10, II.12 and II.13 are examined by means of essays and project reports.) In addition, coursework may also be assessed.

Paper Number	Paper Title	Course Guide Number
I. Compulsory courses:		
1.	Techniques of Operational Research	OR8343
2.	Operational Research in Context	OR8344
3.	Computer Modelling in Operational Research	OR8345
4.&5.	Applied Operational Research (one unit)	OR8363/4
II. Courses totalling three half-units, of which at least one must be from subjects II.1 to II.13.		
1.	Mathematical Programming 1	OR8354
2.	Mathematical Programming 2 (if II.1 is also taken)	OR8355
3.	Combinatorial Optimisation	OR8346
4.	Advanced Operational Research Techniques	OR8347
5.	Applied Statistics (Students who specialised in Statistics in their first degree should <i>not</i> choose this paper)	ST8360
6.	Further Simulation	ST8348
7.	Topics in Decision Analysis	ST8205
8.	Structuring Decisions	OR8361

Paper Number	Paper Title	Course Guide Number
9.	Transport Models	OR8356
10 & 11.	Public Policy Analysis (one unit)	OR8359
12.	Operational Research in Less Developed Countries	OR8367
13.	Advanced Topics in Operational Research	OR8362
14.	Basic Time Series and Stochastic Processes	ST8263
15.	Surveys and Market Research Methods	ST8261
16.	Introduction to Organisational Analysis	Id4204
17.	Financial Reporting for Operational Research	Ac2152
18.	Systems Analysis and Design	IS8307
19.	Information Systems Development Methodologies	IS8310
20 & 21.	Any other subject(s) approved by the student's teachers (Students who wish to take a paper organically connected with OR but not in the above list will be able to do so, providing the necessary teaching and examining arrangements can be made)	

Not all the courses listed in Part II will necessarily be available every year. Students who have already covered material comparable to that in I.1 or in I.3 will normally be required to replace them with courses listed in (II). Where the exemption is from course I.1, the normal requirement will be that it is replaced by an additional option drawn from courses II.1 to II.13. Overall at least two whose evaluation is based primarily on unseen written examination papers must be taken.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of papers to the value of 1.5 units taken after the completion of the corresponding courses. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course.

Additional Information

The course is an intensive 12 month course. Students will be expected to work during both the Christmas and Easter vacations, and must stay in London for most of the Christmas vacation to work on a group project.

Applied Operational Research (I.4 and I.5 in the regulations) is an extended practical project normally carried out with and for an external organisation. Students will be introduced to their projects during the Lent Term (January to March), and will work intensively on it from May through the summer months. The project report deadline is September 1.

Examinations of formally taught topics will occur during the period from early May to late June. Part-time students should not accept any work commitments which could conflict with examination schedules.

Dates of Examination

Written papers	May-June
Report	1 September

M.Sc. Operational Research and Information Systems

Additional entry Qualifications

A knowledge of mathematics and statistics to the level of Mathematical Methods and Elementary Statistical Theory in Part I of the B.Sc. (Econ.). A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One calendar year. Part-time: At least two calendar years.

Examination

Students are required to be examined on courses to a total of four units as detailed below.

All courses are half units unless specified to the contrary. The examination for each half-unit will be normally by means of a two or three-hour unseen examination paper or, for courses 2, 3, 4 and 7 & 8, by essays and project work. In addition coursework may also be assessed. At least six hours of unseen written examinations must be taken.

Paper Number	Paper Title	Course Guide Number
1.	Techniques of Operational Research	OR8343
2.	Operational Research in Context	OR8344
3.	Computer Modelling in Operational Research	OR8345
4.	Aspects of Information Systems	IS8308
5.	Systems Analysis and Design	IS8307
or		
	Information Systems Development Methodologies	IS8310
6.	Information Systems Development Methodologies (if not taken under 5 above)	IS8310
or		
	Intelligent Knowledge Based Systems	IS8323
or		
	Information Systems Management	IS8309
7&8.	Applied Operational Research and Information Systems (one unit)	OR8366

Students who have already covered material comparable to that in Papers 1 or 3 will be required to replace them, under the guidance of their teachers, with additional choices from the available masters level operational research courses taught in the School.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of three taught half units, and will be taken after the completion of courses of those subjects. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course.

Dates of Examination

Written papers	May - June
Applied project report	1 September

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
OR239	Behavioural Decision Theory Dr. L. D. Phillips	10/M ST8204
OR241	Decision Analysis in Practice Dr. L. D. Phillips	10/L ST8204;

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
OR350	Operational Research Methodology Professor J. Rosenhead	10/ML	OR8342; OR8344
OR351	Basic Operational Research Techniques To be arranged	18/M	OR8342; OR8343
OR352	Advanced Operational Research Techniques Dr. J. V. Howard and to be arranged	18/L	OR8347
OR353	Basic Mathematical Programming Dr. G. Appa	9/M	OR8342; OR8345
OR354	Mathematical Programming I Dr. S. Powell and Dr. G. Appa	18/ML	OR8354
OR355	Mathematical Programming II Dr. S. Powell and Dr. G. Appa	17/L	OR8355
OR356	Graph Theory Dr. B. Shepherd	9/M	OR8345; OR8354
OR357	Applied Statistical and Forecasting Techniques for O. R. Dr. J. V. Howard	9/M	OR8342; OR8343
OR358	Selected Topics in O. R. Dr. G. Appa, Dr. J. V. Howard, Dr. S. Powell, Professor J. Rosenhead, Dr. B. Shepherd and to be arranged	13/ML	OR8342; OR8344
OR359	O. R. Tutorial To be arranged	5/M	OR8342; OR8344
OR366	Economics for Operational Research To be arranged	5/M	OR8344; OR8356
OR368	Workshop in Simulation Mr. D. W. Balmer	10/M	OR8345; ST8349
OR373	Workshop in Computer Software To be arranged	6/M	OR8345; ST8349
OR374	Further Simulation Mr. D. W. Balmer	10/L	OR8348

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
OR377	Pascal Programming week preceeding Michaelmas	5/M+ OR8342	OR8345;
OR379	Operational Research in Transport Dr. S. Powell	14/ML	OR8356
OR380	Applied Operational Research and Information Systems Dr. G. Appa	25/MLS	OR8366
OR383	Applied Operational Research Dr. G. Appa	25/MLS	OR8363; OR8364
OR386	Strategic Planning and Management Mr. J. Hargreaves	8/L	OR8344
OR387	Transport Economics for Operational Research To be arranged	10/L	OR8356
OR388	Planning Theory Professor J. Rosenhead	7/L	OR8361
OR389	Problem and Decision Structuring Methods Professor J. Rosenhead	20/ML	OR8361
OR390	Operational Research in Less Developed Countries Dr. G. Appa and Professor J. Rosenhead	15/ML	OR8367
OR395	Advanced Topics in O. R. (Not available 1994-95) Professor J. Rosenhead	15/ML	OR8362
OR400	Advanced Topics in Decision Analysis Dr. L. Phillips	20/L	OR8375
OR401	Applied Decision Sciences Dr. L. Phillips	20/MLS	OR8376

Course Guides**OR8342****Operational Research Techniques and Applications**

Teacher Responsible: Professor J. Rosenhead, Room S114

Course Intended Primarily for M.Sc. Accounting and Finance.

Core Syllabus: The course gives an introduction to the methodology and theoretical techniques of Operational Research.

Course Content: Operational Research Methodology (OR350): The practice and context of operational research - how they affect each other. Topics covered range from problem formulation and model building through to the scientific status of O.R., and to whether O.R. workers are professionals.

Basic Operational Research Techniques (OR351): An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming, markov chains, game theory and mathematical programming.

Basic Mathematical Programming (OR353): Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs; interpretation of the solutions; limitations of such models.

Applied Statistics and Forecasting Techniques for Operational Research (OR357): Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.

Selected Topics in Operational Research (OR358): Each week an invited speaker presents illustrations of the practical applications of O.R. in industry or a public institution.

Operational Research Tutorial Class (OR359): Students will be given an O.R. problem to be solved in groups of four students. The problem requires the application of commonsense and the use of some of the skills learnt during the course in order to produce a group report by the beginning of the Lent Term. There will be two presentation sessions, one at the end of the Michaelmas Term and one at the beginning of the Lent Term.

Pascal Programming (optional) (OR377): The syntax of the Pascal programming language.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers **Quantitative Methods and Elementary Statistical Theory**.

Teaching Arrangements:

OR350 10 x 1½ Michaelmas and Lent Terms

OR351 18 Michaelmas Term, OR351(a) 18 Michaelmas Term

OR353 9 Michaelmas Term, OR353(a) 9 Michaelmas Term and 10 x 2 computer workshop hours

OR357 9 Michaelmas Term, OR357(a) 5 Michaelmas Term

OR358 13 x 1½ Michaelmas and Lent Terms.

OR359 2 x 5 Michaelmas and Lent Terms.

OR377 26 - 29 September and 5 Michaelmas Term.

Reading List: Recommended books are:

H. G. Daellenbach, J. A. George & D. C. McNickle, *Introduction to Operations Research Techniques*

(Allyn and Bacon) or A. Ravindran, D. T. Phillips & J. J. Solberg, *Operations Research*, Wiley & Sons; H. P. Williams, *Model Building in Mathematical Programming* (Wiley, 1990 3rd edition, available in paperback); T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics* (Wiley & Sons, 1990).

Examination Arrangements: A single three-hour examination is held near the end of the Summer Term. The examination covers the syllabus for the two courses, **Basic Operational Research Techniques and Applied Statistics and Forecasting Techniques for O.R.**

The paper contains seven questions, sampled from the two lecture courses. Five of these questions must be attempted. It is important to attempt five questions; only the best five answers will be counted, and one fifth of the marks is available for each of these five questions. On the other hand, it is not necessary to answer fully all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available.

45% of the total assessment of the course is based on the examination paper - the other 55% is awarded as follows:

20% for the report and presentation mentioned above under **Operational Research Tutorial Class**;

20% for an essay on a subject based on the **Operational Research Methodology** lecture course;

15% for written work from the **Mathematical Programming Course**.

Written work is marked on presentation as well as on content. Students should not assume that a bad performance in any part of the written work can necessarily be compensated by good performance in the examination or vice versa.

OR8343**Techniques of Operational Research (Half-unit course)**

Teacher Responsible: Dr J. Howard, Room S209

Course Intended Primarily for M.Sc. Operational Research; M.Sc. Analysis, Design and Management of Information Systems; M.Sc. Operational Research and Information Systems.

Core Syllabus: The course is compulsory for most M.Sc. Operational Research students and gives an introduction to the theoretical techniques of Operational Research.

Course Content: Basic Operational Research Techniques (OR351): An introduction to stock control, scheduling, queueing theory, replacement; critical path analysis, dynamic programming, markov chains, game theory and mathematical programming.

Applied Statistics and Forecasting Techniques for Operational Research (OR357): Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Quantitative Methods and Elementary Statistical Theory**.

Teaching Arrangements:

OR351 18 Michaelmas Term

OR351(a) 18 Michaelmas Term

OR357 9 Michaelmas Term

OR357(a) 5 Michaelmas Term

Reading List: Recommended books are: H. G. Daellenbach & J. A. George, *Introduction to Operations, Research Techniques*, Allyn and Bacon, 1978; A. Ravindran, D. T. Phillips & J. J. Solberg, *Operations Research*, Wiley & Sons, 1987; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics*, Wiley & Sons, 1990.

Students may also wish to consult: R. L. Ackoff & M. W. Sasieni, *Fundamentals of Operations Research*; F. S. Hillier & G. J. Lieberman, *Operations Research*; H. M. Taylor & S. Karlin, *An Introduction to Stochastic Modelling*.

Examination Arrangements: A single three-hour examination is held near the end of the Summer Term. The paper contains seven questions, sampled from the two lecture courses. Five of these questions must be attempted. It is important to attempt five questions: only the best five answers will be counted, and one fifth of the marks is available for each of these five questions. On the other hand, it is not necessary to answer fully all parts of a questions to obtain a reasonable mark on it. Copies of previous years' papers are available.

OR8344**Operational Research In Context (Half unit course)**

Teacher Responsible: Professor J. Rosenhead, Room S114

Course Intended Primarily for M.Sc. Operational Research, for which this constitutes a compulsory half-unit paper.

Core Syllabus: This course is designed to complement the theoretical emphasis of **Techniques of Operational Research OR8343**. The intention is firstly to give students an appreciation of the non-technical factors which enter into the successful execution of an operational research study - by means of case study presentations, a discussion of methodological issues, and an experience of 'practical' project work. Secondly the course provides an introduction to several other disciplines which are very relevant to the practice of Operational Research.

Course Content:

Operational Research Methodology (OR350): The practice and context of operational research - how they affect each other. Topics covered range from problem formulation and model building through to the scientific status of O.R. and to the nature of OR's social responsibility. The course is taught by a mixture of presentations by the lecturer and by groups of students. The approach of the course is critical - students will be encouraged to re-examine cherished assumptions, and debate their validity.

Selected Topics in Operational Research (OR358): A series of invited speakers present practical illustrations of O.R. in business or in public agencies.

Operational Research Tutorial Class (OR359): Students will be given an O.R. problem to be solved in groups of about four students. The problem

requires the application of commonsense and the use of some of the skills learnt during the course in order to produce a group report by the end of the first week of the Lent Term. A one day session will be held during the last week of the Michaelmas Term on presentation skills, and there will be a session in the second week of the Lent Term at which each student group will make a presentation of its report to the other students and the O.R. staff.

Financial Reporting and Management (Ac170): An overview of management accounting.

Strategic Planning and Management (OR386) Mr. J. Hargreaves: The competitive environment; technological forecasting and futures studies; strategic management; strategic formulation; organizational structure and strategy; implementation of strategy.

Information Systems Issues (IS365) Dr. A. Cornford: The relationship of OR and information systems (historical review, methodological, professional, practical). The life-cycle of system development, its strength and weaknesses contrasted with OR model based approaches. Changing information technologies (micros, networks, office systems etc.) Alternative view of systems development (participation, experimental techniques, prototyping). Other influences on systems development (human computer interface, databases, AI and expert systems, decision support systems). Information systems management and planning. The politics of computers and the politics of OR.

Economics of Operational Research (OR366): An introduction to economics.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Quantitative Methods and Elementary Statistical Theory**.

Teaching Arrangements:

OR350 10 x 1½ Michaelmas and Lent Terms

OR358 13 x 1½ Michaelmas and Lent Terms

OR359 2 x 5 Michaelmas and Lent Terms

Ac170 5 x 2 Michaelmas Term (weeks 1-5 only)

OR386 8 x 1½ Lent Term

IS365 8 Lent Term

OR366 5 x 2 hours Michaelmas Term

Reading List: Recommended books (for **Operational Research Methodology**) are: R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; P. Keys, *Operational Research and Systems*; G. Majone & E. S. Quade (Eds.), *Pitfalls of Analysis*.

A more extensive reading list will be provided at the start of the course.

The reading list would be excessively long if books for all the above lecture courses were given. Specific recommendations will be made during the lecture courses. However useful preliminary reading for **Financial Reporting and Management** is C. T. Horngran & G. L. Sunden, *Introduction to Management Accounting*.

Examination Arrangements: There is no formal examination of this course. Assessment weight of 40% is given to a 2 to 3,000 word essay from a list of topics based on the **Operational Research Methodology** course. Another 40% is given to the report and presentation mentioned above under **Operational Research Tutorial Course**. Both the essay and the report are evaluated on presentation as well as content. The remaining 20% is allocated to

one piece of written work which can be selected from the following lecture courses:

- (a) **Financial Reporting and Management;**
- (b) **Strategic Planning and Management;**
- (c) **Information Systems Issues;**
- (d) **Economics for Operational Research.**

OR8345**Computer Modelling In Operational Research (Half unit course)**

Teacher Responsible: Dr. G. Appa, Room S116c
Course Intended Primarily for M.Sc. Operational Research, and M.Sc. Operational Research and Information Systems.

Core Syllabus: The course is compulsory for all M.Sc. Operational Research and M.Sc. Operational Research and Information Systems students and gives an introduction to simulation, computer software in OR, graph theory and mathematical programming.

Course Content:

Basic Mathematical Programming (OR353): Formulation of operational problems using linear and non-linear programming models; solution of such problems with available computer programs; interpretation of the solutions; limitations of such models.

Workshop in Simulation (OR368): Computer simulation models: design, construction and implementation.

Workshop in Computer Software (OR373): Applications of computers in OR.

Graph Theory (OR356): Fundamental concepts in graph theory, planar graphs, maximum-minimum problems in networks.

Pascal Programming (OR377): The syntax of the Pascal programming language.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Quantitative Methods and Elementary Statistical Theory.**

Teaching Arrangements:

OR353 9 Michaelmas Term OR353(a) 9 Michaelmas Term 10 x 2 computer workshop hours

OR356 9 Michaelmas Term

OR373 6 x 2 Michaelmas Term

OR368 10 Michaelmas Term

OR377 26-29 September and 5 Michaelmas Term.

Reading List: Recommended are: R. Paul & D. W. Balmer *Simulation Modelling*; H. P. Williams, *Model Building in Mathematical Programming*, Wiley, 1990 3rd edition, available in paperback.

Students may also wish to consult: A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; M. Pidd, *Computer Simulation in Management Science*; H. P. Williams, *Model Solving in Mathematical Programming*, Wiley, 1993, available in paperback. D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*; J. A. Bondy & U. S. R. Murty, *Graph Theory with Applications*.

Examination Arrangements: This course is examined entirely by course work and a project. The course is assessed as follows: 50% for a management report covering the results of a computer simulation program. The problem to be simulated is given dur-

ing the second half of the Michaelmas Term for completion in the first two weeks of the Lent Term. 40% for mathematical programming written work from the lecture course. 10% for graph theory written work from the lecture course. Written work is marked on presentation as well as on content.

OR8347**Advanced Operational Research Techniques (Half unit course)**

Teacher Responsible: Dr. J. Howard, Room S209
Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: This is an advanced half-unit course in Operational Research Techniques but excluding Mathematical Programming and Simulation (for which there are specialist companion courses available).

The main techniques covered may include some of: Replacement Theory, Discrete Dynamical Systems, Queueing Theory, Game Theory, Dynamic Programming, and other topics which may change from year to year.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Quantitative Methods**. Operational Research to the level of **Basic Operational Research Techniques**. Students must be prepared to use micro computers.

Teaching Arrangements: OR352 18 Lent Term OR352(a) 18 Lent Term

Very full lecture notes are provided, and every week a set of problems is given out in the lecture. These are discussed in the following classes (OR352a). The class teacher is usually the lecturer.

Reading List: Recommended books are: R. B. Cooper, *Introduction to Queueing Theory* (2nd edn.); N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; D. W. Jorgenson, J. J. McCall & R. Radner, *Optimal Replacement Policy*; E. Page, *Queueing Theory in O.R.*; H. M. Taylor & S. Karlin, *An Introduction to Stochastic Modelling*; K. Binmore, *Fun and games*; J. T. Sandefur, *Discrete Dynamical Systems*.

Examination Arrangements: There is a two-hour formal examination in the Summer Term covering the whole syllabus. The paper usually contains six questions, of which three must be attempted. It is important to attempt three questions: only the best three answers will be counted, and one third of the marks is available for each of these three attempts. On the other hand, it is not necessary to answer fully all parts of the question to obtain a reasonable mark on it. Copies of previous years' papers are available.

OR8348**Further Simulation (Half unit course)**

Teacher Responsible: Mr. D. Balmer, Room S208
Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: An introduction to research work in simulation.

Course Content: An examination of programming structures from simulation model construction e.g. process-flow, three-phase, event-based. Program generation by computer automated methods. The use of new software ideas in automating problem solving by simulation. A review of other modelling techniques, such as systems dynamics, control theory.

Pre-Requisites: The lecture course OR368.

Teaching Arrangements: OR374 10 2-hour meetings +10 classes Lent Term.

Reading List: As for OR8345 plus others to be given in lectures.

Examination Arrangements: This course is examined entirely by course work and/or project work. The nature of the work will depend on how many students take the course.

ST8349**Computer Modelling for Operational Research (Half unit course)**

Teacher Responsible: Mr. D. W. Balmer, Room S208
Course Intended Primarily for M.Sc. (Statistics) (half-unit)

Core Syllabus: The course is composed of two distinct sections. Each of these in its own way provides some insight into the interface between computing methods and operational research.

Course Content:

IS365 Information Systems Issues: An introduction to systems analysis and the role the systems analyst plays in the design of computer based systems. The relationship between systems analysis and operational research. Information systems in organisations: role and function. Other topics include economics, cost benefit analysis and computer programming.

OR368 Workshop in Simulation: Activity cycle diagrams, computer simulation models, stochastic input generation and output analysis. The course is taught with a strong emphasis on practical application.

OR373 Workshop in Computer Software: Micro Packages and Software Design; the use of microcomputers and associated software.

Pre-Requisites: There are no specific prerequisites in computing, but some prior contact with computing, use of packages and programming would be useful.

Teaching Arrangements: IS365 8 lectures in the Lent Term. OR368 10 lectures in the Michaelmas Term. OR373 5 x 2 hours teaching during the Michaelmas Term.

Examination Arrangements: Each section of the course will be assessed independently by means of an extended essay or a project as appropriate.

OR8354**Mathematical Programming I (Half unit course)**

Teacher Responsible: Dr. S. Powell, Room S117c

Course Intended Primarily for M.Sc. Operational Research. Also available for M.Sc. Statistics and M.Sc. Accounting.

Core Syllabus: To cover the use of mathematical programming models in practice, and an introduction to the theory and computational methods.

Course Content: As described under the headings of the lecture courses below.

Pre-Requisites: A knowledge of linear algebra sufficient to handle matrix inversion and manipulation of partitioned vectors and matrices. It is NOT necessary to have any previous experience of computers and no computer programming will be called for, although students must be prepared to use computer packages and computer terminals.

Teaching Arrangements: OR353 9, OR353(a) 9, and 10 x 2 computer workshop Michaelmas Term OR354 18 Michaelmas and Lent Terms, OR354(a) 18 Michaelmas and Lent Terms

OR356 9 Michaelmas (approximately six lectures, three classes)

OR353 Introductory course - formulation of O.R. problems as mathematical programming models, solutions using computer packages, and interpretation of solutions.

OR354 Introduction to theory of linear programming and duality; Simplex algorithm, (primal and dual basis change, Phase I/Phase II, sensitivity, etc); unimodular models; integer linear programming (ILP) methods (branch and bound, enumeration, cutting planes); some special ILP models; quadratic programming.

OR356 Fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks, matching theory.

Reading List: G. B. Dantzig, *Linear Programming and Extensions*; A. Land & S. Powell, *Fortran Codes for Mathematical Programming*; J. A. Bondy & V. S. R. Murty, *Graph Theory with Applications*; W. L. Price, *Graphs and Networks*; H. P. Williams, *Model Building and Mathematical Programming*; Nemhauser & Wolsey, *Integer and Combinatorial Optimization*; A. Schrijver, *Theory of Linear and Integer Programming*; H. P. Williams, *Model Solving in Mathematical Programming*.

Examination Arrangements: The course will be examined by a three-hour examination. The paper will contain at least seven questions of which four must be attempted.

OR8355**Mathematical Programming II (Half unit course)**

Teacher Responsible: Dr. G. Appa, Room S116c
Course Intended Primarily for M.Sc. Operational Research. Also available for M.Sc. Accounting.

Core Syllabus: To take students beyond the level of **Mathematical Programming I** to a point at which they can read at least some of the recent research literature.

Course Content: The foundations of mathematical programming; developments in computational methods to take advantage of sparsity; Lagrangean relaxation; introduction to non-linear methods: further ILP methods (cutting planes, heuristic methods); addi-

tional special ILP models (e.g. location problems).

Pre-Requisites: Mathematical Programming I.

Teaching Arrangements: OR355 17 Lent Term OR355(a) 17 Lent Term

Lectures: OR355 **Mathematical Programming II.**

Classes: OR355(a) **Mathematical Programming II.**
Reading List: V. Chvatal, *Linear Programming*; R. Fletcher, *Practical Methods of Optimization* Vol. I, *Unconstrained Optimization*; W. Murray, *Numerical Methods for Unconstrained Optimization*; A. Schrijver, *Theory of Linear and Integer Programming*; Nemhauser & Wolsey, *Integer and Combinatorial Optimization*; G. L. Nemhauser, A. H. G. Rinnoy Kan & M. J. Todd (Eds.), *Optimization*; M. S. Bazaraa, H. D. Sherali & C. M. Shetty, *Nonlinear Programming: Theory and Algorithms*; H. P. Williams, *Model Solving in Mathematical Programming*.

Examination Arrangements: The course will be examined by a three-hour examination. The paper will contain at least seven questions of which four must be attempted.

OR8356

Transport Models (Half unit course)

Teacher Responsible: Dr. S. Powell, Room S117c
Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: The course introduces students to the use and limitations of operational research and model-building in transport planning.

Course Content: Economics for Operational Research (OR366): An introduction to Economics. (This course is also part of the course O.R. in Context.)

Transport Economics for Operational Research (OR387): Consumer surplus, peak load pricing, congestion, urban transport models, public enterprise economics and transport policy.

Cost Benefit Analysis (Ec119): See Course Guide Ec1579.

Operational Research in Transport (OR379): Various types of problems in both private and public transport to which operational research has been applied will be described. This will include models of traffic behaviour and public transport operation, applications of scientific techniques to the practical problems of siting, location routing, scheduling and control.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the courses. **Quantitative Methods and Elementary Statistical Theory.** An elementary knowledge of basic O.R. techniques and economic concepts is essential.

Teaching Arrangements:

OR366 5 x 2 hours Michaelmas Term

OR379 4 Michaelmas Term and 10 Lent Term

Ec119 5 + 5 classes Lent Term

OR387 10 Lent Term

Reading List: No one book covers the entire syllabus. Students are recommended to read the following: S. Glaister, *Fundamentals of Transport Economics*, Basil Blackwell; T. A. Domencich & D. McFadden, *Urban Travel Demand*; S. Eilon, C. D.

T. Watson-Gandy & N. Christofides, *Distribution Management*; J. A. Bondy & U. S. R. Murty, *Graph Theory with Applications*; R. Lane, T. J. Powell & P. Prestwood-Smith, *Analytical Transport Planning*, Duckworth; P. R. Stopher & A. H. Meyburg, *Urban Transportation Modelling and Planning*; J. de D. Ortuzar & L. G. Willumsen, *Modelling Transport*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The examination paper is made up of two sections each containing at least four questions. Students are expected to answer four questions only and at least one question from each section. It is important to answer four questions: no credit is given for a fifth answer, and one quarter of the marks are awarded for each of the four answers. On the other hand it is not necessary to answer fully all parts of a question to obtain a "better than bare pass" mark on it. Copies of previous year's papers are available. The two sections on the examination paper are made up of the following questions:

Section A: Questions on **Operational Research in Transport**.

Section B: Questions on **Transport Economics Treated Mathematically and Cost Benefit Analysis**.

OR8359

Public Policy Analysis

Teachers Responsible: Professor Jonathan Rosenhead, Room S114 and Professor Howard Glennerster, Room A279

Course Intended Primarily for M.Sc. in Operational Research (for which it contributes the equivalent of two half-unit papers).

Core Syllabus: This course is concerned with the methodologies relevant to the analysis of policy issues, and to the determination of priorities in public resource allocation. The first term will explore in general terms (though with examples of both techniques and application areas) the ways in which quantitative analysis impinges on decision making by public sector agencies. The remainder of the course will be based on case studies drawn from actual examples of social planning at national and local levels.

Pre-Requisites: None.

Teaching Arrangements: Weekly two-hour seminars for 23 weeks throughout the session (SA152). The seminars are shared with students taking the paper in **Social Planning** (SA6631). During the Michaelmas Term the seminars will each be introduced by contributions from the two teachers. During the rest of the session students will present papers.

Reading List: The following are some key texts but a comprehensive reading list will be handed out with the programme of seminar topics. D. Piachaud & J. Midgley (Eds.), *The Fields and Methods of Social Planning*; J. K. Friend & W. N. Jessop, *Local Government and Strategic Choice*; H. Glennerster, *Planning for the Priority Groups*; J. Rosenhead (Ed.), *Rational Analysis for a Problematic World*; M. Greenberger, M. A. Crenson & B. L. Crissey, *Models in the Policy Process*; M. Carley, *Rational Techniques in Policy Analysis*.

Examination Arrangements: There is a three-hour formal written examination in June on which 50% of the assessment of the course is based. Three questions must be answered. The remainder of the assessment of the course is based on an extended essay of 4 to 6,000 words, the topic of which must be agreed with the course teachers.

OR8361

Structuring Decisions (Half unit course)

Teacher Responsible: Professor Jonathan Rosenhead, Room S114

Course Intended Primarily for M.Sc. in Operational Research, M.Sc. in Decision Sciences and M.Sc. in Analysis Design and Management Information Systems.

Core Syllabus: The course provides an introduction to a range of generally participative methods now available for structuring the understanding of problems and decision situations under conditions of complexity, uncertainty and conflict. The relative advantages and disadvantages of these methods as compared with more conventional, more highly formalized techniques will be brought out by a discussion of the debate on planning theory.

Course Content: **Planning Theory** (OR388) The debate on planning theory (rational comprehensive planning, incrementalism, mixed scanning, transactive planning, political economy school) with special attention to the limitations of holistic and mathematized approaches.

Problem and Decision Structuring Methods (OR389) The classical techniques of operational research provide solutions to well-structured problems. Their applicability is more limited where the primary aim of analysis is to achieve a structuring, perhaps only partial, of recalcitrant problems characterized not only by complexity and uncertainty, but also by multiple interests and perspectives. The course will cover, both descriptively and critically, the variety of approaches which have been developed to structure such situations or aspects of them. These include Soft Systems Methodology, Strategic Choice, Robustness Analysis, Cognitive Mapping and Metagames.

Pre-Requisites: None.

Teaching Arrangements:

OR388 7 Lent Term

OR389 7 Michaelmas Term and 13 Lent Term

Reading List: Students should buy A. Faludi (Ed.), *A Reader in Planning Theory*; and J. Rosenhead (Ed.), *Rational Analysis for a Problematic World*.

Recommended Reading is: M. Camhis, *Planning Theory and Philosophy*; P. B. Checkland, *Systems Thinking, Systems Practice*; C. Eden, S. Jones & D. Sims, *Messing About in Problems*; R. Flood & M. C. Jackson, *Creative Problem Solving: total systems intervention*; J. K. Friend & A. Hickling, *Planning Under Pressure*; C. Eden & J. Radford (Eds.), *Tackling Strategic Problems*.

Details of other relevant reading will be provided at the start of the course.

Examination Arrangements: Examination will be by three hour paper, normally containing six ques-

tions of which three should be answered. Questions will require students to demonstrate knowledge of how the various approaches operate, and an ability to compare and contrast their relative merits and disadvantages. Students will not be expected to 'solve' particular problems.

OR8362

Advanced Topics in Operational Research (Half unit course)

(Not available 1994-95)

Teacher Responsible: Professor Jonathan Rosenhead, Room S114

Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: An examination of new trends in Operational Research.

Course Content: The topics selected differ from one year to another. New topics are introduced each year.

Pre-Requisites: Part 1 of the M.Sc. O.R. Regulations.

Teaching Arrangements: Weekly two-hour sessions for 15 weeks beginning the third week of the Michaelmas and Lent Terms (OR395).

Reading List: There is no textbook suitable for the course. Detailed suggestions for reading will be given in the sessions.

Examination Arrangements: This course is examined entirely by course work and/or project work. The nature of the work will depend on the topics offered.

OR8364

Applied Operational Research

Teacher Responsible: Dr. G Appa, Room S116c

Course Intended for M.Sc. Operational Research only.

Core Syllabus: This paper is designed to give the student an introduction to practical operational research. The student will carry out and report upon a substantial practical piece of operational research. The projects will either be found by the department or may be suggested by the student, with the approval of the candidate's teachers.

Course Content: Identification and development of individual student projects

Pre-Requisites: Students will normally be taking M.Sc. Operational Research.

Teaching Arrangements: There will be 20 meetings (OR383) of 2 hours in Michaelmas, Lent and Summer Terms. Each student will be assigned an internal supervisor who will continuously monitor their progress on a continuing basis and give tutorial guidance as required.

Reading List: Chapman & Mahon, *Plain Figures*; Margerison, *Managerial Consulting Skills*; Sussams, *How to Write Effective reports*; Tufte, *The Visual of Quantitative Information*. Detailed suggestions for reading will be provided in the course of supervision.

Examination Arrangements: Assessment is based entirely on the report, three copies of which must be

submitted to S109 and a receipt obtained by the beginning of September.

OR8366**Applied Operational Research and Information Systems**

Teacher Responsible: Dr. G Appa, Room S116c
Course Intended for M.Sc. Operational Research and Information Systems only.

Core Syllabus: See Course Guide OR8364 above.

Course Content: See Course Guide OR8364 above.

Teaching Arrangements: There will be 20 meetings (OR380) of 2 hours in the Michaelmas, Lent and Summer Terms.

Each student will be assigned an internal supervisor who will continuously monitor their progress and give tutorial guidance as required.

Reading List: See Course Guide OR8364 above.

Examination Arrangements: See Course Guide OR8364 above.

OR8367**Operational Research in Less Developed Countries (Half unit course)**

Teachers Responsible: Dr. G. Appa, Room S116c and Professor J. Rosenhead, Room S114

Course Intended Primarily for M.Sc. in Operational Research.

Core Syllabus: The course addresses the content and practice of operational research in less developed countries, and explores its similarities to and differences from OR as practiced in developed countries. An introduction to theories of development and technology transfer leads to a discussion of factors limiting the practice of operational research in the Third World. Selected topics are addressed in greater depth. Various methods are used to explore the central issues. These include case studies, parallels with community operational research, and particular areas of application. Additionally students will be expected to attend selected sessions of other development-related courses.

Pre-Requisites: None.

Teaching Arrangements: OR390 15 sessions of 1.5 hours, Michaelmas and Lent Terms. Teaching will be by a mixture of teacher-led presentations, case exercises, case studies (including visiting speakers) and student presentations. Student presentations will consist of preliminary accounts of work towards course essays.

Reading List: M. Luck & G. Walsham (Eds.), *Selected Readings in Operational Research for Developing Countries*. Other reading, notably special journal issues and conference proceedings, will be specified during the course.

Examination Arrangements: The course is assessed by means of the course essay. Topics, which may be particular issues in Operational Research and development, or accounts of the development of OR in a particular third world country, must be agreed with

the course teachers. Essays of 4,000 to 7,000 words must be submitted by the end of the first week of the Summer Term.

OR8375**Advanced Topics in Decision Analysis (Half unit course)**

Teacher Responsible: Dr. L. D. Phillips, Room B802

Course Intended Primarily for M.Sc. Decision Sciences.

Core Syllabus: This half-unit course is intended to deepen and extend students' understanding of decision analysis, and to show how the theory can be applied.

Course Content: Topics covered are the theory of decisions with multiple objectives, influence diagrams and belief nets, cascaded Bayesian inference, stratified systems theory and group processes. Teaching will be by lectures and case studies.

Pre-Requisites: Mathematics, Statistics and Probability Theory to be level of the course **Quantitative Methods (MA7203)**.

Teaching Arrangements:

OR400 10 x 2 Lent Term

OR400(a) 10 Lent Term

Reading List: Students are advised to purchase S. French, *Decision Theory: An Introduction to the Mathematics of Rationality*.

Recommended readings include: S. R. Watson & D. M. Buede, *Decision Synthesis*; R. Oliver & J. Smith (Eds.), *Influence Diagrams, Belief Nets and Decision Analysis*; E. Jaques, *Requisite Organisation*; L. Phillips & M. Phillips, *Facilitating Groups: Theory and Practice*.

Examination Arrangements: The course is examined by a three hour examination in the Summer Term. In addition a satisfactory standard must be achieved on 3 of the 4 case studies to be submitted during the course.

OR8376**Applied Decision Sciences**

Teacher Responsible: Dr. L. D. Phillips, Room B802

Other Teachers Involved Members of the Operational Research and Statistics groups.

Course Intended Primarily for M.Sc. Decision Sciences.

Core Syllabus: This unit is designed to give the student an introduction to the use of decision sciences in practice. The student will carry out and report upon a substantial practical piece of decision analysis. The projects will either be found by the department or may be suggested by the student, with the approval of the candidate's teachers.

Pre-Requisites: Students who are not registered for the M.Sc. in Decision Sciences will not normally be allowed to take this option.

Teaching Arrangements: There will be 20 meetings (OR401) of 2 hours, through the year. Each student

will be assigned an internal supervisor who will monitor their progress on a continuing basis and give tutorial guidance as required.

Reading List: Recommended books are Chapman and Mahon, *Plain Figures*; Margerison, *Managerial Consulting Skills*; Sussams, *How to Write Effective*

Reports; Tufte, *The Visual Display of Quantitative Information*. Detailed suggestions for reading will be provided in the course of supervision.

Examination Arrangements: Assessment is based entirely on the report, three copies of which must be submitted to the supervisor by 1 September.

Department of Philosophy, Logic and Scientific Method

M.Sc. Philosophy and History of Science (Joint with King's College, London)

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
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I. Three written papers selected with the approval of the Coordinating Committee from the range of options listed below. Not all the options listed may be available in any one year. Students following the part-time course may, with the approval of the Coordinating Committee, take the examination in two parts, the first part consisting of up to two papers, the second part consisting of the remaining papers and the essay and taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the Coordinating Committee to re-enter for the first part and enter the second part at the same time.

1.	Philosophy of Science and Scientific Method	Ph6200
2.	Philosophy Logic and Metaphysics	Ph6205
3.	History of Epistemology	Ph6204
4.	History of Science	Ph6207
5.	Philosophical Foundations of Physics	Ph6212
6.	Philosophy of Mathematics	Ph6206
7.	Foundations of Probability	Ph6210
8.	Philosophy of Biological and Cognitive Sciences	Ph6215
9.	Philosophy of the Social Sciences	Ph6208
10.	Advanced Social Philosophy	Ph6251
11.	Logic	Ph6209

or

	Mathematical Logic	Ph6211
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II. A dissertation of not more than 10,000 words

Dates of Examination

Written papers	June
Dissertations	15 September

M.Sc. Philosophy of the Social Sciences

Duration of Course of Study

Full-time: One academic or calendar year, depending on the Scheme of Examination.

Part-time: Two academic or calendar years, depending on the Scheme of Examination.

Stream 1 Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
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I. Three written papers selected with the approval of the candidate's teachers as follows (paper (i), under 2 and 3 below is not available to candidates who do not possess a first degree in Philosophy of equivalent training in Philosophy):

1.	Philosophy of the Social Sciences	Ph6208
2&3.	Two of the following:	
(a)	Advanced Social Philosophy	Ph6251
(b)	One of	
(i)	Logic	Ph6209
(ii)	Mathematical Logic	Ph6211
(c)	History of Epistemology	Ph6204
(d)	Philosophical Logic and Metaphysics	Ph6205
(e)	Philosophy of Mathematics	Ph6206
(f)	History of Science	Ph6207
(g)	Foundations of Probability	Ph6210
(h)	Philosophy of Science and Scientific Method	Ph6200
(i)	An approved paper from any other course for the M.Sc. in the Faculty of Economics normally taken in June.	

and

II. An essay of not more than 10,000 words, normally on a topic falling within the field of any of the papers.

Exceptionally, candidates may be permitted to substitute for the essay a further paper listed under 2 or 3 above.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will normally consist of up to two papers, taken after completion of courses for those papers. The second part will consist of the remaining elements of the examination, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	15 September

Stream 2

Students spend one semester at the London School of Economics (i.e. October-January) and one semester at Nanterre (i.e. February-late May). All examinations are held in London.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
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I.		
1.	Philosophy of the Social Sciences	Ph6208
2&3.	Students select options from papers 2 and 3 in stream 1 during the first semester and undertake a course of tuition in Nanterre during the second	

semester. The Department will advise students on their selection of papers at the beginning of the Michaelmas Term. The availability of papers under 2 and 3 will partly depend on the options offered by the Department of Philosophy at the University of Paris X (Nanterre). Students will sit special semester examination papers in three areas at the end of the first semester in January and sit examinations based on two subject areas at the end of the second semester in June

and

- II** Students are required to write a dissertation of not more than 10,000 words during the Summer to be submitted by 15 September

Dates of Examination

Written papers	January (for first semester courses) June (for second semester courses)
Dissertation	15 September

Students should refer the section on Interdepartmental Degrees for information on the M.Sc. Economics and Philosophy.

This section is in two parts. The first part lists the lectures and seminars given by the Department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
Ph101	Philosophical Problems in the Social Sciences Dr. T. Uebel	10/M	Ph6208
Ph102	Advanced Scientific Method Dr. P. Urbach and Dr. J. Worrall	20/ML	Ph6200
Ph104	More Philosophical Problems in the Social Sciences Professor D.-H. Ruben and Dr. H. Cronin	10/L	Ph6208
Ph105	Philosophy of Economics Professor N. Cartwright and Professor K. Roberts	16/ML	Ph6208
Ph106	History of Philosophy: Bacon to Kant Dr. E. Zahar	40/ML	Ph6204

Lecture/ Seminar Number			Course Guide Number
Ph109	Rise of Modern Science Dr. E. Zahar	20/ML	Ph6207
Ph110	Advanced Social Philosophy Dr. D. Lloyd-Thomas (King's College) and Dr. J. Wolff (University College)	40/ML	Ph6251
Ph112	Logic Dr. C. Howson	40/ML	Ph6209
Ph113	Rise of Modern Science: Darwinism (Not available 1995-96) Dr. H. Cronin	5/L	Ph6207 Ph6215
Ph114	Further Logic Dr. M. Machover	32/ML	Ph6211
Ph116	Philosophy of Mathematics Dr. K. Hossack (King's College) and Dr. J. Worrall	30/ML	Ph6201 Ph6206
Ph120	The Philosophy Department Seminar All members of the Department	13/MLS	
Ph121	Modern Philosophy; The Rationalists and Empiricists Mr. A. Savile (King's College)	20/ML	Ph6204
Ph122	Philosophy of Psychology Jim Hopkins (King's College)	30/MLS	Ph6215
Ph124	Foundations of Probability Dr. D. A. Gillies (King's College)	20/ML	Ph6210
Ph125	Philosophical Logic & Metaphysics Dr. Heinaman (University College)	48/MLS	Ph6205
Ph126	Philosophical Foundations of Physics Professor N. Cartwright, Dr. E. Zahar and Dr. J. Worrall	24/MLS	Ph6212
Ph127	Revolutions in Science & Mathematics	20/ML	Ph6207
Ph128	History of Ideas in Science	20/ML	Ph6207

Lecture/
Seminar
NumberCourse Guide
Number

Ph133	Seminar in Scientific Method Professor D. Papineau	20 x 2 hrs ML
Ph134	Seminar in Philosophy of the Social Sciences Dr. T. Uebel	10 x 1.5 hrs ML
Ph135	Seminar in Philosophy of Economics Professor N. Cartwright and Mr. M. Steuer	10 x 1.5 hrs MLS
Ph136	Seminar in Philosophy of Physics Professor N. Cartwright, Dr. J. Worrall and Dr. E. Zahar	20 x 2 hrs MLS
Ph137	Research Methods in Philosophy (I) Dr. T. Uebel	10 x 2 hrs L
Ph138	Research Methods in Philosophy (II) Dr. J. Worrall	10 x 2 hrs L
Ph139	Research Methods in Philosophy (III) Professor N. Cartwright and Mr. M. Steuer	8 x 2 hrs MLS
Ph140	Research Methods in Philosophy (IV) Dr. H. Cronin	10 x 1.5 hrs L
Ph141	Research Methods in Philosophy (V) Professor N. Cartwright and Dr. G. Segal (King's College)	10 x 2 hrs L

Course Guides**The Philosophy Department Seminar**

Teacher Responsible: Dr. C. Howson, Room A209
Course Content: A fortnightly seminar series open to all staff and students of the Philosophy Department, in which either departmental members or outside visitors give papers on their current research.
Teaching Arrangements: 13 seminars (Ph120), Sessional.

Seminar in Scientific Method

Teacher Responsible: Professor D. Papineau, King's College
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: To be advised at beginning of course.
Teaching Arrangements: Twenty two-hour seminars. Students are advised to attend Ph6200 if the material has not been covered before.
Reading: To be advised at beginning of course.

Ph134

Seminar in Philosophy of the Social Sciences

Teacher Responsible: Dr. T. Uebel
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: Topics for discussion will be selected from among the following and other suitable topics arising out of the interests of participants: problems of interpretivism; value-freedom in social science; action theory; evolutionary theory and social science. Explanation in natural and social sciences.
Teaching Arrangements: Ten 1.5 hour seminars. Students are required to attend either Ph135 or MI431.
Reading: I. C. Hempel "Explanation in Science and in History" in *Explanation*, edited by D.-H. Ruben; W. Dray, "Historical Explanation of Action Reconsidered" in *Philosophy of History* edited by P. Gardiner; F. Ruiger, "Causal Analysis in Historical Reasoning" in *History and Theory* (1989); D.-H. Ruben, "Singular Explanation in Social Science" in *Midwest Studies in Philosophy* (1990); C. Taylor, "Interpretation and the Sciences of Man" in *Review of Metaphysics* (1971), H. Longino, *Science as Social Knowledge*; J. Bishop, *Natural Agency*; see also reading for Ph5251.

Ph135

Seminar in Philosophy of Economics

Teachers Responsible: Professor N. Cartwright, Room A212 and Mr. M. Steuer
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: Topics include: idealization in economics, the nature of economic law, the requirement for micro foundations, the Austrian School, expectations as causal factors.
Teaching Arrangements: 10 seminars in the philosophy of economics.
Reading: S. Krupp, *The Structure of Economic Science*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; D. Hausman, *The Philosophy of Economics* and *The Separate and Inexact Science of Economics*; B. Bateman & J. Davis, *Keynes and Philosophy*.

Ph136

Seminar in Philosophy of Physics

Teachers Responsible: Professor N. Cartwright and Dr. J. Worrall
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: Topics in the philosophy and history of modern science, with special emphasis on quantum mechanics. Topics to be chosen by seminar participants.
Teaching Arrangements: Twenty two-hour sessions. Students are advised to attend Ph6212, if they have not covered the material before.

Ph137

Research Methods in Philosophy (I)

Teacher Responsible: Dr. T. Uebel, Room A211
Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.
Course Content: An investigation of the social nature of knowledge.
Teaching Arrangements: Ten 2-hour seminars in the Lent Term.
Reading: H. Koonlith (Ed.), *Naturalizing Epistemology*; A. Goldman *Epistemology and Cognition*; F. F. Schmitt (Ed.), "Social Epistemology" *Synthese* (1987); I. Hrouszky, M. Feler & B. Dajka (Eds.), *Scientific Knowledge Socialized*; J. R. Brown (Ed.), *Scientific Rationality: The Sociological Turn*; H. Longino, *Science as Social Knowledge*; S. Schaffer "Self Evidence" and "Babbage's Intelligence" in *Critical Inquiry* (1992 and 1994).

Ph138

Research Methods in Philosophy (II)

Teacher Responsible: Dr. J. Worrall, Room A212
Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.
Course Content: Some central research topics from the contemporary philosophy of science literature, including (1) confirmation theory; (2) naturalised philosophy of science; (3) causality and causal models in science, medicine and social science
Teaching Arrangements: Ten two-hour seminars in the Lent Term.
Reading:
 1. Relevant sections of C. Howson & P. Urbach: *Scientific Reasoning - The Bayesian Approach*; of P. Achinstein: *Particles and Waves*; of E. Zahar: *Einstein's Revolution*, and of J. Earman: *Bayes or Bust?*; J. Worrall "Scientific Discovery and Theory-Confirmation"; D. Mayo "Novel Evidence and Severe Tests", *Philosophy of Science*, 58, December 1991.
 2. L. Laudan *Science and Values* and "Normative Naturalism"; J. Worrall "Feyerabend and the Facts"; P. Kitcher, *The Advancement of Science*.
 3. Ellery Eells *Probabilistic Causality*.
 (Copies of papers will be made available.)

Ph139

Research Methods in Philosophy III (Economics)

Teachers Responsible: Professor N. Cartwright, Room A212 and Mr. M. Steuer, Room S183
Course Intended for M.Sc. and M.Phil./Ph.D. students.
Course Content: Seminars in philosophical problems in economics. Topics to be chosen by seminar participants.
Teaching Arrangements: 8 x two-hour seminars MLS.
Reading: Readings will be advised prior to seminars.

Ph140**Research Methods in Philosophy IV**

Teacher Responsible: Dr. H. Cronin, Room A212
Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.

Course Content: What can Darwinian theory offer to the human sciences? We shall examine both the problems and the promise of an evolutionary understanding of ourselves.

Readings: J. H. Barkow, L. Cosmides & J. Tooby (Eds.), *The Adapted Mind*, chapter 1; M. Daly & M. Wilson, *Homicide*, chapters 1, 7; S. Pinker, *The Language Instinct*.

Teaching Arrangements: 10 x 1.5 hr seminars, L.

Ph141**Research Methods in Philosophy V**

Teachers Responsible: Professor N. Cartwright, Room A212 and Dr. Gabriel Segal (King's)

Course Intended Primarily for M.Sc. Philosophy & History of Science, M.Sc. and Dip. Philosophy of Social Science.

Course Content: What kind of a subject is philosophy? Can it provide answers to questions about the real world without employing any of the commonly recognized modes of empirical enquiry, or must it concern itself with "other-worldly" matters?

Teaching Arrangements: 10 x 2 hours seminars, L.

Ph6200**Philosophy of Science and Scientific Method**

Teacher Responsible: Dr. P. Urbach, Room A286
Course Intended Primarily for M.Sc. Philosophy & History of Science, M.Sc. and Dip. Philosophy of Social Science, M.Sc. Economics & Philosophy.

Core Syllabus: The principles of inductive reasoning and scientific method.

Course Content: (Dr. Urbach) The problem of induction; objective and subjective approaches of science; the Dutch Book Argument. Evaluating scientific theories according to their probabilities; and examination of the foundation of significance tests; clinical trials.

(Dr. Worrall) *Realism and theory change in science* (3 lectures). Realist and instrumentalist/pragmatist views of scientific theories. Is science cumulative? The failure of attempts to define approximate truth. *The status of methodological criteria* (2 lectures)

Are methodological criteria *a priori* principles or substantive corrigible parts of science? *Causation and causal reasoning in science* (3 lectures). Different notions of cause. Causes and correlations. Why it is important to discover causal structure. The "principle of the common cause". Are inferences from data to causes bound to be theory-dependent?

Pre-Requisites: None

Teaching Arrangements: Lectures: Ph102 Scientific Method, Dr. Urbach, Dr. Worrall
 20 ML. Seminars: Ph133 and Ph138. Intercollegiate

Philosophy of Science lectures (Professor Papineau, King's, 20 ML).

Reading List: see course Ph5231.

Examination Arrangements: A three-hour formal examination at the end of the Summer Term.

Ph6204**History of Epistemology**

(Not available 1995-96)

Teacher Responsible: Dr. E. Zahar, Room A210

Course Intended Primarily for M.Sc. Philosophy & History of Science, M.Sc. and Dip. Philosophy of Social Science. Other students may take this course as permitted by the regulations for their degrees.

Core Syllabus: A critical historical review and an introduction to some of the main problems of philosophy.

Course Content: The main philosophers of the seventeenth and eighteenth centuries: Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant. The main problems raised by these philosophers concern, for example: how knowledge is acquired; the extent of our knowledge and its status (is it infallible, certain, probable or what?); theories about reality (dualism, idealism, monism); 'proofs' of the existence of God; the mind-body problem; free-will and determinism, personal identity.

Pre-Requisites: None.

Teaching Arrangements: Ph106, **History of Modern Philosophy, Bacon to Kant** (Dr. E. Zahar and others); 35 one-hour lectures, ML. Ph121 **Modern Philosophy: The Rationalists and Empiricists** (Professor M. Sainsbury, King's College) (20 lectures, ML).

Reading List: F. Bacon, *Novum Organum* (Ed. P. Urbach & J. Gibson); P. Urbach, *Francis Bacon's Philosophy of Science*; E. A. Burt (Ed.), *The English Philosophers from Bacon to Mill*; Descartes, *Philosophical Writings*, edited by D. Anscombe & P. Geach (or an edition edited by J. Cottingham, R. Stoothoff & D. Murdoch); Spinoza, *Ethics*; Leibniz, *Monadology: Selections*; Berkeley, *Three Dialogues between Hylas and Philonous*; Hume, *Treatise of Human Nature*, Book 1; I. Kant, *Critique of Pure Reason*; I. Kant, *Prolegomena*; S. Körner, *Kant*. A number of relevant contemporary books and articles will also be recommended.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph6205**Philosophical Logic & Metaphysics**

Teacher Responsible: Professor D.-H. Ruben, Room A208

Course Intended Primarily for M.Sc. Philosophy & History of Science, M.Sc. and Dip. Philosophy of Social Science

Core Syllabus: Some of the main contemporary philosophical problems in philosophical logic and in metaphysics.

Course Content: for Philosophical Logic: reference, names and descriptions, validity, truth, logical truth,

conditionals, necessity and modality, existence and quantification, vagueness and non-classical logics. For Metaphysics: universals and particulars, materialism and dualism, free-will and determinism, personal identity, substance, events, causation, time, realism and idealism.

Reading for Philosophical Logic: Saul Kripke, *Naming and Necessity*; R. M. Sainsbury, *Logical Forms*; P. Geach, *Reference and Generality*; Gareth Evans, *The Varieties of Reference*; Simon Blackburn, *Spreading the Word*; Paul Horwich, *Truth*; Robert Stalnaker, "Possible Worlds" in Honderich & Burnyeat (Eds.), *Philosophy As It Is*.

Reading for Metaphysics: J. Perry (Ed.), *Personal Identity*; J. L. Mackie, *The Cement of the Universe*; D. Davidson, *Actions and Events*; A. Goldman, *A Theory of Human Action*; P. Churchland, *Matter and Consciousness*; N. Block (Ed.), *Readings in Philosophy of Psychology*; R. Gale (Ed.), *The Philosophy of Time*; H. Mellor, *Real Time*; A. N. Prior, *Papers on Time and Tense*; P. Horwich, *Asymmetries in Time*; S. Shoemaker, *Identity, Cause and Mind*; M. Johnstone & G. Forbes, 'Is There a Problem About Persistence,' *Proceedings of the Aristotelian Society*, supp. vol. LXI 1987; D. Lewis, *The Plurality of Worlds*.

Teaching Arrangements: Ph125 (for Philosophical Logic: Professor R. M. Sainsbury, King's College, Strand, and others; for Metaphysics, Dr. R. Heinaman, University College, and others.) 48 inter-collegiate lectures, twice weekly, MLS. **Philosophical Logic and Metaphysics** is a federal University of London lecture course, whose syllabus is designed for a 2 year cycle, permitting, but not requiring, students to attend lectures in adjacent years with no overlap in content. Since LSE students will attend for only one year, the specific course content will therefore vary in alternative years. The descriptions above reflect the lectures' contents over the whole of the two year cycle. Tutorials will be arranged.

Written Work: Students are expected write at least two essays per term.

Examination Arrangements: A three-hour formal examination in the Summer term.

Ph6206**Philosophy of Mathematics**

See Ph5315

Ph6207**History of Science**

(Not available 1995-96)

Teacher Responsible: Dr. J. Worrall, Room A212
Course Intended Primarily for M.Sc. and Dip. Philosophy of Social Science; M.Sc. Philosophy & History of Science.

Core Syllabus: Selected topics from the history of modern science with special emphasis on scientific "revolutions" (the scientific revolution of the sixteenth and seventeenth centuries, and the Darwinian

revolution of the nineteenth).

Course Content for Ph109:

(1) The scientific revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton. Special emphasis is placed on historical topics of philosophical and methodological interest: was the switch from a geocentric to a heliocentric astronomy made for objective reasons? if so, which reasons? What role was played by metaphysical considerations in Kepler's work and what role by Tycho's accurate planetary data? What role was played by real experiments in Galileo's work and what role by thought experiments? was Newton's system a "synthesis" of Kepler's and Galileo's laws? If so, how can we account for the strict inconsistency of Newton's theory and those laws?

(2) Theories of light from the scientific revolution to the mid-nineteenth century. Again the emphasis is on historical topics of philosophical and methodological interest. The disputes between Newton and Hooke and between Newton and Huygens over the nature of light. Did Newton have good reasons for holding a particulate theory of light? Is the luminiferous aether an example of a once successful theoretical notion that science itself later told us does not in fact exist? What does this tell us about the role of theoretical notions in science and about the idea that successful scientific theories are at least approximately true?

Course content for Ph113: The Darwinian revolution:
 1. The problems of adaptation and diversity, how Darwinism solves them; why rival theories fail.
 2. Nineteenth-century Darwinism and the revolution of recent decades.

3. The problem of altruism; modern solutions; and past confusions.

4. Sexual selection - why males are often ornamental and promiscuous whereas females are drab and discriminating; the century-long neglect of Darwin's solution; current views.

5. Humans as Darwinian animals; what can natural selection explain about us?

Pre-Requisites: Ph109: Some acquaintance with the Calculus would help towards an understanding of the course, but is not necessary. Ph113: None.

Teaching Arrangements: There are two courses of lectures: Ph109, 20 lectures, ML (Dr. E. Zahar and Dr. J. Worrall) and Ph113, 5 lectures (Dr. H. Cronin); and, for those taking Ph5240, a class Ph109a, 20 meetings ML. Students may also attend Ph128, History of Ideas in Science (Dr. Milton, King's) Tuesday, 5.00 p.m. ML; Ph127, Revolutions in Science and Mathematics (Dr. Gillies, Mondays, 5.00 p.m., ML, King's).

Written Work: Students will be expected to write at least two essays per term and give class papers.

Reading List For Ph109: T. S. Kuhn, *The Copernican Revolution*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burt, *The Metaphysical Foundations of Modern Physical Science*; A. Koestler, *The Sleepwalkers*; Galileo, *Dialogue Concerning the Two Chief World Systems*; A. Koyré, *The Astronomical Revolution*; A. Koyré, *Galileo Studies*; E. Zahar, *Einstein's Revolution: A Study in Heuristic*; A. I. Sabra, *Theories of Light from Descartes to Newton*; D. Gooding, S. Schaffer & S. Shapin (Eds.), *Uses of Experiment*; C. Wade Savage (Ed.), *Scientific Theories*.

For **Ph113**: Peter Bowler, *Evolution: The History of an Idea* chs. 1, 7, 9; Charles Darwin, *On the Origin of Species*, 1st edn., chs. 3, 4, 6, 7, 13, 14 (or 6th edn., chs. 3, 4, 6, 7, 8, 14, 15); Richard Dawkins, *The Blind Watchmaker*; John Maynard Smith, *On Evolution*, chs. 1, 2, 6, 7; Michael Ruse, *The Darwinian Revolution*; Helena Cronin, *The Ant and the Peacock*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph6208**Philosophy of the Social Sciences**

Teacher Responsible: Dr. T. Uebel, Room A211

Course Intended Primarily for Dip. and M.Sc. Philosophy of Social Science; M.Sc. Philosophy & History of Science; M.Sc. Economics & Philosophy.

Core Syllabus: Some central philosophical questions that arise out of the social sciences.

Course Content: Michaelmas Term: The nature and alleged limits of explanation in the social sciences: naturalism, interpretivism, critical theory. The problem of value-freedom and ideology. The issue of relativism and objectivity. The topic of methodological individualism.

Lent Term: Problems in understanding social action. What makes an action a social action? What is an action? Can actions have causal explanations? Are there, or can there be, natural laws about actions? Egoism v. altruism. Free action. On what Darwinian theory can tell us about ourselves.

Teaching Arrangements: Philosophical Problems in the Social Sciences (Michaelmas, 10 lectures, Ph101, Dr. Uebel); **More Philosophical Problems in the Social Sciences** (Lent, 7 lectures, Ph104, Professor Ruben, and 3 lectures, Dr. Cronin); Ph105 **Philosophy of Economics** (16 lectures, ML); MI431 (10 lectures, ML) and the M.Sc. Seminar Ph134 (10 x 1.5 hr meetings, ML).

Written Work: Students will be expected to write at least two essays per term and give seminar papers.

Reading List: D. Little, *Varieties of Social Explanation*; A. Ryan (Ed.), *Philosophy of Social Explanation*; P. Winch, *The Idea of a Social Science*; T. Habermas, "Knowledge and Human Interests" in Habermas, *Knowledge and Human Interests*; M. Weber, "The Meaning of Ethical Neutrality in Economics and Sociology", in Weber, *Methodology of the Social Sciences*; M. Hollis & S. Lukes (Eds.), *Rationality and Relativism*.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph6209**Logic**

See Ph5203

Ph6210**Foundations of Probability**

Teacher Responsible: Dr. D. A. Gillies, Department of Philosophy, King's College

Course Intended Primarily for M.Sc. in Philosophy & History of Science; M.Sc. and Dip. in Philosophy of Social Sciences; M.Sc. Economics & Philosophy.

Core Syllabus: The course covers the various interpretations of probability, and examines how the concept is used in science, economics, artificial intelligence, and in areas of philosophy of science concerned with the relationship between evidence and theories or predictions.

Course Content: The classical, logical, subjective, frequency, and propensity interpretations of probability. Confirmation theory and the Bayesian/non-Bayesian controversy. The use of Probability in the Natural Sciences compared and contrasted with its use in economics. The problem of representing uncertainty in expert systems - particularly those for medical diagnosis.

Pre-Requisites: No previous knowledge of probability is assumed. The mathematics side of the course requires only simple algebraic manipulations.

Teaching Arrangements: One two-hour lecture per week (Ph124), and tutorials by arrangement.

Written Work: Students are expected to write two essays during the year.

Reading List: P. Laplace, *Philosophical Essay of Probabilities*; J. M. Keynes, *A Treatise on Probability*; H. E. Kyburg & H. E. Smokler (Eds.), *Studies in Subjective Probability*; R. von Mises, *Probability, Statistics and Truth*; K. R. Popper, *Realism and the Aim of Science*; D. A. Gillies, *An Objective Theory of Probability*; C. Howson & P. Urbach, *Scientific Reasoning: The Bayesian Approach*.

Examination Arrangements: A three-hour written examination in the Summer Term.

Ph6211**Mathematical Logic**

Teacher Responsible: Dr. M. Machover, King's College

Course Intended Primarily for M.Sc. Philosophy & History of Science; M.Sc. Philosophy of the Social Sciences.

Core Syllabus: A second course in deductive logic giving detailed proofs of the fundamental meta-theorems concerning the power and limitations of formal theories based on first-order logic; and a detailed analysis of the general notion of a computation or algorithm.

Course Content: Register machines and the general idea of computability. Diagonalization and the halting problem. Propositional logic; its decidability. The propositional calculus; its soundness and completeness. First-order languages; their (Tarskian) semantics. The first-order predicate calculus; its soundness; the Gödel-Henkin completeness theorem; compactness; Löwenheim-Skolem theorem; Skolem's paradox. Computers; recursive functions and relations; recursively enumerable relations. Church's thesis. The MRDP theorem (every r.e. relation is diophantine) stated without proof. Formal first-order theories of arithmetic. Non-categoricity of complete first-order arithmetic. Code-numbering. Tarski's theorem.

Pre-Requisites: Logic (Ph5203) or a similar first

Ph6251**Advanced Social Philosophy**

Teachers Responsible: Mr. D. Lloyd-Thomas (King's College) and Mr. J. Wolff (University College)

Course Intended Primarily for M.Sc. and Diploma in the Philosophy of the Social Sciences.

Core Syllabus: An advanced discussion of selected texts in the history of moral and political philosophy; problems and topics in contemporary normative philosophy, including their relation to central metaphysical and normative disputes. The possibility of objectivism in morals; the metaphysics of value. Issues in moral psychology; weakness of the will. The moral and political philosophy of Karl Marx.

Course Content: The ethical theories of Plato, Aristotle, Hume, Mill and Kant. Realism and anti-realism in moral philosophy. Theories of virtue and the good life. Autonomy and ethics. Moral psychology. Self-interest and contractarianism. Consequentialism and deontology.

The political philosophies of Plato, Aristotle, Hobbes, Rousseau, Locke, Smith, Kant, Hegel, Mill and Marx. The State; Power and Authority; the Market and Justice; Liberalism and Communitarian arguments about the Good; Conservatism and Socialism; the nature of property rights.

Pre-Requisites: An introductory course in either ethics or political philosophy.

Teaching Arrangements: Ph110. The teaching for this course is by 40 intercollegiate philosophy lectures. **Ethics** (IC8, 20 lectures, ML, Thursdays, 10 a.m.); **Political Philosophy** (IC9, 20 lectures, ML, Thursdays, 11 a.m.); **Marxism** (IC3, 20 lectures, ML, Tuesdays, 3 p.m.). These lecture courses are given for students taking the B.A. London federal philosophy degree over a two year period; M.Sc. students from the LSE attend the three sets of lectures for one year only, and are examined by a single LSE paper reflecting their year's work. The specific course content therefore varies in alternative years: the descriptions above reflect the lectures' contents over the two year cycle. Students are also advised to consult the *Calendar* for details of undergraduate and M.Sc. lecture courses in **Political Philosophy** offered by the LSE Government Department.

Reading List: Plato, *Gorgias*; *The Republic*; Aristotle, *The Nichomachean Ethics*; Hobbes, *Leviathan*; Rousseau, *The Social Contract*; Locke, *Two Treatises of Government*; Hume, *Treatise*, Book III, *Essays*; Kant, *The Metaphysical Elements of Justice*, *Perpetual Peace*; Hegel, *The Philosophy of Right*; Mill, *On Liberty*; *Representative Government*; *Essay on Bentham*. A number of relevant contemporary books and articles will also be recommended.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Ph6215**Philosophy of Biological and Cognitive Sciences**

Teacher Responsible: Mr. J. Hopkins, King's College

course in deductive (symbolic) logic - including propositional and predicate logic. Some knowledge of set theory is preferable: this can be obtained either during the course or by Dr. Machover's course **Set Theory**, given in the preceding year.

Teaching Arrangements: A course of about 32 lectures in the Michaelmas and Lent Terms (Ph114) and about 16 tutorial sessions. Some logic teaching computer programs will be made available to students as back-up to the main teaching.

Recommended Reading: The text for the course is (1) J. L. Bell & M. Machover, *A Course in Mathematical Logic*; R. C. Jeffrey & G. Boolos, *Computability and Logic*.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination in the Summer Term.

Ph6212**Philosophical Foundations of Physics**

Teachers Responsible: Professor N. Cartwright, Room A212, Dr. J. Worrall, Room A212 and Dr. E. Zahar, Room A210

Course Intended Primarily for M.Sc. Philosophy & History of Science.

Course Syllabus: The basic ideas of Newtonian Mechanics. Conservation laws in Classical Mechanics. Space and time in Classical Mechanics and Mach's criticisms of Newton's ideas. Lagrange's and Hamilton's equations. The role of mathematics in scientific discovery. Maxwell and Lorentz: the background to the development of relativity theory. Einstein's Special Theory of Relativity. Mach's problem. The equivalence principle and the genesis of General Relativity. Einstein's revolution and theories of scientific change: the importance of heuristic. The 'Correspondence Principle'. The transition from Hamilton's to Schrödinger's equations. Philosophical problems raised by the quantum mechanical view of the world, ending with general questions about the relationship of modern mathematical and experimental physics to reality: the measurement problem; causality and determinism; quantum realism; wave-particle duality; experiment and objectivity. Theories in physics: underdetermination and theory-change. The special case of physical geometry. The Anthropic Principle.

Pre-Requisites: Although others may benefit from the course, it will be aimed at students with either mathematics or physics at least to 'A' level or the equivalent.

Teaching Arrangements: 24 lectures (Ph126) plus a seminar (Ph136).

Background Reading: P. Duhem, *The Aim and Structure of Physical Theory*; A. Einstein & L. Infeld, *The Evolution of Physics*; G. Holton & D. H. Roller, *Foundations of Modern Physical Science*; E. G. Zahar, *Einstein's Revolution: A Study in Heuristic*; C. Glymour 'The Epistemology of Geometry'; L. Sklar 'To Save the Noumena'; R. Jones 'Realism about What?'; I. Barrow & Tipler *The Anthropic Principle*. Further readings for particular topics will be given in the lectures.

Examination Arrangements: A three-hour formal examination in the Summer Term.

Course Intended primarily for M.Sc. in Philosophy and History of Science

Core Syllabus: The course covers the philosophy of psychoanalysis and cognitive psychology and includes a series of lectures on special topics in the philosophy of psychology. Darwinism.

Course Content: Commonsense Psychological explanation and its extension to psychoanalytic theory. Philosophical exposition of some main concepts of Freudian and post-Freudian theory, including some of: dreams, the unconscious, repression, primary and secondary process, psychosexual development, and the structural theory of the mind; fantasy, the inner world, Kleinian theory of positions, envy, projection, symbol-formation. Computers and the mind; specific theories in empirical psychology (e.g. Marr's computational theory of vision, Fodor's modularity hypothesis): their methodology, and the types of representation appealed to in their construction, application and evaluation. The mind-body problem, consciousness.

Ph113 The Darwinian revolution:

1. The problems of adaption and diversity, how Darwinism solves them; why rival theories fail
2. Nineteenth-century Darwinism and the revolution of recent decades
3. The problem of altruism; modern solutions; and past confusions.
4. Sexual selection - why males are often ornamental

and promiscuous whereas females are drab and discriminating; the century-long neglect of Darwin's solution; current views.

5. Humans as Darwinian animals; what can natural selection explain about us?

Summer Term: Special topics in the Philosophy of Psychology (Segal and Smith).

Reading List: Sigmund Freud, *Five Lectures on Psychoanalysis; Introductory Lectures*; Richard Wollheim, *Freud*; Hanna Segal, *Klein*; J. Neu (Ed.), *The Cambridge Companion to Freud*; J. Hopkins & R. Wollheim (Eds.), *Philosophical Essays on Freud*; Paul Churchland, *Matter and Consciousness*; Jerry Fodor, *The Modularity of Mind*; J. Haugeland, *Mind Design*; J. Haugeland, *Artificial Intelligence*; Peter Bowler, *Evolution: The History of an Idea* chs. 1, 7, 9; Charles Darwin, *On the Origin of Species*, 1st edn., chs. 3, 4, 6, 7, 13, 14 (or 6th edn., chs. 3, 4, 6, 7, 8, 14, 15); Richard Dawkins, *The Blind Watchmaker*; John Maynard Smith, *On Evolution*, chs. 1, 2, 6, 7; Michael Ruse, *The Darwinian Revolution*.

Teaching arrangements: **Ph122** Philosophy of Psychology lectures (Birkbeck); **Ph113** Rise of Modern Science: Darwinism (LSE). Complementary lectures (King's in Michaelmas and Lent Terms). There will also be an additional optional seminar on philosophy of psychoanalysis.

Examination Arrangements: A three-hour formal examination in the Summer Term.

M.Sc. Demography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Course Guide Number
I	Three written papers as follows:	
1.	Analytic and Applied Demography I	Pn8100
2.	Analytic and Applied Demography II	Pn8101
3.	Social and Economic Demography	Pn8102
	This paper will include a special study of a topic to be selected from	
(a)	Third World Demography	Pn7123
(b)	The Demographic Transition and the Western World Today	Pn7122
(c)	Population, Family and Health in Britain and the West	Pn7129
(d)	The Demography and Population History of the Indian Sub-continent	Pn7130
	and	
II	A dissertation of not more than 10,000 words on a topic approved by the candidate's teachers.	
III	An assessment of coursework in Statistics and Computing	Pn159

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the dissertation, and will be taken in the final year of the course. Students following the part-time course who fail the first part of the examination may be permitted by the School to re-enter the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/Seminar Number		Course Guide Number
Pn100	Population, Economy and Society Dr. C. Wilson	24/MLS Pn7100; Pn8102

Lecture/
Seminar
NumberCourse Guide
Number

Pn103	The Demographic Transition and the Western World Today Dr. C. Wilson	20/M	Pn7122; Pn8102
Pn104	Third World Demography Professor J. Hobcraft	24/MLS	Pn7123; Pn8102
Pn105	Population, Family and Health in Britain and the West Mr. M. J. Murphy	24/MLS	Pn7129; Pn8102
Pn106	The Demography and Population History of the Indian Sub-Continent Mr. C. M. Langford and Professor T. Dyson	24/MLS	Pn7130; Pn8102
Pn107	Mathematical and Statistical Demography Mr. M. J. Murphy	24/MLS	Pn8190
Pn150	Social and Economic Demography Seminar Dr. C. Wilson and Mr. C. M. Langford	24MLS	Pn8102
Pn151	The Analysis of Fertility and Mortality Dr. C. Wilson	20/M	Pn8100; Pn8110
Pn152	Population Dynamics and Projections Mr. M. J. Murphy	15/LS	Pn8101
Pn153	The Collection of Demographic Data Ms. J. Falkingham	10/M	Pn8100; Pn8110
Pn154	Migration Mr. M. J. Murphy	5/L	Pn8100
Pn155	Indirect Demographic Estimation Professor J. Hobcraft	10/L	Pn8101; Pn8110
Pn156	The Analysis of Demographic Event Histories Professor J. Hobcraft	10/L	Pn8101; Pn8110
Pn157	Evaluation of Family Planning Programmes Ms. J. Falkingham	10/LS	Pn8100

Lecture/
Seminar
NumberCourse Guide
Number

Pn159	Statistics and Computing for Demographers Mr. M. J. Murphy	30/ML	Pn159
Pn160	Seminar on Demographic Research Methods Mr. M. J. Murphy and Mr. C. M. Langford	12/MLS	Pn160
Pn161	Fertility and Mortality in their Socio-Economic Context - Seminar Mr. C. M. Langford and Ms. J. Falkingham	19/ML	Pn8101; Pn8110

Course Guides**Statistics and Computing for Demographers****Teacher Responsible:** Mr. M. Murphy, Room X205**Course Intended for** M.Sc. Demography.**Core Syllabus:** The course is a practical introduction to statistics and computing for demographic analysis. It does not presume any prior familiarity with computers. It includes: the importance of statistical approaches in demography; principles of sampling and practical problems; fitting and interpretation of statistical models; the use of micro computers in general; input and output of data; operating systems and editors; the use of statistical packages and special programs for demographic estimation.**Course Content:** Types of data and their presentation; principles of sampling and estimation of standard errors; stratified and clustered designs; practical problems in demographic sampling; questionnaire design and wording; measures of association; correlation and regression; use of computers in demography; spreadsheet packages; use of statistical packages; programs for population projections and indirect estimation of demographic parameters; and word processing packages.**Teaching Arrangements:** Pn159 30 Michaelmas and Lent Terms.**Written Work:** Students will undertake exercises as part of the continuous assessment for the M.Sc. in Demography.**Reading List:** C. A. Moser & G. Kalton, *Survey Methods in Social Investigation* (1971); P. Armitage & G. Berry, *Statistical Methods in Medical Research* (1987); M. J. Norusis, *SPSS/PC +* (1986); United Nations, *Mortpak-Lite* (1988).**Examination Arrangements:** Continuous assessment.**Pn159****Seminar on Demographic Research Methods****Teacher Responsible:** Mr. C. M. Langford, Room X310**Course Intended Primarily for** M.Phil./Ph.D. students in Demography.**Teaching Arrangements:** 15 1½-hour seminars over the Michaelmas, Lent and Summer terms, given by research students and staff in Population Studies on their research.**Pn160****Pn8100****Analytic and Applied Demography I****Teacher Responsible:** Chris Langford, Room X310**Course Intended Primarily for** M.Sc. Demography.**Core Syllabus:** The aim of this course is to introduce students to essential areas of demography. The first area is basic methods relating primarily to the analysis of fertility and mortality. The second is approaches and difficulties involved in collecting demographic data. The third area consists of migration. The fourth part covers the evaluation of family planning programmes. **Course Content:** The paper covers elementary technical demography as well as several subject areas of practical concern to working demographers, especially those involved with the 'dirty' - but vitally important - jobs of gathering and evaluating demographic data.

The syllabus of this paper can best be summarised by reference to the component courses.

Pn151 The Analysis of Fertility and Mortality deals with measures of marital and overall fertility, nuptiality and replacement; intermediate fertility variables and models of fertility; the construction and interpretation of life tables and other measures of mortality; model life tables and the concepts of stable and stationary populations.

Pn153 The Collection of Demographic Data

The historical development of demographic statistics. The stages involved in planning a census. The content of census and survey schedules. Basic response errors. The structure of census organisations. Vital registration. Types of demographic sample survey. The World Fertility Survey programme and the Demographic and Health Survey programme.

Pn154 Migration

Overview of migration trends. Measurement of migration and sources of data. Techniques for estimation when explicit migration data are missing. Theories of migration.

Pn157 Evaluation of Family Planning Programmes

The aims of programmes; the concept of evaluation; 'internal' methods of evaluation, cost/benefit, acceptor data, coupon systems. Evaluation of programmes, demographic impact: standardization, fertility trend analysis, couple years of protection, births averted, contraceptive prevalence surveys. Case studies.

Pre-Requisites: The paper is primarily designed for students taking the M.Sc. in Demography. For these students it is compulsory.

Teaching Arrangements: Teaching consists of 45 one-hour lectures and approximately 41 allied classes spread throughout the Michaelmas, Lent and Summer Terms. These lectures and classes are distributed by course as follows:

Lectures:

Pn151 **The Analysis of Fertility and Mortality** 20 Michaelmas Term

Pn153 **The Collection of Demographic Data** 10 Michaelmas Term

Pn154 **Migration** 5 Lent Term

Pn157 **Evaluation of Family Planning Programmes** 10 Lent, Summer

Classes:

Pn151a 20 Michaelmas Term

Pn153a 10 Michaelmas Term

Pn154a 5 Lent Term

Pn157a 5 Lent, Summer

Written Work: Students will be expected to do the bulk of the reading associated with lectures and classes. They will be required to undertake several class practicals. Finally, each student will be responsible for approximately two class presentations.

Reading List: There is a separate reading list for each course. However, the following readings are particularly central:

Pn151 G. W. Barclay, *Techniques of Population Analysis*, 1958.

Pn153 H. S. Shryock & J. S. Siegel, *The Methods and Materials of Demography* (condensed version), especially chapters 2, 3 and 24.

Pn154 G. J. Demko, H. M. Rose & G. A. Schnell, *Population Geography: A Reader*.

Pn157 A. I. Hermalin & C. Chandrasekaran, 'Overview', in Chandrasekaran & Hermalin (Eds.), *Measuring the Effect of Family Planning on Fertility*, Ordina Editions, Dolhain, Belgium, 1975.

Supplementary Reading List: Reading lists specific to each of the courses constituting this paper are available upon request from the secretary in Room X212.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term. Candidates are required to answer four questions.

Pn8101**Analytic and Applied Demography II**

Teacher Responsible: Professor John Hobcraft, Room X211

Course Intended Primarily for M.Sc. Demography. The paper is compulsory.

Core Syllabus: The paper deals principally with demographic techniques and concepts. The treatment is both theoretical and quantitative with the aim of providing students with a sound basis in the main techniques of demographic analysis and an understanding of the inter-relationships between demographic processes. It draws on the teaching provided in a number of courses.

Course Content: The syllabus of this paper can best be summarised by reference to the component courses. In the course Pn152, **Population Dynamics and Projections**, the following topics are dealt with: population growth theory; stationary, stable and quasi-stable populations; relations between demographic processes and the age structure; the nature and patterns of variation in fertility, mortality and nuptiality. The methods and uses of population projections. The course Pn155, **Indirect Demographic Estimation** introduces techniques for estimating demographic parameters from unconventional or limited data sources with particular attention to mortality and fertility. Course Pn156, **The Analysis of Demographic Event Histories** covers frameworks and procedures of analysis for event history data, particularly those emanating from retrospective demographic surveys.

Teaching Arrangements: The teaching arrangements for this paper vary from course to course. However, the usual format is for there to be a number of lectures with the associated classes given over to practical examples. The hours of lectures associated with each course are presented below, along with the term in which they occur.

Lectures: Pn152 **Population Dynamics and Projections** 15 Lent and Summer Terms.

Pn155 **Indirect Demographic Estimation** 10 Lent Term.

Pn156 **The Analysis of Demographic Event Histories** 10 Lent Term.

Classes: Pn152 15 Lent and Summer Terms.

Pn155 10 Lent Term.

Pn156a 10 Lent Term.

In addition students will be expected to attend

Pn161 **Fertility and Mortality in Their Socio-Economic Context (Seminar):** 19 one-and-a-half hour meetings in the Michaelmas and Lent Terms (arranged by Mr. Langford). Talks, mainly on recent research and work in progress, given by invited speakers, often from outside the School.

Written Work: This again varies between courses. In general, however, students will be expected to undertake computational exercises at regular intervals throughout each course. Given the mainly technical nature of the course, there are few essay requirements, although an occasional essay may be required.

Reading List: Reading lists will be handed out for each course.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term.

Pn8102**Social and Economic Demography**

Teacher Responsible: Mr. C. M. Langford, Room X310

Course intended primarily for M.Sc. Demography and M.Sc. Development Studies.

Core Syllabus: The course gives students a grasp of the inter-relations of social and economic factors and population change. It involves taking a core course: **Social and Economic Demography**, along with one of the following options:

(a) **Third World Demography**, (b) **The Demographic Transition and the Western World Today**, (c) **Population, Family and Health in Britain and the West** and (d) **The Demography and Population History of the Indian Sub-continent**.

Availability: The paper is a compulsory part of the M.Sc. in Demography and available as an option for the M.Sc. in Development Studies.

Course Content: The core part of the course is compulsory and consists of seminars on **Social and Economic Demography**. In addition, students who have not previously done so should attend the lectures given for the course **Population, Economy and Society**.

Topics covered include: general models of population behaviour in pre-industrial and industrial societies; the relationship between population size and available resources; the nature and relative importance of economic, social and biological influences on population mortality, fertility and growth rates; the special character of pre-industrial western Europe; pre-industrial familial forms and functions; the disappearance of old patterns in the course of industrialisation; the demographic transition; the changing balance of social and individual control of fertility; characteristics of the modern family; the interpretation of fertility fluctuations in the recent past; the causes and consequences of rapid population growth in the Third World.

Options

(a) Third World Demography

Sources of data and approaches to them. Distribution and growth of population in developing countries and their demographic characteristics. Causes and concomitants of fertility differentials and trends; mortality, nuptiality, contraception, breast-feeding, education, economic motivation, urbanization, status of women. The mortality decline; nutrition and health. The AIDS pandemic in the Third World. Demographic-economic interrelations; fertility, mortality, age structure, income level and distribution. Family planning programmes. Explanations of fertility decline.

(b) The Demographic Transition and the Western World Today

The acceleration of population growth in the eighteenth and nineteenth centuries, the mechanism of growth and the changes in economy and society which accompanied it. The course and characteristics of falling mortality. The control of fertility within marriage; fertility control as diffusion or innovation; revisions made necessary by micro-level studies. The degree of homogeneity within European experience; the special case of France. The limits of mortality decline. Post-transition fertility behaviour; changes in the form and function of marriage. The modern deter-

minants of short and long-term trends in fertility, nuptiality and mortality; age structure, dependency and social service provision.

(c) Population, Family and Health in Britain and the West

Trends in marriage and the upsurge in divorce. Patterns of fertility change, and consequences for the family and household structure. The rise of cohabitation and illegitimacy. Economic and social explanations for differentials in fertility and family formation: similarities and differences among developed societies. Population estimates and projections. Ageing in a European context. Family and household structure; the rise of solo living. Existence of wider kin and support networks. The changing population structure of developed societies. Population distribution, migration and the 'flight from cities'. Immigrants, refugees, ethnic minorities and guest-workers; contrasts between European societies in migration policies. Changing patterns of mortality by cause, gender and prospects for mortality and morbidity. Measurement of morbidity and health. Inequalities in health. Contrasts in patterns of disease among developed countries.

(d) The Demography and Population History of the Indian Sub-continent

Sources of demographic data (censuses, vital registration, surveys, etc.); population characteristics during the pre-census period (prior to 1871-2); demographic trends since 1871-2; the effects of famines and epidemics; changes in patterns of disease (malaria, cholera, tuberculosis, plague, influenza, etc.); the effects of AIDS in India; regional demographic variation in the sub-continent and related explanations (e.g. variations in female status); sex differentials in mortality; demographic differentials by factors such as religion, caste, place of residence; household and family structure; changes in patterns of marriage and widowhood; the development and current status of policies on health and family planning; trends in urbanization and urban growth; urban demography; aspects of both internal and international migration in the region; micro-demographic studies on a variety of topics; the demographic characteristics of overseas Indian populations; the demography of South Asia in the context of experience in other countries (e.g. China).

Teaching Arrangements: Lectures and classes as follows:

(i) Pn150 **Social and Economic Demography Seminars** 24 1½-hour Meetings Sessional

(ii) Pn100 **Population, Economy and Society** 24 Sessional

Options

(a) Lectures Pn104 **Third World Demography** 24 Sessional

Classes Pn104b 24 Sessional

(b) Lectures Pn103 **The Demographic Transition and the Western World Today** 20 Michaelmas Term

Classes Pn103a 10 Michaelmas Term

(c) Lectures Pn105 **Population, Family and Health in Britain and the West** 24 Sessional

Classes Pn105a 24 Sessional

(d) Lectures Pn106 **The Demography and Population History of the Indian Sub-continent** 24 Sessional

Classes Pn106a 24 Sessional

Written Work: The core part of the course will require two essays and one seminar presentation in each term. Class presentations and essays will also be required in the options.

Reading List: The following is a general and introductory reading list for the core part of the course. Further reading will be given during the course.

M. Anderson, *Approaches to the History of the Western Family 1500-1914*; R. Easterlin, *Birth and Fortune*; W. H. McNeill, *Plagues and Peoples*; UNICEF, *The State of the World's Children*; E. A. Wrigley, *Population and History*; The World Bank, *Population Change and Economic Development*.

Examination Arrangements: There will be a three hour written examination in the Summer Term. The paper will require four questions to be answered, two relating to the core part of the course and two relating to the chosen option.

Pn8110

Demographic Techniques and Analysis

Teacher Responsible: Mr. C. M. Langford, Room X310

Course Intended Primarily for M.Sc. Statistics: students intending to undertake the course should contact Mr. Langford in the first instance.

Core Syllabus: The course is intended to cover the main aspects of the measurement and analysis of major demographic variables with special reference to developing countries.

Course Content: The following courses comprise the basis for this paper:

Pn151 **The Analysis of Fertility and Mortality**

deals with measures of marital and overall fertility, nuptiality and replacement; intermediate fertility variables and models of fertility; the construction and interpretation of life tables and other measures of mortality; model life tables and the concepts of stationary and stable populations.

Pn153 **The Collection of Demographic Data.** The historical development of demographic statistics. The stages involved in planning a census. The content of census and survey schedules. Basic response errors. The structure of census organisations. Vital registration. Types of demographic sample survey. The World Fertility survey programme.

Pn155 **Indirect Demographic Estimation** introduces techniques for estimating demographic parameters from unconventional or limited data sources with particular attention to fertility and mortality.

Pn156 **The Analysis of Demographic Event Histories** covers frameworks and procedures of analysis for event history data, particularly those emanating from retrospective demographic surveys.

Pn161 **Fertility and Mortality in their Socio-Economic Context Seminars** on current research and work in progress given by invited speakers, often from outside the School.

Teaching Arrangements: Lectures; Pn151 20 Michaelmas Term; Pn153 10 Michaelmas Term; Pn155 10 Lent Term; Pn156 10 Lent Term; Pn161 19 Michaelmas and Lent Terms.

Classes: Pn151a 20 Michaelmas Term; Pn153a 10 Michaelmas Term; Pn155 10 Lent Term; Pn156a 10 Lent Term.

Reading List: Reading lists will be given out in the appropriate courses.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term.

Department of Social Psychology

M.Sc. Social and Organisational Psychology

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Students are required to be examined on elements to a value of four units as detailed below. Precise examination arrangements for each paper are listed under each course guide.

Paper Number	Paper Title	Course Guide Number
I.	Contemporary Social Psychology	Ps6423
II.	Courses to a value of two units as follows:	
A.	One or two of the following full-units:	
(a)	Thought and Language (Advanced) (Pre-requisite: Cognitive Psychology or equivalent course)	Ps6441
(b)	Cognition and Social Behaviour (Advanced) (not available 1994-95)	Ps6435
(c)	Social Psychology and Society (Advanced)	Ps6436
(d)	Organisational Social Psychology (Advanced)	Ps6440
B.	No more than two of the following half-units:	
(e)	Social Representations (Advanced)	Ps6424
(f)	History of Psychology (Advanced)	Ps6442
(g)	Cognitive Development (Advanced) (not available 1994-95)	Ps6431
(h)	The Social Psychology of Economic Life (Advanced)	Ps6426
(i)	The Social Psychology of the Media (Advanced)	Ps6416
(j)	Decision-Making and Decision Support Systems (Advanced) (not available 1994-95)	Ps6419
(k)	The Psychology of Gender (Advanced)	Ps6428
(l)	The Audience in Mass Communications (Advanced)	Ps6429
(m)	Political Beliefs and Behaviour (Advanced) (not available 1994-95)	Ps6438
(n)	Philosophical Psychology (Advanced) (not available 1994-95)	Ps6443
(o)	Cognitive Science and Natural Language (Advanced) (not available 1994-95)	Ps6439
(p)	Issues in Social Psychology	Ps6490
(q)	Social Psychology of Health (Advanced)	Ps6433
(r)	Paper(s) to the value of one unit from any other course for the M.Sc. in the Faculty of Economics	
	Options will not all necessarily be available in any one year.	
III.	A report of not more than 10,000 words on a topic approved by the candidate's supervisor	Ps6495
IV.	Methods of Research in Social Behaviour (Alternatively, students may wish to take Methods of Research in Social Psychology Ps6498 for a more comprehensive knowledge of research methods, in which case they should take only one half unit option under Part II)	Ps6496

Students following a part-time course may, with the approval of the School, take the examination in two parts.

Dates of Examination

Written papers	June
Report	30 June

M.Sc. Social Psychology**Examination**

Students are required to be examined on elements to a value of four units as detailed below. Precise examination arrangements for each paper are listed under each course guide.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Contemporary Social Psychology	Ps6423
II.	Two of the following, selected with the approval of the candidate's teachers:	
	(a) Social Representations (Advanced)	Ps6424
	(b) The Psychology of Economic Life (Advanced)	Ps6426
	(c) The Psychology of Gender (Advanced)	Ps6428
	(d) The Audience in Mass Communications (Advanced)	Ps6429
	(e) History of Psychology (Advanced)	Ps6642
	(f) Cognitive Development (Advanced) (<i>not available 1994-95</i>)	Ps6431
	(g) The Social Psychology of the Media (Advanced)	Ps6416
	(h) Decision Making and Decision Support Systems (Advanced) (<i>not available 1994-95</i>)	Ps6419
	(i) Political Beliefs and Behaviour (Advanced) (<i>not available 1994-95</i>)	Ps6438
	(j) Philosophical Psychology (Advanced) (<i>not available 1994-95</i>)	Ps6643
	(k) Issues in Social Psychology	Ps6490
	(l) Cognitive Science and Natural Language (Advanced) (<i>not available 1994-95</i>)	Ps6439
	(m) Social Psychology of Health (Advanced)	Ps6433
	Options will not all necessarily be available in any one year.	
III.	A Report of not more than 15,000 words on a project approved by the candidate's teachers	Ps6499
IV.	Methods of Research in Social Psychology	Ps6498

Students following a part-time course may, with the approval of the School, take the examination in two parts.

Dates of Examination

Written papers	June
Report	30 June

M.Sc. Media and Communications (Theories, Concepts and Methods)**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Students are required to be examined on elements to a value of four units as detailed below with the approval of the candidate's teachers. Unless otherwise specified, all courses in list below have a value of one whole unit. Precise examination arrangements for each paper are listed under each course guide. Not all of the optional courses will be available in any one year.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.	Theories and Concepts in Media and Communications	Ps6455
II.	Methods of Research in Media and Communications (half unit)	Ps6456
III.	Plus courses to a value of one and a half units chosen from the following with the approval of the candidate's teachers:	
	(a) Media and Politics (half unit)	Ps6458
	(b) Comparative Media Systems (half unit)	Ps6459
	(c) The Audience in Mass Communications (Advanced) (half unit)	Ps6429
	(d) Social Psychology of the Media (Advanced) (half unit)	Ps6416
	(e) Society, Culture, Media (<i>not available 1994-95</i>)	So6884
	(f) Marketing and Market Research: An Introduction for Post-Graduates (half unit)	Mn8412
	(g) Current Issues in Media and Communications (half unit)	Ps6457
	(h) Issues in Social Psychology (half unit)	Ps6490
	(i) Organisational Social Psychology (Advanced)	Ps6440
	(j) Social Representations (Advanced) (half unit)	Ps6424
	(k) The Social Psychology of Economic Life (Advanced) (half unit)	
	(l) Any other paper which is offered in the School at Master's level, subject to the consent of the candidate's teachers	
IV.	A research report of not more than 10,000 words on a topic in media and communications approved by the candidate's teachers	Ps6494

Part-time students may, with the approval of the School, take the examination in two parts.

Dates of Examination

Written papers	June
Report	First week in September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Course Guide Number</i>
Ps114	Thought and Language Mr. A. Wells and Dr. B. Franks	30/ML Ps6441

Lecture/ Seminar Number			Course Guide Number
Ps115	Cognition and Social Behaviour (Not available 1994-95) Dr. G. D. Gaskell	30/ML	Ps6435
Ps117	Social Psychology and Society Dr. C. Campbell	30/ML	Ps6436
Ps118	Cognitive Development (Not available 1994-95)	10/L	Ps6431
Ps119	Political Beliefs and Behaviour (Not available 1994-95)	10/L	Ps6438
Ps120	Organisational Social Psychology Professor P. C. Humphreys and Dr. G. D. Gaskell	30/ML	Ps6440
Ps124	Social Psychology of Health	10/L	Ps6433
Ps150	Social Representations Professor R. M. Farr	20/L	Ps6424
Ps151	History of Psychology (Not available 1994-95) Professor R. M. Farr	20/L	Ps6442
Ps152	Philosophical Psychology (Not available 1994-95) Mr. A. Wells and Dr. B Franks	15/L	Ps6443
Ps155	The Social Psychology of the Media Professor P. C. Humphreys and Dr. D. Berkeley	15/L	Ps6416
Ps156	The Social Psychology of Economic Life Dr. G. D. Gaskell	20/L	Ps6426
Ps157	Psychology of Gender Dr. J. E. Stockdale	10/L	Ps6428
Ps158	The Audience in Mass Communications Dr. S. M. Livingstone	15/L	Ps6429

Lecture/ Seminar Number			Course Guide Number
Ps159	Decision Making and Decision Support Systems (Not available 1994-95) Professor P. C. Humphreys	10/L	Ps6419
Ps160	Contemporary Social Psychology Professor Rob Farr	20/ML	Ps6423
Ps161	Cognitive Science and Natural Language (Not available 1994-95) Dr. B. Franks	20/ML	Ps6439
Ps165	Methods of Research in Social Psychology (i) Principles of Social Research and Research Techniques (ii) Advanced Data Analysis Mr. P. Jackson, Professor P. C. Humphreys and others	16/ML 17/ML	Ps6498; Ps6496
Ps166	Methods of Research in Media and Communications Dr. G. D. Gaskell, Dr. S. M. Livingstone and others	16/M	Ps6456
Ps167	Theories and Concepts in Media and Communications Dr. S. M. Livingstone and others	20/ML	Ps6455
Ps168	Issues in Social Psychology Dr. J. White	10/L	Ps6490

Course Guides

Psychology (Seminar)

Teacher Responsible: Professor P. C. Humphreys, Room S303

Course Intended Primarily for graduate students; B.Sc. c.u. main field Social Psychology 3rd year.

Teaching Arrangements: Fortnightly seminars (Ps169) Sessional. Papers will be presented by outside speakers.

Examination Arrangements: Non-examinable.

Ps169

Social Psychology of the Media (Advanced) (Half unit course)

Teacher Responsible: Professor Patrick Humphreys, Room S303. Other teacher involved Dr. Dina Berkeley

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Social & Organisational Psychology, M.Sc. Media and Communications; other interested students with appropriate prerequisites.

Course Content: Conceptualisations of the media in terms of a system in context, and in terms of communication; interpretation of contents and effects. Political communication: techniques, analysis, inter-

pretation. The power and social context of the media. Influence of the social context in imposing restrictions on the various forms of the media. Conflicting views on children and the media; children as an active audience. Drama and story-telling in the media, dramatic versus epic forms of theatre. Propaganda through the media; war propaganda, election campaigns, encouragement of stereotypes, mediation of myths. Publicity and advertising: contexts, methods and mechanisms. The media as agents of planned social change: health campaigns. Creating social reality: the process of news selection and construction.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: Lecture/seminar (Ps155) (2 hours) x 10 Lent Term; Classes (Ps155) (1 hour) x 5 fortnightly, devoted to in-depth analysis of specific material.

Written Work: 5,000 word written assignment required.

Reading List: J. Fiske, *Television Culture*, Routledge, 1987; T. Bennett, S. Boyd-Bowman, C. Mercer & J. Woollacott (Eds.), *Popular Television and Film*, BFI-Open University Press, 1981; J. Hartley, *Understanding News*, Methuen, 1982; M. Blonsky, *On Signs*, Macmillan, 1985; J. Curran, J. Ecclestone, G. Oakley & A. Richardson (Eds.), *Bending Reality: The State of the Media*, Pluto Press, 1986.

Additional reading lists will be given out at the beginning of the Session.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6419

Decision Making and Decision Support Systems (Advanced) (Half unit course)

(Not available 1994-95)

Teacher Responsible: Professor P. C. Humphreys, Room S303

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Social ; students taking other courses which permit an outside paper are also welcome.

Course Content: This course examines issues in personal and social decision making, looking at how we can describe the processes involved in forming judgements, planning actions and evaluating their consequences; what happens in societal decision making when people have conflicting objectives; how risk is experienced and analysed. Techniques for aiding decision making are explored, and ways in which decision support systems may be embedded in processes supporting organisational management and change are investigated.

Pre-Requisites: Some background knowledge is desirable in one or more of the fields of cognitive psychology, operations research, systems analysis, organisational behaviour or management. Only a very

elementary level of mathematical ability is assumed.

Teaching Arrangements: Lecture/seminar (Ps159) (2 hours) x 10 Lent Term. Interactive computer-based techniques for modelling and aiding decision making will be introduced through the seminar; Class (Ps159) (1 hour) x 5 fortnightly Lent Term in which students will have the opportunity to explore these techniques further.

Written Work: A 5,000 word written assignment is required.

Reading List: J. S. Carrol & E. J. Johnson, *Decision Research: A Field Guide*, LEA, 1990; P. C. Humphreys, O. Svenson & A. Vari (Eds.), *Analysing and Aiding Decision Processes*, North Holland, 1983; I. L. Janis & L. Mann, *Decision Making*, Free Press, 1977; F. Heller, *Decision Making and Leadership*, Tavistock, 1992; J. Hawgood & P. C. Humphreys (Eds.), *Effective Decision Support Systems*, Technical Press, 1987; H. G. Sol & J. Vecsenyi (Eds.), *Environments for Supporting Decision Processes*, North Holland, 1991; E. McLean & H. G. Sol, *Decision Support Systems: A Decade in Perspective*, North Holland, 1987.

Detailed reading lists will be given out at the beginning of the term.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6423

Contemporary Social Psychology

Teacher Responsible: Professor Rob Farr, Room S364

Course Intended Primarily for M.Sc. Social Psychology; M.Sc. Social & Organisational Psychology. Students taking other M.Sc. courses are also welcome.

Course Content: Modern social psychology in its historical context. Sociological as well as psychological forms of social psychology. The theory of social representations and its critics. Expressions, impressions and the social psychology of the self. Attitudes and their relation to behaviour. Theories of attitude change. The study of widespread beliefs. Attribution theories and interpersonal and intergroup behaviour. Social identity theory and relative deprivation. Models of the audience in relation to the mass media of communication. The effects of the mass media. The social psychology of language.

Pre-Requisites: None for psychology students, other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps160) (2 hours) x 20 Michaelmas Term.

Written Work: 2 written assignments of not more than 5,000 words each required.

Reading List: G. Collier, H. L. Milton & G. Reynolds, *Currents of Thought in American Social Psychology*, Oxford University Press, 1991; R. Brown, *Social Psychology*, 2nd edn. Collier-Macmillan, New York 1986, (set text); E. E. Jones, *Interpersonal Perception*, Freeman, 1990; H. Tajfel,

Human Groups and Social Categories; Studies in Social Psychology, Cambridge University Press, 1981; C. Fraser & G. Gaskell, *The Social Psychological Study of Widespread Beliefs*, Clarendon Press, 1990; R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; M. Hewstone, *Casual Attribution; From cognitive processes to collective beliefs*. Blackwell 1989; S. Livingstone, *Making Sense of Television*, Pergamon, 1990.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of 10 [50%]
2. 2 written assignments of not more than 5,000 words each [50%]

Ps6424

Social Representations (Advanced) (Half unit course)

Teacher Responsible: Professor R. M. Farr, Room S364

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Media and Communications and M.Sc. Social & Organisational Psychology.

Course Content: Moscovici's study of psycho-analysis and his choice of Durkheim as the ancestor of this tradition of research. Social representations of health (including mental health), handicap and illness. Social representations of childhood. Common sense, science and social representations. The relationship between theory and method in the study of social representations. The theory and some of its critics. The relationship between social representations and attitudes, stereotypes, public opinion, ideology and attributions. Individual representations and the collective representation of the individual. The collective nature of widespread beliefs e.g. scripts, plans, scenarios, narratives, etc. The role of the mass media of communication in the creation and dissemination of representations. Is this tradition of research an anthropology of modern life or a historical social psychology?

Pre-Requisites: An advanced knowledge of psychology, sociology, anthropology or philosophy.

Teaching Arrangements: Lecture (Ps150) (1 hour) x 10 Lent Term; Class (Ps150b) (1 hour) x 10 Lent Term.

Written Work: A 5,000 word written assignment required.

Reading List: Set text: D. Jodelet, *Madness and Social Representations*, Harvester/Wheatshaf (1991).

Other texts: R. M. Farr & S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; C. Fraser & G. Gaskell (Eds.), *The Social Psychological Study of Widespread Beliefs*, Clarendon Press, 1990; R. M. Farr (Guest Editor), *Journal for the Theory of Social Behaviour*, Vol. 17, No. 4. Special Issues on 'Social Representations' 1987; S. Moscovici, *The Age of the Crowd: A historical treatise on mass psychology*, Cambridge University Press, 1985; L. Wolpert, *The Unnatural Nature of Science*, Faber and Faber, 1992.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6426

The Social Psychology of Economic Life (Advanced) (Half unit course)

Teacher Responsible: Dr. G. Gaskell, Room S307
Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Social & Organisational Psychology and other M.Sc. students at the discretion of the teacher.

Course Content: Economic Psychology. The development and change of economic values, the meaning of work and effects of unemployment. Consumer behaviour, decision taking and the process of fashion. Equity, fairness and taxation. Advertising and social marketing.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps156) (1 hour) x 10 Lent Term; Class (Ps156b) x 10 Lent Term.

Written Work: A 5,000 word written assignment required.

Reading List: Reading lists will be provided for each topic, the following are of general use; S. E. G. Lea, R. M. Tardy & P. Webley, *The Individual in the Economy*, Cambridge University Press, 1987; B. Roberts & P. Warr, *Unemployment and Mental Health*, Clarendon Press, 1987; A. Furnham & A. Lewis, *The Economic Mind*, Harvester, 1986.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6428

Psychology of Gender (Advanced) (Half unit course)

Teacher Responsible: Dr. J. E. Stockdale, Room S386

Course Intended Primarily for M.Sc. Social Psychology and M.Sc. Social & Organisational Psychology, and M.Sc. Gender Studies.

Course Content: Psychological gender attributes and their measurement; sex-role stereotyping, sex-typing and the role of cognitive schemes; identity and moral development; communication, and emotional expression; stress and mental health; cognitive abilities; education; work and leisure; male-female relations, harassment and violence; and opportunity, achievement and the societal context. The measurement and evaluation of gender differences and social-psychological theories of gender-related behaviour are recurrent themes.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminar (Ps157) (2 hours) x 10 Lent Term; Class (Ps157b) (1 hour) x 5 fortnightly Lent Term.

Written Work: A 5,000 word written assignment is required.

Reading List: S. Oskamp & M. Costanzo (Eds.), *Gender Issues in Contemporary Society*, Sage, 1993; P. Shaver & C. Hendrick (Eds.), *Sex and Gender*, Sage, 1987; M. S. Kimmel, *Changing Men: New Directions in Research on Men and Masculinity*, Sage, 1987; M. R. Walsh (Ed.), *The Psychology of Women: Ongoing Debates*, Yale University Press, 1987.

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

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6429

The Audience in Mass Communications (Advanced) (Half unit course)

Teacher Responsible: Dr. S. M. Livingstone

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Media and Communications and M.Sc. Social & Organisational Psychology.

Course Content: The psychology of the television audience. The reception of television programmes. The links between theories of interpersonal and mass communications. Approaches to the television audience; the disappearing audience; the active audience; the critical audience. Comprehension and interpretation of texts by readers. Empirical research on audience reception, focussing on specific genres such as the audience discussion programme and the soap opera. Issues of gender, class and culture in audience interpretation. Methods of studying audiences. Developing models of communication and the future of audience research.

Teaching Arrangements: Lecture (Ps158) (1 hour) x 10 Lent Term; Class (2 hours) x 5 fortnightly Lent Term (Ps158).

Written Work: A 5,000 word written assignment is required.

Reading List: S. M. Livingstone, *Making Sense of Television*, Pergamon, 1990; J. Fiske, *Television Culture*, Routledge, 1987; T. Liebes & E. Katz, *The Export of Meaning*, Oxford, 1990; R. P. Hawkins, Weimann & Pingree, *Advancing Communication Science*, Sage, 1988; European Journal of Communication, 'Communication Research in Europe', Special Issue, Vol. 2-3, 1990. A number of more specialised texts will also be recommended.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6431

Cognitive Development (Advanced) (Half unit course)

(Not available 1994-95)

Course Intended Primarily for M.Sc. Social Psychology and M.Sc. Social & Organisational Psychology.

Course Content: Conditions for theories of cognitive development. Piaget's theory of intelligence in early childhood, especially in relation to number development and quantity reasoning. Theories of information processing and the role of memory in cognitive development. The role of innate factors in development, especially in relation to language development. Learning difficulties.

Pre-Requisites: Introductory courses in developmental and cognitive psychology.

Teaching Arrangements: Lecture/seminar (Ps118) (2 hours) x 10 Lent Term of which half will be a lecture and half a discussion; Class (Ps118a) (1 hour) x 5 fortnightly Lent Term.

Written Work: A 5,000 word written assignment required.

Reading List: M. Boden, *Piaget*, Fontana, 1979; J. McShane, *Cognitive Development: An Information Processing Approach*, Basil Blackwell, 1991. R. J. Sternberg (Ed.), *Mechanisms of Cognitive Development*, W. H. Freeman, 1984.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6433

Social Psychology of Health (Advanced) (Half unit course)

Teacher Responsible: Dr. Catherine Campbell, Room S387. Other teachers: Dr. Dina Berkeley and Professor Patrick Humphreys

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Social & Organisational Psychology.

Core Syllabus: The application of social psychology to concepts, systems and problems of health and well-being in their social context.

Course Content: Health and well-being: support, stresses and illness in the social context. Systems approach: the individual (i) as a bio-psycho-social system, (ii) located within family/community/social networks/local cultures. Socially ascribed definitions of health and illness: myths, normality and deviance; tolerance and acceptance of responsibility by the community. Epidemiological patterns and their interpretation: gender, class, age, region, ethnic minorities. Primary preventative health care systems: facilitation vs promotion vs prevention vs cure. Dominant and alternative models of intervention and therapy. Handling health problems; the ICPC episode model; encounters; communication and decision-making in social networks. Levels of health management: self, face to group, community, regional strategies.

Pre-Requisites: None for psychology students, other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/Seminar (Ps124) (2 hours) x 10 Lent Term. Class (Ps124a) (1 hour) x 5 fortnightly, directed to indepth analysis of specific material.

Written Work: 5,000 word written assignment required.

Reading List: A. Beattie, M. Gott, L. Jones & M. Sidell (Eds.), *Health and Wellbeing: A Reader*, Macmillan/Open University, 1993; C. L. Cooper, R. D. Cooper & L. H. Eaker, *Living with Stress*, Penguin, Harmondsworth, 1988; P. Bennett, J. Weinman & P. Spurgeon, *Current Developments in Health Psychology*, Harwood, 1990; V. Coleman, *The Health Scandal*, Sigwick & Jackson, 1988; C. Herzlich, *Health and Illness*, Academic Press, 1973; M. Foucault, *Mental Illness and Psychology*, Harper & Row, New York, 1976; H. J. Bursztajn, R. I. Feinbloom, R. M. Hamm & A. Brodsky *Medical Choices, Medical Chances*, Routledge, 1990.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6435

Cognition and Social Behaviour (Advanced)

(Not available 1994-95)

Teacher Responsible: Dr. G. Gaskell, Room S307

Course Intended Primarily for M.Sc. Social & Organisational Psychology; other students may attend at the discretion of the teacher.

Course Content:

Social psychology has always recognised the importance of cognitive factors even when the rest of the discipline was behaviouristic in focus. For some 20 years cognitive social psychology has been an important and expanding area of research. Cognitive and motivational factors affect social behaviour while in turn the social context and behaviour influence cognition and motivation. Within this broad orientation this course is in three related sections. The first considers the development of theories and methods of the concept of the attitude, the relations between attitudes and behaviour, how the social context shapes attitudes and the approaches of widespread beliefs and social representations. Social Identity Theory and Relative Deprivation Theory are discussed showing the links between the social group and individual cognition. The second focuses on attribution theories and their applications, for example depression, achievement and personal control. Cognitive heuristics, errors and biases in attributional processes. The third section considers cross-disciplinary applications of social and cognitive psychology in relation to issues in survey methodology and eye witness testimony.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminar (Ps115) (1½ hours) x 20 Michaelmas Term; seminars (Ps115) (1 hour) x 10 Lent Term. Additional tutorial arrangements will be made for M.Sc. students.

Written Work: 1 written assignment of not more than 5,000 words. Students will be required to prepare material for presentation at seminars.

Reading List: Reading lists will be distributed during the course. J. R. Eiser, *Cognitive Social Psychology*, McGraw Hill, 1980; J. P. Forgas (Ed.), *Social Cognition*, Academic Press, 1981; M. Hewstone (Ed.), *Attribution Theory*, Blackwell, 1983; S. T. Fiske & S. E. Taylor, *Social Cognition*, Addison Wesley, 1984.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of 10 [75%].
2. 1 written assignment of not more than 5,000 words [25%]

Ps6436

Social Psychology and Society (Advanced)

Teacher Responsible: Dr. C. Campbell, Room S387

Course Intended Primarily for M.Sc. Social & Organisational Psychology; other students may attend at the discretion of the teacher.

Course Content: Social psychology and social life, addressing the relevance of social psychology to social issues and problems, and practical and theoretical aspects of doing research in society. The usefulness of 'applied' research is examined both to social issues, and to improved theoretical understanding of social processes. The course will focus on various theoretical contributions to our understanding of (i) social change, (ii) the formation of personal and social identities, (iii) racism and social inequalities, (iv) stereotypes and prejudices, and (v) collective behaviour, especially political violence. A range of theoretical perspectives are addressed with particular emphasis on sociological forms of social psychology to contemporary social life. Specific topics may include (i) environmental issues, (ii) madness, (iii) collective memory, (iv) social and collective identity. The benefits and problems associated with various methodological approaches (including participant observation, ethnomethodology, interviewing, group discussions) will also be discussed.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminar (Ps117) (1.5 hours) x 20 Michaelmas Term; Seminar (Ps117) (1 hour) x 10 Lent Term. Additional tutorial arrangements will be made for MSc students.

Written Work: 1 written assignments of not more than 5,000 words and class presentations will be required.

Reading List: A detailed reading list will be handed out at the beginning of the course.

J. Duckitt, *The Social Psychology of Prejudice*, Praeger, 1992; D. T. Goldberg, *Racist Culture: Philosophy and the politics of meaning*, Blackwell, 1993; J. Turner, *Rediscovering the Social Group: A self-categorisation theory*, Blackwell, 1987; M. Wetherell & J. Potter, *Mapping the Language of Racism: Discourse and the legitimisation of exploitation*, Harvester Wheatsheaf, 1992; R. Farr & S. Moscovici (Eds), *Social Representations*, Cambridge University Press, 1984; G. Breakwell & D. Canter, *Empirical Approaches to Social Representations*,

Clarendon Press, 1993.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of 10 [75%]
2. 1 written assignment of not more than 5,000 words [25%]

Ps6438

Political Beliefs and Behaviour (Advanced) (Half unit course)

(Not available 1994-95)

Course Intended Primarily for M.Sc. Social Psychology; M.Sc. Social & Organisational Psychology. Students taking other courses who can take an outside paper are also welcome.

Course Content: The course examines research into the political beliefs and behaviour of citizens in Western democracies. Most attention is given to survey research undertaken in Britain and the United States. The literature on which the course is based is interdisciplinary and includes contributions from political scientists, sociologists and psychologists. Competing models of voting behaviour; Ideology and political attitudes; Authoritarianism; Social structure and political behaviour; Political tolerance; Recent changes in political attitudes, values and behaviour.

Pre-Requisites: Some background knowledge of survey research methodology and attitude research is desirable.

Teaching Arrangements: Lecture (Ps119) (1 hour) x 10 Lent Term; Class (Ps119) x 10 Lent Term.

Preliminary Reading List: P. Abramson, *Political Attitudes in America*, W. H. Freeman, San Francisco, 1983; G. Evans, J. Field & S. Witherspoon, *Understanding Political Change*, Pergamon, Oxford, 1991; H. Himmelweit, H. Humphreys & M. Jeager, *How Voters Decide*, OUP, Milton Keynes, 1985; D. R. Kinder & D. O. Sears, 'Public opinion and political protests' in G. Lindzey & E. Aronson (Eds.), *Handbook of Social Psychology*, Vol. 2 (3rd edn.), Random House, New York.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%].

Ps6439

Cognitive Science and Natural Language (Advanced) (Half unit course)

(Not available 1994-95)

Teacher Responsible: Dr. Bradley Franks

Course Intended Primarily for M.Sc. Social Psychology and M.Sc. Social & Organisational Psychology.

Course Content: Nature and problems of cognitive science. Semantic, syntactic and lexical knowledge. Semantics: compositionality; sense and reference; opacity; proper names and descriptions; possible worlds semantics. Grammar: phrase structure gram-

mar; unification; categorial grammar. Parsing: augmented and recursive transition networks; shift-reduce parsers. Psycholinguistics: models of the human sentence processing mechanism and lexical access. World knowledge and lexical semantics: concepts, typicality and word meaning; intensional and extensional models; sense generation; default inheritance in knowledge representation; nonmonotonic inference.

Pre-Requisites: None for psychology students. Other students may attend at the discretion of the teacher.

Teaching Arrangements: Lecture/seminar (Ps161) (2 hours) x 10 Lent Term. Class (Ps161) (1 hour) x 10 Lent Term.

Written Work: 5,000 word essay required.

Preliminary Reading List: No single text covers the course. Detailed reading lists will be provided for the individual blocks. Some introductory sources are the relevant chapters in: P. N. Johnson-Laird, *Mental Models*, Cambridge, 1983; N. Stillings *et al.*, *Cognitive Science*, MIT Press, 1987.

Slightly more technical sources are: J. Allen, *Natural Language Understanding*, Benjamin Cummings, 1987; B. Grosz *et al.*, (Eds), *Readings in Natural Language Processing*, Morgan Kaufman, 1986; G. Chierchia & S. McConnell-Gillett, *Meaning and Grammar*, MIT, 1990.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%]
2. A written assignment of not more than 5,000 words [50%]

Ps6440

Organisational Social Psychology (Advanced)

Teachers Responsible: Professor P. C. Humphreys, Room S303. Other teachers: Dr. G. Gaskell, Dr. D. Berkeley and Dr. M. Bauer

Course Intended Primarily for M.Sc. Social & Organisational Psychology, M.Sc. Media and Communications, other students may attend with the discretion of the teacher.

Course Content: The course addresses both the social psychology of organisations and social psychological processes within organisations. It also provides multidisciplinary coverage of the organisational contexts in which social psychologists may work in a variety of professional domains. A basic familiarity with social psychological methods is assumed but their application within organisational processes and contexts will be examined in detail within the course. Organisational investigation, modelling, decision making and change management techniques are covered with emphasis on their social psychological aspects.

Lectures/seminars in the Michaelmas Term: Introduction: Critique of the tradition and logic underlying organisational psychology (to adapt, predict and control human behaviour); understanding and aiding the creative transformation of organisations; sensitivity to local cultural and social conditions; the language of observation and the language of action. History of organisational analysis: "scien-

tific" management and the development of time and motion. Technology as a political tool. The autonomous working groups and its origins in the human relations movement. The open-systems approach. Motivation and work: ration-economic, social relations and self actualising models of worker motivation. Job design, work activities and effects. Organisational structure: leadership and the concept of bureaucracy; organisational culture, group processes, decision taking; organisations as self-active systems. Structuring organisational decision problems: representation techniques and techniques to improve communicative competence, frameworks for understanding organisational decision making. Organisations as systems: concepts and methodologies, resistance to change, problems and possibilities of doing research in organisations. Implications for practice.

Seminars in the Lent Term: These will centre around discussion of practical and research applications in domains where organisational social psychological investigation and analysis may play a leading role. Each topic will be presented by a member of LSE staff or invited external expert working in the domain. Topics will include project management, consultancy in practice, technology assessment, human reliability and safety management, group psychotherapy and organisational development.

Pre-Requisites: None for psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps120) (1 1/2 hour) x 20 Michaelmas Term; Seminar (Ps120) (1 hour) x 10 Lent Term. Class (Ps120) (1 hour) x 5 fortnightly Michaelmas Term devoted to the further analysis of specific organisational issues. Students also participate in the organisation of the seminars in the Lent Term.

Written Work: 1 written assignment of not more than 5,000 words. Students will also be required to prepare material for presentation at seminars.

Reading List: Reading lists on specific topics will be distributed during the course. Texts which are recommended for general use throughout the course are: M. Jackson, *Systems Methodologies for the Management Sciences*, Plennen 1991; E. H. Schein, *Organisational Psychology*, (3rd Edn.), Prentice Hall, 1988; G. Morgan, *Images of Organisation*, Sage, 1986; C. B. Handy, *Understanding Organisations*, (3rd Edn.), Penguin 1985; E. Jaques, *Requisite Organisation*, Casson Hall, 1989; A. Bryman (Ed.), *Doing Research in Organisations*, Routledge, 1988.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of 10 [75%]
2. 1 written assignment of not more than 5,000 words [25%]

Ps6441

Thought and Language (Advanced)

Teachers Responsible: Dr. B. Franks, Room S385 and Mr. A. Wells, Room S384

Course Intended Primarily for M.Sc. Social & Organisational Psychology; Other students may

attend at the discretion of the teacher responsible.

Course Content: The interdisciplinary nature of cognitive science is demonstrated by discussion of the relations between cognitive processes, syntax and semantics. The facts of human learning and processing capacities are seen to place powerful constraints on acceptable theories and models. The crucial issues are exemplified in the debate about appropriate computational architectures for cognitive modelling. Topics covered include parsing and its relations to cognition and computational complexity; finite automata and Turing machines; connectionist, classical and hybrid modelling; knowledge representation; semantics and inference.

Pre-Requisites: Cognitive Science I or an equivalent course.

Teaching Arrangements: Lecture (Ps114) (1.5 hours) x 20 Michaelmas Term; Seminar (Ps114) (1 hour) x 10 Lent Term. Additional tutorial arrangements will be made for M.Sc. students.

Written Work: 1 written assignment of not more than 5,000 words and class presentations will be required.

Reading List: J. Allen, *Natural Language Understanding*, Cummings, 1987; W. Bechtel & A. Abrahamson, *Connectionism and the Mind: An Introduction to Parallel Processing in Networks*, Blackwell, 1991; L. T. F. Gamut, *Logic, Language and Meaning*, Vols. 1 & 2, University of Chicago Press, 1991; J. Holland *et al.*, *Introduction: Processes of Inference, Learning and Discovery*, MIT Press, 1987; W. G. Lycan (Ed.), *Mind and Cognition. A Reader*, Blackwell, 1990; L. Nadel *et al.*, *Neural Connections, Mental Computation*, MIT Press, 1989; A. Newell, *Unified Theories of Cognition*, Harvard University Press, 1990; D. Osherson *et al.*, *An Invitation to Cognitive Science*, Vols. 1-3, MIT Press, 1990.

Detailed reading lists will be provided during the course.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of 10 [75%]
2. 1 written assignment of not more than 5,000 words [25%]

Ps6442

History of Psychology (Advanced) (Half unit course)

(Not available 1994-95)

Teacher Responsible: Professor R. M. Farr, Room S364

Course Intended Primarily for M.Sc. Social & Organisational Psychology; M.Sc. Social Psychology.

Course Content: The long past and the short history of psychology. The influence of positivism both in and on the history of psychology. The creation of false origin myths and the choice of ancestors. The uses of history for apologetic purposes. The emergence, in Germany, of psychology as an experimental and social science. The influence of Wundt on the development of social sciences other than psychology. The development of psychology in Russia. Links

between social psychology and psychopathology in the writings of Taine, Sighele, Le Bon and Tarde. F. H. Allport and the establishment, in America, of social psychology as an experimental and social science. Successive *Handbooks of Social Psychology*, 1935-85. Varieties of behaviourism - Watson, Mead and Skinner. The migration of the Gestalt psychologists from Germany and Austria to America.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture (Ps151) (1 hour) x 10 Lent Term; Class (Ps151b) (1 hour) x 10 Lent Term.

Written Work: A 5,000 word written assignment required.

Reading List: F. K. Ringer, *The Decline of the German Mandarins: The German academic community, 1890-1933*, Harvard University Press, 1969; K. Danziger, 'The Positivist Repudiation of Wundt', *Journal of the History of the Behavioural Sciences*, 15, 1979; D. Joravsky, *Russian Psychology: A critical history*, Blackwell, 1989; J. Van Ginneken, *Crowds, Psychology and Politics, 1871-1899*, Cambridge University Press, 1992; R. M. Farr, 'The Long Past and the Short History of Social Psychology', *European Journal of Social Psychology*, Vol. 21, No. 5, 1991; J. M. O'Donnell, *The Origins of Behaviourism: American Psychology 1870-1920*, New York University Press, 1985; K. Danziger, *Constructing the Subject: Historical Origins of Psychological Research*, Cambridge University Press, 1990; K. W. Buchley, *Mechanical Man: John Broadus Watson and the beginnings of behaviourism*, New York: Guilford Press, 1989.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%] 2. A written assignment of not more than 5,000 words [50%].

Ps6443

Philosophical Psychology (Advanced) (Half unit course)

(Not available 1994-95)

Teacher Responsible: Mr. A. Wells, Room S384

Course Intended Primarily for M.Sc. Social Psychology and M.Sc. Social & Organisational Psychology.

Course Content: Historical approaches to the Mind-Body problem from Descartes to Davidson; dualist, behaviourist, identity and functionalist accounts of the mind-body relation. The requirements on a theory of meaning: Frege, Russell and Strawson. The Realism/Anti-Realism debate: Dummett and psychology. Externalism: a realist riposte.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher responsible.

Teaching Arrangements: Lecture/seminars (Ps152) (2 hours) x 10 Lent Term; class (Ps152) (1 hour) x 5 Lent Term.

Written Work: 5,000 word written assignment required.

Reading List: W. Bechtel, *Philosophy of Mind. An Overview for Cognitive Science*, Lawrence Erlbaum Associates, 1988; P. M. Churchland, *Matter and Consciousness*, MIT Press, 1988; M. Dummett, *Truth and Other Enigmas*, 1978; J. A. Fodor, *The Language of Thought*, Harvester Press, 1975; A. Grayling, *An Introduction to Philosophical Logic*, Duckworth, 1990; M. Lockwood, *Mind, Brain and the Quantum: The Compound T*, Blackwell, 1989; W. G. Lycan, *Mind and Cognition: A Reader*, Blackwell, 1990; C. McGinn, *Mental Content*, Blackwell, 1989.

Examination Arrangements:

1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 [50%] 2. A written assignment of not more than 5,000 words [50%].

Ps6455

Theories and Concepts in Media and Communications

Teachers Responsible: Dr. S. M. Livingstone with others

Course Intended Primarily for M.Sc. Media and Communications. Students taking other M. Sc. courses may also attend at the discretion of the teacher responsible.

Course Content: An interdisciplinary, theoretical course to serve as the core course for M.Sc. Media and Communications, covering selected topics in modern media and communications research and addressing key concepts and debates at an advanced level, together with a strong element of practical/professional relevance, as contributed by visiting media professionals. Topics will be chosen from among the following: traditions, debates and concepts in mass communications research, mass media and society, mass communication processes and effects, mass media and social problems, media law, media economics, media in developing countries, media and international relations.

Teaching Arrangements: 20 2-hour lectures/seminars (Ps167) over Michaelmas and Lent Terms.

Reading List: J. Curran & M. Gurevitch (Eds.), *Mass media and society*, Edward Arnold, 1991; R. Collins, J. Curran, N. Garnham, P. Scannell, P. Schlesinger & C. Sparks (Eds.), *Media, culture and society: A critical reader*, Sage, 1986; J. Fiske, *Television culture*, Methuen, 1987; M. Gurevitch & M. R. Levy (Eds.), *Mass Communication Review Yearbook*, 6, Sage, 1986; S. J. Ball-Rokeach & M. G. Cantor (Eds.), *Media, audience and social structure*, Sage, 1986; M. Gurevitch, T. Bennett, J. Curran & J. Woollacott (Eds.), *Culture, society and the media*, Methuen, 1982; D. Howitt, *Mass media and social problems*, Pergamon, 1982.

Examination Arrangements:

1. A formal three-hour examination in the Summer Term: 3 questions from a choice of questions [50%]. 2. 2 written assignments of not more than 5,000 words each [50%].

Ps6456

Methods of Research in Media and Communications (Half unit course)

Teachers Responsible: Dr. G. D. Gaskell, Dr. S. M. Livingstone and others

Course Intended Primarily for M.Sc. Media and Communications.

Course Content: This half unit course is intended to give students an advanced knowledge of concepts and methods of research in media and communications and broad experience in the use of various research techniques selected from among: the content analysis of the media; structural and semiotic analysis; media effects designs; survey research and questionnaire design; focus group discussions; interviewing; audience measurement; case studies/participant observation.

Teaching Arrangements: The course is taught by means of 16 2½ hour combined lecture/practical sessions (Ps166) in the Michaelmas and Lent Terms.

Examination Arrangements:

1. Assessment of written coursework assignments [50%]. 2. Internal examination (2 hours) in the Lent Term [50%].

Ps6457

Current Issues in Media and Communications (half-unit)

Ps6458

Media and Politics (half-unit)

Ps6459

Comparative Media Systems (half-unit)

(Details of these courses are available from the Social Psychology department)

Ps6490

Issues in Social Psychology (Half unit course)

Teacher Responsible: Dr. J. White

Course Intended Primarily for M.Sc. Social Psychology, M.Sc. Media and Communications and M.Sc. Social & Organisational Psychology.

Course Content: The content of this course may vary from year to year. For 1994-95 it will be Organisational Communication: Corporate Communication and Public Relations. Communication within, and by organisations. Understanding organisations as systems of communication. Communication behaviour by individuals for and on behalf of organisations. Techniques of communication used by organisations and the means by which these are managed. The practices of corporate communication and public relations. Specific topics in corporate communication: corporate identity, corporate symbols and the relationship of cor-

porate communication to corporate culture. Organisations and the public channels of communication: the relationships of commercial and other organisations to the mass media; managed use of interpersonal communication.

Pre-Requisites: Students other than those registered for the courses listed above may attend at the discretion of the teacher responsible.

Teaching Arrangements: Seminar (Ps168) (2 hours) x 10 Lent Term

Written Work: A 5,000 word written assignment required.

Reading List: Reading lists will be provided for each topic, the following are of general use: J. White, *How to Understand and Manage Public Relations*, Business Books, 1991; J. Grundig (Ed.), *Excellence in Public Relations and Communication Management*, L. Erlbaum, 1992.

Examination Arrangements: 1. A formal two-hour examination in the Summer Term: 2 questions from a choice of 5 (50%). 2. A written assignment of not more than 5,000 words.

Ps6494

Report: M.Sc. Media and Communications

Teacher Responsible: All teachers contributing to the M.Sc. courses, from the Departments of Social Psychology or other departments, may be involved in the supervision of the research project on which the report is based.

Course Intended Primarily for M.Sc. Media and Communications.

Course Content: The research project, one quarter of the year's work, is a quantitative or qualitative investigation of an issue in media and communications. It may take the form of a dissertation or an empirical research project. Students must obtain the approval of their supervisors for their project outline before completing the project.

Arrangements for Supervision: In the first instance students should approach the member of staff whom they think is most appropriate to supervise the research they have in mind. The supervisor will advise the student, help provide information and bibliography, and identify likely problems with the research proposed.

Examination Arrangements: Two copies of the report must be handed in to the Social Psychology Department office by the first of September. It is preferable if the Report is typewritten. It should not be fewer than 8,000 words and should not exceed 10,000 words in length.

Ps6495

Report: M.Sc. Social & Organisational Psychology (Half unit course)

Teacher Responsible: All members of the Department may be involved in the supervision of the research project on which the Report is based.

Course Intended Primarily for M.Sc. Social & Organisational Psychology.

Course Content: The report is one eighth of the year's work. It is an opportunity for students to link aspects of social psychology to their professional interests. The report may take the form of a dissertation (extended essay) or an empirical research project. **Selection of Topic:** Towards the end of the Michaelmas Term a 'Project Shop Window' Meeting is held at which members of staff outline the research areas in which they would be willing to supervise projects. Students must obtain the approval of their Supervisors before embarking on the empirical part of their investigation.

Arrangements for Supervision: In the first instance students should approach the member of staff whom they think is most appropriate to supervise the research they have in mind. The function of the Supervisor is to advise the student by providing information and by identifying problems in the research that might not have occurred to the student. The student is not required to accept this advice.

Examination Arrangements: Two copies of the Report must be handed into the Departmental Office by 30th June. It is preferable if the Report is typewritten. It must not exceed 10,000 words in length.

Ps6496

Methods of Research in Social & Organisational Psychology (Half unit course)

Teacher Responsible: Dr. G. D. Gaskell, Room S307

Course Intended Primarily for M.Sc. Social & Organisational Psychology.

Core Content:

Principles of Social Research and Research Techniques. Introduction to the philosophy of scientific method, the design and analysis of experiments and quasi-experiments, social artefacts in research, interviewing and participant observation, attitude measurement, evaluation research, personality assessment and the criteria for assessing psychometric scales and social research.

A series of workshops and practicals covering attitude measurement and questionnaire design, the assessment of personality, interviewing, content analysis and the use of micro-computers for on-line control of experiments and word processing. The presentation of research reports.

Teaching Arrangements:

Lectures & Laboratory Sessions: (Ps165i) (2½ hours) x 16 Michaelmas & Lent Terms

Reading List: G. Hoinville & R. Jowell, *Social Research Practice*, Heinemann, 1978; T. D. Cook & D. T. Campbell, *Quasi-Experimentation Design and Analysis*, Rand McNally, 1979; L. J. Cronbach, *Essentials of Psychological Measurement*; W. M. Crano & M. Brewer, *Principles of Research in Social Psychology*, McGraw Hill, 1973.

Examination Arrangements:

1. Internal exam (2 hours) in January: 3 questions from choice of 8 [50%].
2. Assessment of coursework assignments [50%].

Ps6498

Methods of Research in Social Psychology

Teacher Responsible: Dr. G. D. Gaskell, Room S307

Course Intended Primarily for M.Sc. Social Psychology; M.Phil./Ph.D. students in Social Psychology.

Course Content: The course is intended to give students an advanced knowledge of concepts and methods of social psychological research and broad experience in the use of various research techniques. The course has four components:

(i) **Principles of Social Research and Research Techniques.** Introduction to the philosophy of scientific method, the design and analysis of experiments and quasi-experiments, social artefacts in research, interviewing and participant observation, attitude measurement, evaluation research, personality assessment and the criteria for assessing psychometric scales and social research.

A series of workshops and practicals covering attitude measurement and questionnaire design, the assessment of personality, interviewing, content analysis and the use of micro-computers for on-line control of experiments and word processing. The presentation of research reports.

(ii) **Advanced Data Analysis.** The use of the SPSS for windows computer package for analysis of social data.

(iii) **Further Statistical Methods (SM268).** The aim is to learn the proper use of statistical methodology in the design and analysis of surveys, experiments and observational studies. Topics covered include descriptive statistics, visual display of data, concepts of population and sample and sampling distributions, estimation, significance tests, t-tests, analysis of variance, sample and multiple regression, chi-squared goodness of fit tests, analysis of contingency tables, sample survey design and analysis and experimental design.

(iv) **Applied Multivariate Analysis (SM259).**

(Students should consult Course Guide SM8255).

Teaching Arrangements: Course work includes regular assignments and exercises on research techniques, computer analysis of data and statistics.

(i) Lectures & Laboratory Sessions: (Ps165i) (2½ hours) x 16 Michaelmas and Lent Terms

(ii) Computing lectures and practicals: (Ps165ii) x 17 Michaelmas & Lent Terms

(iii) Lectures: SM268 x 20 Michaelmas & Lent Terms

Classes: SM268a x 17 Michaelmas & Lent Terms

(iv) Computing lectures and practicals: SM259 x 14 Lent Term

Reading List: G. Hoinville & R. Jowell, *Social Research Practice*, Heinemann, 1978; T. D. Cook & D. T. Campbell, *Quasi-Experimentation Design and Analysis*, Rand McNally, 1979; L. J. Cronbach, *Essentials of Psychological Measurement*; W. M. Crano & M. Brewer, *Principles of Research in Social Psychology*, McGraw Hill, 1973.

Examination Arrangements:

1. Coursework and computing assignments [33.3%].
2. Internal exam (2 hours) in January: 3 questions from choice of 8 [33.3%].
3. Statistics coursework and internal exam (3 hours) [33.3%].

Ps6499

Report: M.Sc. Social Psychology

Teacher Responsible: All members of the Department may be involved in the supervision of the research project on which the Report is based.

Course Intended Primarily for M.Sc. Social Psychology.

Course Content: The research project, an empirical investigation of a social psychological issue, is one quarter of the year's work.

Towards the end of the Michaelmas Term a 'Project Shop Window' Meeting is held at which members of staff outline the research areas in which they would be willing to supervise projects. Students must obtain

the approval of their Supervisors before embarking on the empirical part of their investigation.

Arrangements for Supervision: In the first instance students should approach the member of staff whom they think is most appropriate to supervise the research they have in mind. The function of the Supervisor is to advise the student by providing information and by identifying problems in the research that might not have occurred to the student. The student is not required to accept this advice.

Examination Arrangements: Two copies of the Report must be handed into the Departmental Office by 30th June. It is preferable if the Report is typewritten. It should not be less than 10,000 words and should not exceed 15,000 words in length.

Department of Social Policy and Administration

M.Sc. Criminal Justice Policy

Duration of Course of Study

Full-time: One academic or calendar year, depending on the choice of options.

Part-time: Two academic or calendar years, depending on the choice of options.

Examination

Paper Number	Paper Title	Course Guide Number
I	Three written papers as follows:	
1.	Criminal Justice Policy	SA6625
2 & 3.	Two appropriate courses from the LL.M., M.Sc. Sociology or M.Sc. courses in Social Administration chosen after discussion with the student's supervisor and subject to timetabling considerations.	
II.	An essay of not more than 10,000 words on an approved topic.	SA6696

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the dissertation, and will be taken in the final year of the course. Students following the part-time course who fail the first part of the examination may be permitted by the School to re-enter the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written Papers	June (September for papers 2 & 3 (b), (c), (d), (e), (g) and (h))
Essay	September

M.Sc. European Social Policy

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	European Social Policy	SA6645
2.	One of the following:	
	(a) European History since 1945	Hy4540
	(b) European Institutions III	IR4631
	(c) Economic Organisation of the European Community	Ec2516
	(d) European Community: Politics and Policy (half unit)	Gv4084
	and	
	Socio-Economic Cohesion Policies in the EC (half unit)	Gv4083
3.	One of the following:	
	(a) Social Policy and Administration	SA6630

Paper Number	Paper Title	Course Guide Number
(b)	Social Planning	SA6631
(c)	Foundations of Health Policy	SA6661
(d)	Income Maintenance and Social Security Policies	SA6641
(e)	Personal Social Services	SA6642
(f)	Housing and Urban Planning	SA6643
(g)	Education Policies and Administration	SA6644
(h)	Sociology of Deviant Behaviour	So6881
(i)	With the consent of the candidate's teachers, a paper from any other M.Sc. course in the Faculty of Economics	
II.	A report of not more than 10,000 words on a topic relevant to European Social Policy	

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	20 June

M.Sc. Health Policy, Planning and Financing

(This course is taught jointly with the London School of Hygiene and Tropical Medicine)

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
Written papers (or written papers and a report) together with assessment of course work, as follows:		
1.	Foundations of Health Policy	SA6661
2.	Three of the following:	
	(a) Health Economics	SA6666
	(b) Health Policy: Process and Power	SA6669
	(c) Social Science Methods for Health Research	SA6670
	(d) Applied Epidemiology	SA6666
	(e) Health Services Evaluation and Management	SA6660
	(f) An extra LSE course on a subject approved by course teachers e.g. (Subject to timetabling and the requisite academic background for the particular subject)	
	Urbanisation and Social Planning	SA6763
	Gender, Development and Social Planning	SA6766
	Social Planning for Rural Development	SA6764

Paper Number	Paper Title	Course Guide Number
	Social Policy and Administration	SA6630
	Income Maintenance and Social Security	SA6641
	Social Planning	SA6631
(g)	Any two approved study units at the London School of Hygiene and Tropical Medicine (Subject to timetabling and the requisite academic background for the particular subject)	
	These study units may be those forming part of courses (a) to (c) listed above but not already taken, or may be any other study units e.g.:	
	Statistical Methods in Epidemiology	
	Epidemiology and Control of Non-Communicable Diseases	
	Facility Planning Programmes	
	Demography for Health and Social Policy	
	Current Issues in Maternal and Child Health Issues in Population and Development	
	AIDS	

Students following the part-time course may, with the approval of the Schools, take the examination in two parts. The first part will consist of an examination on two courses taken after completion of those courses. The second part will consist of the examination on the remaining course(s) and, where appropriate, the report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the Schools to re-enter for the first part and to enter for the second part at the same examination, and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	1 June

M.Sc. Housing (with Institute of Housing Diploma)

This programme leads to a University of London Master's degree and a professional Diploma recognised by the Institute of Housing. Students wishing to read for the M.Sc. only may take the programme over one calendar year full-time or two calendar years part-time. The M.Sc. requirement is successful completion of Papers I (1, 2 and 3) and II.

Duration of Course of Study

Full-time: Two years. *Part-time:* Three years.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Seven written papers as follows (paper seven is examined by means of an essay):	
1.	Social Policy and Administration	SA6630
2.	Housing Economics and Housing Finance	SA6773
3.	Housing Policy and Administration	SA6770
4.	Legal Studies	SA6772
5.	Management Studies	SA6780

Paper Number	Paper Title	Course Guide Number
6.	Building Studies	SA6781
7.	Planning Studies	SA6782

and

II. A dissertation of not more than 10,000 words on an approved topic

and

III. For *full-time* students: satisfactory completion of a prescribed period of fieldwork during the first year, of a year's work as a housing trainee in an appropriate agency in the second year, and of related coursework as directed by the course tutor.

For *all* students: satisfactory completion of additional courses on Race and Housing, Welfare Rights and Management Skills.

For *part-time* students: satisfactory completion of work as a trainee in an appropriate agency over the three years of the part-time course, and of related coursework as directed by the course tutor.

Papers will be taken as follows:

	<i>Full-time Students</i>	<i>Part-time Students</i>
End of first year	Part I: Papers 1-4	Part I(a) Papers 1 & 3
End of second year	Part II: Papers 5, 6, 7 and dissertation.	Part I(b) Papers 2 and 4
End of third year	N/A	Part II: Papers 5, 6 7 and Dissertation

Candidates are normally required to pass Part I before proceeding to the final year of the course. If a *full-time* candidate fails in one Part I paper but reaches the prescribed standard in each other paper, the examiners may, at their discretion and if they do not consider the failure to be serious, declare the candidate to be referred in that paper. The candidate will carry forward the referred paper to the Part II examinations. Any *full-time* candidate who fails more than one Part I paper will be required to re-take the failed papers in the following June. A *part-time* candidate who fails both papers in Part IA may make one further attempt at both those papers (normally in the following June) and must pass them both before proceeding to Part IB. A candidate who fails both papers in Part IB may make one further attempt at those papers (normally in the following June) and must pass them both before proceeding to Part II. Candidates who fail any component of the Part II examinations may make one further attempt at the whole Part II examination.

Dates of Examination

Written papers	Part I: June Part II: End of April
Dissertation	15 June

M.Sc. Social Policy and Planning

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
I. Three written papers as follows:		
1.	(a) Social Planning	SA6631
	or (b) Social Policy and Administration	SA6630
2&3.	Two of the following:	
	(a) A paper from 1 not already taken	
	(b) Foundations of Health Policy	SA6661
	(c) Income Maintenance and Social Security Policies	SA6641
	(d) Planning of Personal Social Services	SA6642
	(e) Housing and Urban Planning	SA6643
	(f) Education Policies and Administration	SA6644
	(g) Sociology of Deviant Behaviour	So6881
	(h) European Social Policy	SA6645
	(i) (With the consent of the candidate's teachers) a paper from any other M.Sc. course in the Faculty of Economics	

and

II.	A report of not more than 10,000 words on a topic approved by the candidate's teachers	SA6697
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Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who follow the **Diploma in Innovation in Mental Health Work** or the **Certificate in the Management of Community Care for Older People** in their first year will, in their second year, take one paper from section 1 and one other paper from sections 2 and 3(a) to (i) and submit a report which may be their first year project report, extended and revised if necessary. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	20 June

M.Sc. Social Policy and Planning in Developing Countries**Additional Entry Qualification**

Practical work experience in developing countries.

Duration of Course of Study

Full-time: One calendar year.

Examination

Paper Number	Paper Title	Course Guide Number
I. Three written papers as follows:		
1.	Social Policy, Planning and Participation in Developing Countries	SA6760

Paper Number	Paper Title	Course Guide Number
2 & 3.	Two of the following:	
	(a) Foundations of Health Policy	SA6661
	(b) Planning Welfare Services and Social Security	SA6762
	(c) Urbanisation and Social Planning	SA6763
	(d) Social Planning for Rural Development	SA6764
	(e) Education and Social Planning	SA6765
	(f) Gender, Development and Social Planning	SA6766
	(g) An approved paper from another branch of M.Sc. study	
and		
II.	A dissertation of not more than 10,000 words on an approved topic.	
and		
III.	Project report related to the course work for paper 1 above.	
and		
IV.	One assessed essay of not more than 3,000 words for each of the two elective courses (papers 2 and 3).	

Dates of Examination

Project report	Last day of Lent Term
Assessed essays	First day of Summer Term
Written deadline	Third week of June
Dissertation	The last week in August

M.Sc. Social Policy and Social Work Studies and Diploma in Social Work (DIPSW)**Duration of Course of Study**

Full-time: Two calendar years.

For M.Sc.**Examination**

Paper Number	Paper Title	Course Guide Number
I. Three written papers as follows:		
1.	Social Policy and Administration	SA6630
2.	Theories and Practice of Social Work	SA6680
3.	Psychology, Human Growth and Behaviour	SA6681
and		
II.	A long essay of not more than 10,000 words	SA6719

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination.

Dates of Examination

Written papers	Paper 1 above: June of the first session Papers 2 and 3 above: June of the second session
Long essay	End of June of the second session

Additional requirements for the award of the Diploma in Social Work (DIPSW)

Year 1

- 3 essays of not more than 3,000 words
- 1 assessed practice placement based on practice teacher's evaluation.

Year 2

- 2 essays of not more than 3,000 words
- 1 case study of not more than 5,000 words
- 1 assessed practice placement based on practice teacher's evaluation based in a specialist agency and lasting a minimum of 6 months/90 days.

M.Sc. Voluntary Sector Organisation

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
I. Three written papers as follows:		
1.	Voluntary Sector Policy and Administration	SA6710
2.	Social Policy and Administration	SA6630
3.	One of the following:	
	(a) Organisational Theory and Behaviour	Id4203
	(b) A paper from Social Policy and Planning not already taken	
	(c) A paper from any other M.Sc. course in the Faculty of Economics	
<i>and</i>		
II.	A report of not more than 10,000 words on a topic related to Paper 1 above approved by the candidate's teachers	SA6718

Part-time students will take the examination in two parts. The first part will be at the end of the first academic year of study and will consist of papers 1 and 2 above. The second part will consist of the remaining paper and the report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part of the examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	15 June

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, ordered by the identity of the degree course for which they are primarily intended.

Lectures and Seminars

Lecture/

Seminar

Number

Course Guide

Number

COURSES INTENDED FOR M.SC. SOCIAL POLICY AND PLANNING, M.SC. EUROPEAN SOCIAL POLICY, M.SC. CRIMINAL JUSTICE POLICY AND OTHER COURSES

SA149	Social Policy Research Methods (Not available 1994-95) Professor H. Glennerster and others	20/ML	SA6646
SA150	Analysis of Social Policy and Administration Professor D. Piachaud and others	20/ML	SA6630
SA151	Social Policy and Administration - Seminar Professor D. Piachaud, Professor R. A. Pinker, Miss S. Sainsbury, Dr. G. Wilson, Mrs. M. Harris and others	25/MLS	SA6630
SA152	Social Planning - Seminar Professor H. Glennerster and Professor J. Rosenhead	23/MLS	SA6631; SM8359
SA154	Foundations of Health Policy - Seminar Professor J. Le Grand, Dr. J. Carrier and Dr. L. Gilson	24 lectures + 15 seminars/MLS	SA6661
SA155	Income Maintenance and Social Security Policies - Seminar Professor D. Piachaud and Mr. M. Reddin	25/MLS	SA6641
SA156	Planning of Personal Social Services - Seminar Miss S. Sainsbury	25/MLS	SA6642
SA157	Housing and Urban Planning - Seminar Dr. P. H. Levin	24/MLS	SA6643
SA158	Comparative Social Policies for Ageing Populations Dr. G. Wilson	24/ML	SA6767

Lecture/ Seminar Number			Course Guide Number
SA164	European Social Policy Dr. S. Mangen	23/MLS	SA6645
SA165	Criminal Justice Policy - Seminar Professor T. Morris and others	25/MLS	SA6625
SA166	Criminal Justice Policy Professor T. Morris and others	10ML	SA6625
SA168	Rehabilitation of Offenders Dr. J. Rumgay and Mr. D. Cornish	33/MLS	SA6626
SA251	The Management of Community Care for Older People Dr. G. Wilson	22/MLS	SA6650
SA252	Innovation in Mental Health Work Dr. S. Ramon	30/MLS	SA6651

COURSES INTENDED PRIMARILY FOR M.SC. IN HEALTH PLANNING AND FINANCING

SA200	Health Economics Dr. J. Roberts, Dr. A. Mills and others	10/M plus 14/LS or study unit	SA6666
SA201	Health Economics - Seminar Dr. A. Mills, Dr. J. Roberts and others	24/MLS	SA6666
SA202	Health Services Evaluation and Management Dr. I. Higginson, Dr. N. Black, Dr. M. McKee, Dr. S. Lessoff and Dr. J. Figuoras	30/MLS 10/M plus one study unit	SA6660
SA203	Health Services Evaluation and Management - Seminar Dr. N. Black and others	10/M & study unit	SA6660
SA206	Applied Epidemiology Dr. A. Zwi and others	10/M & study unit	SA6668
SA207	Applied Epidemiology - Seminar Dr. A. Zwi and others	10/M & study unit	SA6668
SA208	Health Policy: Process and Power Dr. G. Walt (LSHTM)	lectures/M study unit/LS	SA6669

Lecture/ Seminar Number			Course Guide Number
SA209	Social Science Methods for Health Research Dr. P. Strong and Dr. A. Murcott (LSHTM)	lectures/M study unit/LS	SA6670

COURSES INTENDED PRIMARILY FOR M.SC. IN SOCIAL POLICY AND SOCIAL WORK STUDIES

SA302	Human Growth and Behaviour - Seminars Mrs. J. Harwin, Mrs. G. Bridge and others	10/ML	SA6680; SA6681
SA303	Human Growth and Behaviour - Lectures Dr. S. Ramon and Mrs. R. Wright	20/ML	SA6680; SA6681
SA304	Social Work Theory Mrs. M. Mitha and Dr. R. Rachman	25/MLS	SA6680; SA6681
SA305	Adult Psychiatry Dr. A. Bhattacharayya	3 half day Workshops/M	SA6680
SA306	Child Psychiatry Dr. McClelland	4 half day Workshops/L	SA6680
SA307	Community Care Dr. J. Clements	Six one-day Workshops	SA6680
SA308/ SA312	Areas of Particular Practice: Theory and Practice Children and Families (Child Observation) Mrs. J. Harwin	22/MLS	SA6680
	Health Social Work Dr. R. Rachman and Miss S. Sainsbury		
	Mental Distres Dr. S. Ramon		
	Crime Criminal Justice and the Probation Service Mr. D. Cornish and Dr. J. Rumgay		
SA310	Topical Issues: Children and Families Mrs. J. Harwin and Mrs. G. Bridge	10/L	SA6680

Lecture/ Seminar Number		Course Guide Number
SA311	Preparation for Probation Dr. J. Rumgay	6/MLS SA6680
SA313	Law, Rights and Social Work Professor M. Zander and others	10/L SA6680; SA6681; SA6772
SA314	Social Work Legislation To be announced	6/S SA6680
SA315	Issues and Dilemmas in Social Work Dr. J. Rumgay and others	20/ML SA6680
SA318	Introduction to Social Work Mrs. J. Harwin	10/M SA6680
SA319	Social Work Practice Mrs. M. Mitha, Dr. R. Rachman and others	25/MLS SA6680; SA6681
SA320	Psychology and Social Work Mr. D. Cornish	20/ML SA6680; SA6681
SA321	Psychology and Social Work Seminars Mr. D. Cornish	15/ML SA6680; SA6681
SA329	Anti Racist and Anti Discriminating Practice in Social Work Mrs. M. Mitha and Dr. J. Rumgay	5/L and 1 whole-day workshop SA6680

COURSES INTENDED PRIMARILY FOR M.SC. VOLUNTARY SECTOR ORGANISATION

SA141	Voluntary Sector Policy and Administration Dr. D. Billis and Mrs. M. Harris	23/MLS SA6710
SA142	Institutions and Issues in the Voluntary Sector Seminar Dr. D. Billis and Mrs. M. Harris	10/M SA6710
SA143	Aspects of Voluntary Sector Policy and Administration - Seminar Dr. D. Billis and Mrs. M. Harris	13/LS SA6710

Lecture/ Seminar Number		Course Guide Number
SA144	Voluntary Sector Dissertation - Seminar Dr. D. Billis and Mrs. M. Harris	10/ML SA6718

COURSES INTENDED PRIMARILY FOR M.SC. SOCIAL POLICY AND PLANNING IN DEVELOPING COUNTRIES

SA171	Social Planning - Audio-Visual Programme	25/MLS SA6760
SA172	The Theory of Social Policy, Planning and Participation in Developing Countries Dr. A. Hall and Dr. I. Smyth	10/M SA6760
SA172	The Theory of Social Policy, Planning and Participation - Seminar Dr. A. Hall and Dr. I. Smyth	22/MLS SA6760
SA173	The Methodology of Social Policy, Planning and Participation in Developing Countries - Seminar Ms. E. Wratten and others	20/ML SA6760
SA174	Gender, Development and Social Planning - Seminar To be announced	25/MLS SA6766
SA177	Planning Welfare Services and Social Security - Seminar Mr. M. Reddin and Ms. L. Bonnerjea	25/MLS SA6762
SA178	Social Planning and Rural Development - Seminar Dr. A. Hall	25/MLS SA6764
SA179	Urbanisation and Social Planning - Seminar Ms. E. Wratten	25/MLS SA6763
SA180	Education and Social Planning - Seminar Dr. A. Hall	25/MLS SA6765

COURSES INTENDED PRIMARILY FOR M.SC. DIPLOMA IN HOUSING

SA185	Legal Studies Mr. R. Campbell	10/L SA6772
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Lecture/
Seminar
NumberCourse Guide
Number

SA186	Housing Economics and Housing Finance Dr. M. Kleinman and Dr. C. M. E. Whitehead	30/ML	SA6773
SA187	Housing Policy and Administration Dr. A. Power and Dr. M. Kleinman	25/MLS	SA6770
SA188	Housing Management Practice Ms. S. Phillips	10/S	SA188
SA195	Management Studies Dr. R. Peccei and others	10/L	SA6780
SA196	Building Studies Mr. M. Hatchett	25/MLS	SA6781
SA197	Planning Studies Dr. M. Hebbert	7/M	SA6782
SA198	Housing - Seminar Dr. A. Power	23/MLS	SA198

COURSES INTENDED PRIMARILY FOR M.Sc. SOCIAL POLICY AND PLANNING, M.Sc. EUROPEAN SOCIAL POLICY, M.Sc. CRIMINAL JUSTICE POLICY AND OTHERS.

Course Guides

SA6625

Criminal Justice Policy

Teacher Responsible: Professor T. Morris, Room S877

Course Intended Primarily for M.Sc. Criminal Justice Policy (core); M.Sc. Social Policy and Planning; M.Sc. Sociology; LL.M. (optional).

Core Syllabus: The course will address major theories, issues and methods in the analysis of criminal justice practice and policy.

Course Content: Policy processes will be examined in relation to the principal elements in the criminal justice system: law making, crime prevention, victim support, policing, prosecution, sentencing, non-custodial and institutional penalties and their aftermath. Trends in criminal justice will be examined in relation to major theories of punishment: e.g. functionalist, Marxist and structuralist. The course has a distinct comparative emphasis, both historically and in

relation to criminal justice systems and policies in Europe and North America.

Pre-Requisites: First degrees in the Social Sciences or Law are preferable though not essential.

Teaching Arrangements:

Lectures: SA166 10 lectures given in alternate weeks in the Michaelmas and Lent Terms.

Seminars: SA165 25 weekly seminars of 1½ hours duration, Sessional.

Written Work: One essay per term is strongly recommended. One introductory paper per term is expected in seminar.

Reading List: There is no set text for the course, but most topics are covered by M. Maguire, R. Morgan and R. Reiner (Eds.), *The Oxford Handbook of Criminology* (1994). A full reading list covering all seminars, is provided at the first seminar.

The following is a basic reading list:

A. Ashworth, *Sentencing and Criminal Justice*; S. Cohen, *Visions of Social Control*; P. E. Rock (Ed.), *A History of British Criminology*; D. M. Downes, *Contrasts in Tolerance*; D. Garland, *Punishment and Modern Society*; R. Reiner & M. Cross (Eds.), *Beyond Law and Order: Criminal Justice Policy and Politics into the 1990's*; T. Hope & M. Shaw (Eds.), *Communities and Crime Reduction*; L. Leigh & J. E. Hall Williams, *The Management of the Prosecution Process in Denmark, Sweden, and the Netherlands*; T. Marshall, *Alternatives to Criminal Courts*; T. P. Morris, *Crime and Criminal Justice Since 1945*; R. Reiner, *The Politics of the Police*; R. Reiner, *Chief*

Constables; P. E. Rock, *A View from the Shadows*; P. E. Rock, *Helping Victims of Crime*; A. Rutherford, *Prisons and the Process of Justice*; A. Scull, *Decarceration*; V. Stern, *Bricks of Shame*; M. Zander, *A Matter of Justice* in M. Cavadino & J. Dignan, *The Penal System*.

Examination Arrangements: Students sit one three-hour examination in the Summer Term. Three questions must be answered from a total of c.-15.

SA6626

Rehabilitation of Offenders

Teachers Responsible: Dr. Judith Rumgay, Room A258 and Mr. Derek Cornish, Room A262

Course Intended Primarily for M.Sc. Criminal Justice Policy; M.Sc. Criminology; LL.M.. This course is also open to other M.Sc. students in consultation with their supervisors.

Core Syllabus: The aim of the course is to provide a critical analysis of the historical, contemporary and future role of offender rehabilitation policies within the criminal justice system.

Course Content: Rehabilitation of offenders: the ideal, the model, the critiques and the reformation of the approach. Criminal justice process: intervention points and service agencies, juvenile justice, custodial, probation and after-care services, problems of coercion, accountability and multi-agency co-ordination, services for the mentally disordered, unemployed and homeless. Rehabilitation research: historical and contemporary perspectives. Methodological issues: planning, implementing and evaluating interventions; Rehabilitation methods: group work and milieu therapy; behavioural, social skills and cognitive-behavioural techniques. Foundations for new approaches to rehabilitation: social interactional models of delinquent development; studying crime events and criminal decision-making; criminal lifestyles and desistance.

Pre-Requisites: None.

Teaching Arrangements: 10 fortnightly lectures and 23 weekly seminars in Michaelmas, Lent and Summer Terms (SA168).

Written Work: Critical evaluation of a rehabilitation project within the student's area of interest.

Reading List: S. Brody, *The Effectiveness of Sentencing: A Review of the Literature*, 1976; J. B. Coker & J. P. Martin, *Licensed to Live*, 1985; D. B. Cornish & R. V. G. Clarke (Eds.), *The Reasoning Criminal*, 1986; R. A. Feldman, T. E. Carlinger & J. S. Wodarski, *The St. Louis Conundrum: The Effective Treatment of Antisocial Youth*, 1983; C. R. Hollin, *Cognitive-behavioural Interventions with Young Offenders*, 1990; C. R. Hollin, *Criminal Behaviour: A Psychological Approach to Explanation and Treatment*, 1992; D. Lipton, R. Martinson & J. Wilks, *The Effectiveness of Correctional Treatment*, 1975; D. McAllister, A. Bottomley & A. Liebling, *From Custody to Community: Throughcare For Young Offenders*, 1992; M. T. Nietzel, *Crime and its Modification: A Social Learning Perspective*, 1979; M. Norris, *Integration of Special Hospital Patients into the Community*, 1984; T. Palmer, *The Re-Emergence of Correctional Intervention*, 1992; P.

Raynor, *Social Work, Justice and Control*, 1985; R. Ross & P. Gendreau (Eds.), *Effective Correctional Treatment*, 1980; E. Rotman, *Beyond Punishment: A New View on the Rehabilitation of Criminal Offenders*, 1990.

Examination Arrangements: There is a three-hour formal written examination in the Summer Term in which three questions must be answered.

SA6630

Social Policy and Administration

Teachers Responsible: Professor D. Piachaud, Room A 240 and others

Course Intended Primarily for M.Sc. in Social Policy and Planning; M.Sc. in Social Policy and Social Work Studies, M.Sc. Voluntary Sector Organisation and M.Sc./Diploma in Housing. Also open to students taking the M.Sc. in Criminal Justice Policy, the M.Sc. in Health Planning and Financing and the M.Sc. in European Social Policy.

Core Syllabus: Broad themes affecting social policy in Britain and other advanced industrial societies; administrative issues largely focussing on Britain as an example. (For a distinction between the content of this paper and that of **Social Planning**, see the study guide for **Social Planning**).

Course Content: The formation and development of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. The problems of redistributive justice and ethical issues in social policy. The assessment of the effects of the social services and social policies. Concepts of need and social welfare. The contributions made by political, professional and charitable bodies to the development of collective action to promote social welfare. The structure, functions and forms of administration of social services provided by the state, charitable institutions and employers. This course will be concerned with general terms with special branches of social services covered by other papers, eg social security, medical care and the welfare services. It will take account of historical developments and include, where appropriate, comparative developments in other countries, and focus on current policy questions.

Pre-Requisites: None.

Teaching Arrangements: 20 weekly lectures, SA150, *Analysis of Social Policy and Administration* and 25 weekly seminars (SA151) throughout the session. Lecture course SA103 *Social Policy* is also relevant for students.

Reading List: Some introductory texts are:

R. M. Titmuss, *Essays on the Welfare State*, 3rd edn., Allen & Unwin, 1976; M. Bulmer, J. Lewis and D. Piachaud (Eds.), *The Goal of Social Policy*, Unwin Hyman, 1989; J. Hills and others, *The State of Welfare*, Oxford, 1990; H. Glennerster, *Paying for Welfare: the 1990s*, Harvester Wheatsheaf, 1992.

A full bibliography will be handed out with the programme of seminar topics.

Examination Arrangements: There is a written formal three-hour examination in June. Three questions must be answered.

SA6631

Social Planning

Teachers Responsible: Professor Howard Glennerster, Room A279 and Professor J. Rosenhead, Room S114

Course Intended Primarily for M.Sc. Social Policy and Planning and the MSc in Operational Research. Social Administration students must take either this paper or the paper, **Social Policy and Administration** (SA6630). They can take both, see below. This course is also open to students taking the M.Sc. in Criminal Justice Policy, the M.Sc. in Health Planning and Financing and the M.Sc. in European Social Policy.

Core Syllabus: The **Social Planning** course is complementary to and quite distinct from **Social Policy and Administration**. It does not deal with the broader philosophical issues of social policy's place in society or with policy issues as such. Instead, it is concerned with methodologies that are relevant to the analysis of policy issues, and in determining priorities in resource allocation. It will consider theories of administrative decision-making and their relevance to social planning, look at the application of quantitative techniques to measuring demands and needs, at the use of cost-benefit analysis and programme evaluation. For overseas students, who do not want to specialise too deeply in British institutional issues the course can be productively combined with that in **Social Policy and Administration**.

It begins by discussing theories and methodologies in the first term, and then goes on in the second and third terms to work through a series of case studies drawn from actual examples of social planning at national and local levels.

Pre-Requisites: Economics and Statistics in first degree.

Teaching Arrangements: 23 lectures (SA152) in Michaelmas, Lent and Summer Terms. There will be a weekly lecture from Professor Glennerster on **Planning Methods** followed by one on related **Operational Research Methods** by Professor Rosenhead. These are followed by group discussion or problem solving and constitute a two-hour session in Michaelmas Term. The two-hour session in Lent and Summer Terms will be seminars discussing student papers.

Reading List: The following are some key texts but a comprehensive reading list will be handed out with the programme of seminar topics.

J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; J. Rosenhead (Ed.), *Rational Analysis for a Problematic World*.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6641

Income Maintenance and Social Security Policies

Teachers Responsible: Professor David Piachaud, Room A240 and Mr. Mike Reddin, Room A201

Course Intended Primarily for M.Sc. Social Policy

and Planning. This course is also open to students taking the M.Sc. in European Social Policy, M.Sc. in Social Policy and Planning in Developing Countries. This course will be offered if there is a sufficient number of students.

Course Content: The course analyses income maintenance and social security policies defined broadly to include not only national insurance and social assistance provisions but also fiscal, occupational and private provisions that maintain incomes. Definitions and measurements of need and poverty are reviewed. Economic and financial aspects of social security are considered as is the impact of social security on social and economic behaviour. A comparative approach is adopted where appropriate, and the relevance of income maintenance in both developed and developing economies will be explored.

Pre-Requisites: None.

Teaching Arrangements: Teaching comprises lectures and seminars.

Lectures: there are 15 lectures (SA129) in the Michaelmas and Lent Term that cover; approaches to income maintenance; poverty; redistribution; provisions for the elderly, children and unemployed people; universal, selective, occupational and fiscal approaches to income support. (These lectures are open to all.)

Seminar: The seminar (SA155) will hold 25 weekly meetings spread over the three terms. In the first term the seminar will pursue the same topics as the lectures. In the second and third terms the seminar will cover (subject to meeting the interests of members as far as possible): political and economic dimensions of income maintenance; the inter-relationship of tax and benefit systems; the role of funded insurance systems; the administration of social security and problems of equity and discretion; work incentives; manpower policies; provisions for a wide range of contingencies; comparative income maintenance systems.

Written Work: Seminar members will be expected to make regular presentations to the seminar, and a written paper at the end of the first term.

Reading List: Basic reading for the course comprises A. B. Atkinson, *The Economics of Inequality*, 2nd edn., Oxford, 1983; S. Baldwin, G. Parker & R. Walker, *Social Security and Community Care*, Avebury, 1988; S. Baldwin & J. Falkingham (Eds.), *Social Security and Social Change*, Harvester Wheatsheaf, 1994; N. Barr, *Economics of the Welfare State*, 2nd edn., Weidenfeld, 1993; A. Deacon & J. Bradshaw, *Reserved for the Poor*, Blackwell, 1983; M. Hill, *Social Security Policy in Britain*, Edward Elgar, 1990; J. Hills & J. Ditch (Eds.), *Beveridge and Social Security*, Oxford, 1994; P. Townsend, *Poverty in the United Kingdom*, Allen Lane, 1979.

A wide range of additional reading for specific topics will be given at the start of the course.

Examination Arrangements: The examination in the Summer Term consists of a three-hour paper in which three questions have to be answered.

SA6642

Planning of Personal Social Services

Teacher Responsible: Sally Sainsbury, Room A250

Course Intended Primarily for M.Sc. in Social Policy and Planning. This course is also open to students taking the M.Sc. in Health Planning and Financing and the M.Sc. in European Social Policy. This course will be offered only if there is a sufficient number of students.

Core Syllabus: The course will focus primarily on personal social services in Britain, although there is a comparative component.

Course Content: The evolution of the local authority social services departments. Problems of policy, organisation, staffing, and inter-agency coordination. Needs, demand and supply; theories about their determinants and inter-relationship. Social deviance and concepts of community welfare. Aims, objectives and evaluation in personal social services. The application of planning to personal social services provision.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars accompanied by an optional lecture course.

Seminars - SA156, 25 Michaelmas, Lent and Summer Terms.

Lectures - SA123, 10 Michaelmas Term.

Written Work: Students are expected to prepare papers for discussion in seminars.

Reading List: The following are useful introductory texts.

P. Townsend, *The Last Refuge*, RKP, 1962; A. Tinker, *The Elderly in Modern Society*, Longman, 1984; K. Jones, *Experience in Mental Health*, Sage, 1988; *Report of the Committee on Local Authority and Allied Personal Social Services* (Seebohm), Cmnd. 3703, 1968; A. Webb & G. Wistow, *Social Work, Social Care and Social Planning*, Longman, 1987.

Full bibliographies will be provided with the programme of seminar topics.

Examination Arrangements: There is a three-hour formal examination in June. Three questions must be answered.

SA6643

Housing and Urban Planning

Teacher Responsible: Dr. Peter Levin, Room A251

Course Intended Primarily for M.Sc. in Social Policy and Planning. Also open to students taking the M.Sc. in European Social Policy and the M.Sc. in Regional and Urban Planning Studies. This course will be offered only if there is a sufficient number of students.

Course Content: The course deals mainly with housing and urban planning in England and Wales, though there is a comparative component. It adopts an issue-oriented approach to exploring and analysing the processes at work in the various sectors of the housing market and in the wider urban system. It covers: The changing structure of the housing market, the roles of the local authority, housing association, private rented and owner-occupied sectors, and of other forms of tenure; the problem of access to the various tenures. Housing finance issues: subsidies, rent control, income support. Housing and labour markets. The problems of vulnerable groups and localities: slums, overcrowding, homelessness; the treatment of

women, the elderly, and members of minority ethnic groups. Urban deprivation and policies for 'the inner city'. Gentrification. The social consequences of urban planning and programmes. The politics of housing and urban planning.

Pre-Requisites: None.

Teaching Arrangements: SA157. **Housing and Urban Planning**, 24 seminars Sessional; SA125, **Housing and Urban Structure**, ten lectures, Michaelmas Term. The range of possible seminar topics is very wide: the actual programme will be decided in consultation with the members of the seminar and will take account of their particular interests wherever possible.

Written Work: Each student will be expected to prepare and give a 20-minute oral presentation at two or three seminars during the year, and to hand in a written paper at the end of the Michaelmas and Lent Terms.

Introductory Reading List: K. Bassett & J. Short, *Housing and Residential Structure*; J. R. Short, *Housing in Britain*; P. Hall (Ed.), *The Inner City in Context*; T. Brindley et al., *Remaking Planning*; P. Lawless, *The Evolution of Spatial Policy*; P. Ambrose, *Whatever Happened to Planning?*; P. Malpass & A. Murie, *Housing Policy and Practice* (3rd edn.); D. Clapham et al., *Housing and Social Policy*; S. MacGregor & B. Pimlott, *Tackling the Inner Cities*; J. Allen & C. Hamnett, *Housing and Labour Markets*.

A specialised list will be given out for each seminar.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6645

European Social Policy

Teacher Responsible: Dr. S. P. Mangen, Room A261

Course Intended Primarily for M.Sc. European Social Policy; M.Sc. Social Policy and Planning; M.Sc. European Studies; M.Sc. Politics and Government of Western Europe; M.Sc. Public Administration.

Core Syllabus: The course reviews the development of welfare states and contemporary social policies in Western Europe, focusing particularly on member states of the European Community and Scandinavia.

Course Content: The comparative study of the development of Western European welfare states in their political, social and economic contexts. The first part of the course traces the emergence of collective provisions of welfare from the last quarter of the nineteenth century. In the second part seminars focus on present processes of policy-making and implementation, and these are discussed in the context of contemporary issues in social policy: demographic trends and the planning of welfare; privatisation and decentralisation of welfare states; the fiscal crisis and problems of funding pensions and health care; social inequality and social security; the 'new poor'; policies for priority groups; and women and the welfare state. Seminars in the third term are devoted to social policymaking by the EC and the Social Dimension of the Single Market.

Pre-Requisites: There are no requirements for this course.

Teaching Arrangements: 23 weekly seminars (SA164) beginning in week 3 of the Michaelmas Term; 20 weekly lectures in Michaelmas Term (SA164) (subject to approval) in Michaelmas and Lent Terms.

Reading List: Some Introductory texts are:

P. Baldwin, *The Politics of Social Solidarity*; P. Flora & A. J. Heidenheimer, *The Development of Welfare States in Europe and America*; A. J. Heidenheimer et al., *Comparative Public Policy* (3rd edn.); C. Jones, *Patterns of Social Policy*; R. Mishra, *The Welfare State in Capitalist Society*; M. Gold, *The Social Dimension* (Macmillan); Springer, *The Social Dimension of 1992*, (Praeger); Esping-Andersen, *The Three Worlds of Welfare Capitalism* (Polity); C. Pierson *Beyond the Welfare State* (Polity); C. Jones *New Perspectives on the Welfare State in Europe* (Routledge).

A full list will be handed out with the seminar programme.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6646

Social Policy Research Methods

Teacher Responsible: Professor Glennerster, Room A279 (with colleagues) To begin 1995/96)

Intended Primarily for M.Sc. Social Research Methods, M.Sc. Social Policy and Planning and M.Sc. European Social Policy.

Syllabus: The varied traditions and approaches to social policy research. The impact of research on Social Policy. Historical methods and the use of public and institutional records. Field studies, understanding institutions at work - administrative anthropology, interviewing staff and politicians, access. Social surveys and the analysis of large data sets. Quantitative analysis of particular importance in social policy - measures of inequality and distribution, poverty and needs analysis, micro-simulation models. The analysis of public expenditure. Policy analysis, and policy evaluation. The use of international comparative material. Specialist areas such as criminological research. Surveying users and clients.

Reading: A. B. Atkinson, *The Economics of Inequality*; P. Baldwin, *The Politics of Social Solidarity: Class Bases of the European Welfare State 1875-1975*; D. Billis, *Organising Public and Voluntary Agencies*; D. B. Bobrow & J. S. Drysek, *Policy Analysis by Design*; A. Bryman *Research Methods and Organisational Studies*; M. Bulmer, *The Uses of Social Research*; C. Hakim, *Secondary Analysis in Social Research*; Y. Hazenfield, *Human Services as Complex Organisations*; J. Hills, *The State of Welfare*; H. Glennerster *Planning for Priority Groups*; A. Likierman, *Public Expenditure*; G. Mayer & M. Wagstaffe (Eds.), *Research Methods for Elite Studies*; P. H. Rossi & H. E. Freeman, *Evaluation - a systematic approach*; C. Wenger *The Research Relationship: Practice and Policy in Social Policy Research*.

Teaching: 20 seminars (SA149), sessional. Seminars will be introduced by a member of staff expert in the particular method or topic and each will be followed by the examination of research that exemplifies the approach and issues raised.

Examination Arrangements: Three hours unseen paper taken in June.

SA6650

Innovation in Mental Health Work

Teacher Responsible: Dr. Shulamit Ramon, Room A273

Course Intended Primarily for part-time students working with the continued care client in mental health settings (short course/diploma) and for part-time students who will take the course as the first year of a part-time MSc in Social Policy and Planning.

Course Content: The course provides a multi-disciplinary approach to mental health work with the continued care client. The emphasis is on service innovation and providing a quality service.

Core components of the teaching include: supporting people in ordinary living, care management, innovating and maintaining new initiative, the policy context, evaluation and monitoring, quality assurance. Throughout the course attention is paid to the development of conceptual and research knowledge and their application to practice skills.

Pre-Requisites: Students will normally have a professional qualification in one of following disciplines: nursing, occupational therapy, psychology, psychiatry, social work, and will have at least two years post qualifying work experience.

Teaching Arrangements: The course will run for thirty days in college, with one block week at the beginning and another one at the end. Twenty one days will be taught one day per week (Wednesdays) during Michaelmas, Lent and Summer Terms. The days will be divided between seminars, workshops, self-study and tutorials (SA252).

Written Work: Students will be expected to complete two essays of 3000 words each and an innovation project of 6000 words.

Reading List: W. Anthony & A. Blanch, 'Research on Community Support Services: What have we learned' in *Psychosocial Rehabilitation Journal*, Vol. 12, No. 3, 1989; D. Brandon, *Innovation without Change?*, Macmillan, 1991; C. Brooker (Ed.), *Community Psychiatric Nursing: A Research Perspective*, Chapman Hall, 1990; A. Lavender & F. Holloway (Eds.), *Community Care in Practice: Services for the Continuing Care Client*, Wiley, 1988; J. O'Brien, *Against pain as a tool in professional work with people with severe disabilities*, King's Fund Publications, 1988; S. Onyett, *Case Management in Mental Health*, Chapman Hall, 1992; S. Ramon (Ed.), *Psychiatry in Transition*, Pluto Press, 1990; S. Ramon (Ed.), *Beyond Community Care: Normalisation and Integration Work*, Macmillan, 1991; S. Ramon (Ed.), *Psychiatric Hospital Closure: Myths and Realities*, Chapman Hall, 1992.

Assessment: Students working for the Diploma will be expected to attend regularly and complete success-

fully the course requirements as described above. Students who are registering for the MSc will need in addition to achieve marks of 60% overall and produce a project report which either reaches MSc standard or it has the potential of being revised to reach that standard by the end of their second year.

SA6651

The Management of Community Care for Older People

Teacher Responsible: Dr. Gail Wilson, Room A252

Course Intended Primarily for part-time students working in elderly care. The course counts as one paper for the part-time MSc Management or the M.Sc. in Social Policy and Planning. Students are advised to take the course in their first year.

Core Syllabus: (i) Background issues: Demographic; Medical: Social; Psychological and Policy Issues; (ii) Management in a Changing Environment; (iii) Service Planning, Evaluation and Research Methods; (iv) Provision of services for individuals; (v) Clinical skills and special therapies.

Course Content: The course starts from the assumption that older people value independence and the ability to order their own lives in the same way as other people do. Most older people manage well with their own resources but for those who need services the aim should be to maximise self-determination. The course is based on the five core areas listed above. The course follows an integrated approach to learning. The exact detail covered in each area will depend on the needs of course participants. The course will give participants a basic knowledge of theory and practice in the provision of care and treatment for older people living in the community. The emphasis will be on organisation and management in a changing environment, the variety of agencies involved with older people and on the information needed for successful case management and on assessment skills.

Pre-Requisites: Experience of working with older people.

Teaching Arrangements: The course will run for 22 days from 10.00 to 4.30 on Fridays in the Michaelmas, Lent and Summer Terms. Teaching will consist of lectures, workshops, presentations and discussion (SA251).

Written Work: Short pieces of written work will be set for most weeks. Students are required to submit three essays and a project during the course.

Reading List: G. Bennett & S. Ebrahim, *The Essentials of Health Care of the Elderly* (1992); T. Booth, *Home Truths: Old People's Homes and the Outcome of Care* (1985); J. Bornat, C. Phillipson & S. Ward, *A Manifesto for Old Age* (1985); M. Bulmer, *The Social Basis of Community Care* (1987); A. Butler et al., *Sheltered Housing for the Elderly* (1983); L. Challis, *Organising Public and Social Services* (1990); P. Chapman, *Unmet Needs and the Delivery of Care* (1979); N. Flynn, *Public Sector Management* (1993); E. M. Goldberg & N. Connelly, *The Effectiveness of Social Care for the Elderly* (1982); C. B. Handy, *Understanding*

Organisations (1985); C. Ham & M. Hill, *The Policy Process in the Modern Capitalist State* (1984); D. Hunter et al., *Care of the Elderly Policy and Practice* (1988); P. Johnson & J. Falkingham, *Ageing and Economic Welfare* (1992); E. Murphy, *Dementia and Mental Illness in the Old* (1986); A. Norman, *Rights and Risk* (1980); A. Norman, *Triple Jeopardy: Growing old in a second homeland* (1985); C. Victor, *Old Age in Modern Society* (1987); G. C. Wenger, *The Supportive Network* (1984); R. S. Wolf and K. Pillemer, *Helping Elderly Victims* (1989).

Examination Arrangements: The course will be assessed on the basis of three written assignments and the project essay.

COURSES INTENDED PRIMARILY FOR M.SC. HEALTH PLANNING AND FINANCING

SA6660

Health Services Evaluation and Management

Teachers Responsible: Dr. Nick Black, Dr. Irene Higginson, Dr. Martin McKee, Dr. J. Figueraws, Dr. S. Lessof and others, Department of Public Health and Policy, London School of Hygiene and Tropical Medicine

Course Intended Primarily for M.Sc. Health Policy Planning and Financing

Core Syllabus: This course provides a core of concepts, methods and techniques for the evaluation and management of health care.

Course Content: *One Linear Unit: followed by one of three study units* The meaning of health care, lay care and formal care. The meaning of disease. Disease categories. Clinical methods. Determinants of need. Conceptual model of need, demand and use. Describing and comparing health care systems. Healthcare financing and expenditure. Financial management. Outcomes management. *Health Care Evaluation Study Unit:* Disease measurement. Case mix and severity. Health status measurement. Evaluation of health services: effectiveness, equity, humanity, efficiency. Experimental methods. Geographical variation. Secular variation. *Organisational Management Study Unit:* Management. Organisational structure, culture, politics, motivation. Improving managers' effectiveness within organisations. Assessing service quality. Organisational change. Managing clinicians. *Financial Management Study Unit:* Using financial information for planning and management of resources special focus on NHS/developed countries.

Pre-Requisites: This course is most suitable for students with a background in the health professions and non-medical graduates with a good honours degree in one of the social sciences, interested in applying scientific theory and methods to health care systems.

Teaching Arrangements: Students take the Linear Unit and one of the three Study Units. The Linear Unit consists of 10 lectures (SA202) and 10 one-and-a-half hour seminars or practical sessions (SA203), in the Michaelmas Term. Study units (each occupying 2

days a week for 5 weeks) in the Lent or Summer Term.

Written Work: As well as seminar papers and practical work, the students will be expected to produce at least one essay or report for seminar tutors each term.

Reading List: The following is a basic reading list for the course. Specialised reading for seminar topics and background reading for practical sessions will be provided by lecturers responsible for particular aspects of the course.

M. F. Drummond, *Principles of Economic Appraisal in Health Care*; T. McKeown, *Role of Medicine*; Open University, *The Health of Nations*; M. Morgan, M. Calnan, & N. Manning, *Sociological Approaches to Health and Medicine*; N. Black et al., *Health and Disease, A Reader*; R. Fitzpatrick et al., *The Experience of Illness*; A. L. Cochrane, *Effectiveness and Efficiency*; M. McCarthy, *Epidemiology and Policies for Health Planning*; G. Knox, *Epidemiology in Health Service Planning*; J. Osborn, *Statistical Exercises in Medical Research*; D. J. P. Barker & G. Rose, *Epidemiology in Medical Practice*; P. Townsend & N. Davidson, *Inequalities in Health*; R. Maxwell, *Health and Wealth*; Open University, *Caring for Health: History and Diversity*; Open University, *Caring for Health: Dilemmas and Prospects*; R. Kohn & K. L. White, *Health Care International Study*.

Supplementary Reading List: This is given at the beginning of the course and reflects the special interests of the subject lecturers.

Examination Arrangements: Assessment includes one unseen three hour paper written in June plus one piece of continuous assessment taken within the chosen study unit.

SA6661

Foundations of Health Policy

Teachers Responsible: Professor J. Le Grand, Room A224 and others

Course Intended Primarily for M.Sc. in Health Planning and Financing, M.Sc. in Social Policy and Planning, M.Sc. Social Policy and Planning in Developing Countries.

Core Syllabus: This course provides the basic concepts, methods and techniques for health policy, planning and financing for countries at all levels of development.

Course Content: The meaning of health. The meaning of policy. The aims of health policy: health gain, efficiency, equity. Trade-offs between aims. The measurement of health and health outcomes. Trends in world health. The determinants of health. Theoretical approaches to health planning. Practical issues in health planning and case studies. Instruments of health policy, including health promotion, screening, health education, public health measures, fiscal measures, regulation. Health care Services: the market vs the state. Theories of market failure; theories of state failure. The growth of quasi-markets. The conditions of their success. The empirical record. Equity and health care systems. The finance of health care services. Private and public finance. The role of charges. Decentralization and

health care planning. Types of decentralization and factors influencing implementation. Human resource development: the process and limits of planning. Pharmaceutical planning: process and limits. Planning hospital resources. Primary health care.

Pre-Requisites: This course is most suitable for students with a background in the health professions or health management. Non-medical graduates should have a good honours degree in one of the social sciences.

Teaching Arrangements: This course consists of 24 lectures and 15 1½ hour seminars (SA154). Students will be expected to participate in practical sessions and make at least one seminar presentation per term.

Written Work: Students will be expected to produce at least one essay each term.

Reading List: B. Abel-Smith, *Cost Containment and New Priorities in Health Care: a Study of the European Community*, Avebury (1992); A. Green, *An Introduction to Health Planning in Developing Countries*, Oxford Medical Publications, OUP (1992); K. Lee & A. Mills, *Policy-making and Planning in the Health Sector*, Croom Helm (1983); W. Reinke (Ed.), *Health Planning for Effective Management*, OUP (1988); J. Le Grand & W. Bartlett, *Quasi-Markets and Social Policy*, Macmillan (1993); World Bank, *Financing Health Services in Developing Countries* (1987); T. McKeown, *The Role of Medicine*, OUP (1976); S. B. Halstead et al., *Good Health at Low Cost*, Rockefeller Foundation (1985).

Supplementary Reading List: This is given out at the beginning of the course.

Examination Arrangements: 1. An assessed essay, to be submitted by the last day of the Lent Term (25%). 2. A three-hour paper in which three questions have to be answered (75%).

Health Economics

Teachers Responsible: Dr A Mills, Room A224, London School of Economics, and Dr. Jennifer Roberts, Dr Jeremy Jones, Professor Charles Normand Room 30, Department of Public Health and Policy, London School of Hygiene and Tropical Medicine, and others

Course Intended Primarily for M.Sc. Health Planning and Financing.

Core Syllabus: This course develops basic economic concepts introduced in the Health Planning and Financing course, and provides for specialisation in health economics.

Course Content: Concepts of health as an economic good, externalities, public goods, risk and uncertainty. Impact of health on the economy and the economy on health, including aspects of growth, fluctuations, economic development, recession and unemployment. Impact of the international economy, including trade and aid, on health programmes. Supply and demand analysis, elasticity, taxes and subsidies and its application in health care and preventive programmes. Concepts of production, production functions, cost functions, size and scale; economic efficiency and optimisation. Concepts of value of health

and health care, human capital theory, measures of value of life, including implicit values. The role of the market in health care organisational structures, including the concept of internal markets, the economics of non-profit organisations, economics of bureaucracies and charities; and aspects of domestic and international economy that impinge on it, e.g. hospitals, public, private and voluntary, primary health care, pharmaceuticals, and high technology industries. Quantification, measurement and estimation of economic relationships including measurement of health outcome by using health status indices. Techniques of economic evaluation and planning, including cost benefit analysis and cost effectiveness studies, output budgeting, planned programme budgeting systems.

Pre-Requisites: This course is most suitable for students wishing to develop to a more advanced level the health economics component of the core course Health Planning and Financing.

Teaching Arrangements: This course consists of 24 lectures (SA200) and 24 1½ hour seminars (SA201). Seminars are organized by teachers on topics in which they have a special interest. Mr. Alan Marin of the Economics Department, Professor Howard Glennerster of the Department of Social Science and Administration and Professor Charles Normand of the LSHTM also take sessions. Additional optional sessions will be run at the LSHTM.

Written Work: As well as seminar papers and practical work, the students will be expected to produce at least one essay each term.

Reading List: The following is a basic reading list for the course: N. Barr, *Economics of the Welfare State*, Weidenfeld and Nicolson (1987); S. Cornia et al., *Adjustment with a human face* (1987); A. J. Culyer (Ed.), *Competition in Health Care*, Macmillan (1991); M. F. Drummond et al., *Methods for the Economic Evaluation of Health Care Programmes*, Oxford University Press (1987); K. Lee & A. Mills, *The Economics of Health in Developing Countries*, OUP (1983); A. McGuire et al., *The Economics of Health Care*, Routledge (1987); A. Mills & L. Gilson, *Health Economics for Developing Countries*, a Survival Kit EPC Publication, LSHTM (1988); A. Mills & K. Lee, *Health Economics Research in Developing Countries*, OUP (1992); E. J. Mishan, *Cost-Benefit Analysis*, George Allen and Unwin (1983).

Supplementary Reading List: This is given at the beginning of the course and reflects the special interests of the subject lecturers.

Examination Arrangements: 1. An assessed essay, to be submitted by the last day of the Lent Term (25%). 2. A three hour paper in which three questions have to be answered (75%).

SA6668

Applied Epidemiology

Teachers Responsible: Dr. A. Zwi, Department of Public Health and Policy, Health Policy Unit, London School of Hygiene and Tropical Medicine, and others

Course Intended Primarily for M.Sc. Health Policy Planning and Financing.

Core Syllabus: Specialised course designed to introduce epidemiological concepts and methods and apply them to health planning, organisation and evaluation.

Course Content: One linear unit followed by one study unit. Basic epidemiological concepts and methods; measurement of need and demand for health care services; screening procedures and programmes; surveillance, monitoring and health information systems; health and socioeconomic indicators; evaluation of efficiency, effectiveness and impact of health services; contribution of epidemiology to health planning and management at national, regional and local levels; uses of epidemiology in health services research and evaluation of technologies, procedures and specific interventions.

Pre-Requisites: This course is most suitable for students with a background in the health professions and non-medical graduates with a good honours degree in one of the social sciences, interested in applying epidemiological skills to planning, organisation and evaluation.

Teaching Arrangements: This course consists of 10 lectures (SA206) in the Michaelmas Term (ten one-and-a-half hour seminars/practicals (SA207); plus one study unit (occupying 2½ days a week for 5 weeks) in the Lent Term. Students will be expected to participate in seminars and practicals and will be required to produce at least one seminar paper each term. Some of the lectures and seminars will be given by specialists in the particular topics. This course will be given at the LSHTM.

Written Work: As well as seminar papers and practical work, the students will be expected to produce at least one piece of written work (an essay or practical exercise) for seminar tutors each term.

Reading List: The following is a basic reading list for the course; C. H. Hennekens & J. E. Buring, *Epidemiology in medicine*; J. N. Morris, *Uses of Epidemiology*; R. J. Donaldson & L. J. Donaldson, *Essential Community Medicine*; D. J. P. Barker & G. Rose, *Epidemiology in Medical Practice*.

Supplementary Reading List: This is given at the beginning of the course and reflects the special interests of the subject lecturers.

Examination Arrangements: Assessment includes one unseen three-hour paper written in June plus one piece of continuous assessment taken within the study unit of the course.

SA6669

Health Policy: Process and Power

Teacher Responsible: Dr. G. Walt, Department of Public Health and Policy, London School of Hygiene and Tropical Medicine

Course Intended Primarily for M.Sc. Health Policy Planning and Financing

Course Syllabus: This multidisciplinary course considers the context and process of health policy development and implementation, the actors involved in this process and develops skills of judgement and action for policy negotiations and option appraisal.

Course Content: *One Linear Unit: followed by one of three study units. Linear Unit: What is health policy?*

Models of policy-making. Political systems and public participation in the state. Exogenous factors affecting policy. Policy framework, policy areas and actors. *History and Health Study Unit:* History of health in Britain and Europe. Colonial medicine and health. Role and definition of public health. Relationship between health professions. Role of alternative medicine. Structure and financing of health services. Epidemics and social control. Women and health care. *Issues in the Political Economy of Development and Health Study Unit:* The meaning of development. Development theory and policies. Theories of political economy. Macroeconomic policy development and implementation, and impact on health. The political economy of health: the role of donors, privatization, HIV/AIDS, women and health, environmental health. Lessons for health policy development and implementation. *Policy in Food and Nutrition Study Unit:* Definition of Nutrition Problems by and for policy makers. Different Policy Mechanisms for addressing Food and Nutrition problems. Policy negotiations and Strategy Development.

Pre-Requisites: This course is most suitable for students with a background in the health professions and non-medical graduates with a good honours degree in one of the social sciences.

Teaching Arrangements: (SA208) Students take the Health Policy Linear Unit in the Michaelmas Term and one of three study units in the Lent/Summer terms. Each study unit occupies 2 half days per week for 5 weeks. Students will be expected to participate in seminars. This course will be given at the LSHTM.

Written Work: As well as seminar papers and practical work, the students will be expected to produce two written pieces of work for assessment during the course.

Reading List: More detailed reading lists will be available for each course unit. Basic reading includes: M. Griddle (Ed.), *Politics and Policy Implementation in the Third World*, (Princeton University Press, 1980); B. Hogwood and L.A. Gunn, *Policy Analysis for the Real World* (Oxford University Press, 1984); G. Walt, *Health Policy Process and Power* (Zed Press 1994).

Examination Arrangements: Assessment is through 1 three hour unseen exam held in June and 1 piece of continuous assessment within the selected study unit.

SA6670 Social Science Methods for Health Research

Teachers Responsible: Dr. P. Strong and Dr. A. Murcott, Department of Public Health and Policy, London School of Hygiene and Tropical Medicine
Course Intended Primarily for M.Sc. Health Policy Planning and Financing

Course Content: *One Linear Unit: followed by one of three study units. Linear Unit:* Introduction to basic research methods including principles of classification, measurement, reliability, validity, theory formation and researcher bias; applications of qualitative and measurement techniques. *Health: Psychological and Sociological Perspectives Study Unit:* Assessing health-related psychological out-

comes. Personality and cognitive factors in health and illness. Adherence/compliance with preventive and treatment regimes. Social support and health. Improving health and coping with illness. Cultural conceptions of health. Health and social stratification. *Medical Anthropology in Public Health Study Unit:* Social cultural dimensions of health and medicine. Concepts and definitions of disease, illness and sickness. Understanding people in context. Anthropology and epidemiology. Medical purism, health care and prevention. *Design and Management of Research Study Unit:* The research process qualitative and quantitative research. Writing a research proposal. Literature reviews. Designing interview schedules and questionnaires. Dissemination.

Pre-Requisites: This course is most suitable for students with a background in the health professions and non-medical graduates with a good honours degree in one of the social sciences.

Teaching Arrangements: (SA209) Students take the Social Science Methods and Methodology linear unit in the Michaelmas Term and one of three study units in the Lent/Summer terms. Each study unit occupies 2 half days per week for 5 weeks. Students will be expected to participate in seminars. This course will be given at the LSHTM.

Written Work: As well as seminar papers and practical work, the students will be expected to produce at least one essay or report for seminar tutors each term.

Reading List: More detailed reading lists will be available for each course unit. Basic reading includes: D. L. Patrick & G. Scrambler (Eds), *Sociology As Applied to Medicine*, Baillien Tindale (1982); D. Landy, *Culture, Disease and Healing*, Macmillan (1977); L. Eisenberg & A. Kleinman, *The Relevance of Social Science to Medicine*, D. Reidel & Co. (1981); D. J. Casley & D. A. Lurz, *Data Collection in Developing Countries: Surveys and Censuses in the Third World*, John Wiley (1983); A. Cocrane, *Effectiveness and Efficiency, Nuffield Provincial Hospitals Trust* (1971); G. Schambler (Ed.), *Sociological Theory and Medical Sociology*, Tavistock, (1987).

Examination Arrangements: Assessment includes one three hour unseen exam held in June plus one piece of continuous assessment within the selected study unit.

COURSES INTENDED PRIMARILY FOR M.SC. IN SOCIAL POLICY AND SOCIAL WORK STUDIES

The course combines studies for a higher degree with those aimed at a professional qualification in social work. These two aspects of study are seen as interdependent and are therefore combined in lecture courses, seminars, classes and tutorials. Students are expected to spend approximately fifty per cent of their time in approved fieldwork placements under the supervision of designated practice teachers. These placements run concurrently with academic work, and students' performance in them is assessed as an essential part of the overall result. Great importance is attached to the closeness of the links between

learning in fieldwork and at the School, and to individual tutorials. All these aspects of the course are reflected in the final examinations. In addition to three unseen papers students are required to submit a long essay of between 7,000 and 10,000 words, which must be on a subject related to areas of particular practice.

SA6680

Theories and Practice of Social Work

Teacher Responsible: Dr. R. Rachman, Room A271

Course Intended Primarily for M.Sc. in Social Policy and Social Work Studies.

Core Syllabus: The Social Work Practice and Studies courses extend throughout the two years, and includes both introductory and advanced level teaching. The courses have a dual aim - to provide students with a sound theoretical knowledge underpinning social work and to equip them with basic social work practice knowledge and skills necessary for the beginning practitioner.

Course Content: The courses begin with a discussion of the role of social work in contemporary society, the impact of public attitudes on social control, social care and social change. Different ways of conceptualising social work, its knowledge base, underlying value orientations and the issue of genericism/specialism are explored. Consideration is given to the nature and process of a professional relationship, communication, interviewing skills, assessment, goal setting, planned intervention, recording, termination and evaluation. Social work is discussed in relation to agency function, different client groups and different settings. Includes direct and indirect work with clients, collaboration with other organisations, working within teams, knowledge of group process and skills in working with groups.

Attention is given to specific issues, e.g. ethnic minorities; gender awareness; multidisciplinary conflicts, skill development.

Theoretical frameworks discussed include: the impact of psychoanalytical theory, self theories, ego psychology, learning theory; sociological perspectives, systems theory. Differential approaches include; crisis intervention, task-centred casework, behavioural therapy, family therapy.

Students will be expected to bring material from supervised practice experiences. In addition, use will be made of video, audio recordings, simulated cases, games exercises and role play.

Pre-Requisites: No previous knowledge of the subject is assumed.

Teaching Arrangements:

SA123 **Personal Social Services**, ten lectures, Michaelmas Term
SA302 **Human Growth and Behaviour Seminars**, 10 seminars in Michaelmas and Lent Terms
SA303 **Human Growth and Behaviour Lectures**, 20 lectures Michaelmas and Lent Terms
SA304 **Social Work Theory**, 25 meetings Michaelmas, Lent and Summer Terms
SA305 **Adult Psychiatry**, three half-day workshops, Michaelmas Term

SA306 **Child Psychiatry**, four half-day workshops, Lent Term

SA307 **Community Care**, six one day workshop, Lent Term

SA308 **Areas of Particular Practice: Application to Practice**, 22 MLS

SA310 **Topical Issues: Children and Families**, 10 lectures in the Lent Term

SA311 **Preparation for Probation**, 2 meetings in each of Michaelmas, Lent and Summer Terms

SA312 **Areas of Particular Practice: Theory** 22 seminars, Michaelmas and Lent Terms

SA313 **Law Rights and Social Work** 10 meetings Lent Term

SA314 **Social Work Legislation**, 6 lectures, Summer Term
SA315 **Social Work Studies**, 20 seminars, Sessional

SA315 **Issues and Dilemmas in Social Work**, 20 seminars, Sessional

SA318 **Introduction to Social Work**, ten lectures, Michaelmas Term

SA319 **Social Work Practice**, 25 seminars, Sessional

SA320 **Psychology and Social Work**, 20 lectures, Michaelmas and Lent Terms

SA321 **Psychology & Social Work Seminars**, 15 seminars, Sessional

SA322 **Long Essay Seminars**, 5 seminars, Summer Term

SA329 **Anti Racist and Anti Discriminatory Practice in Social Work**, 5 lectures, and 1 whole day Workshop Lent Term.

Reading List: This will be given in class.

Examination Arrangements: There is a three-hour formal examination in the Summer Term of the second year, based on the full syllabus.

SA6681

Psychology, Human Growth and Behaviour

Teacher Responsible: Mr. D. B. Cornish, Room A262

Examination and Component Courses Intended for M.Sc. Social Policy and Social Work Studies.

Core Syllabus: The aim of this group of courses is to provide social work students with a basic grounding in theories and research relating to normal and unusual human development and behaviour throughout the lifespan; and to examine the application of this material to the professional social work practice.

Course Content: The core courses in this subject field are **Human Growth and Behaviour**, and **Psychology and Social Work**. The course content will include the following topics; development before birth; early neonatal development; early social and emotional behaviour; attachment and bonding; cognitive development; moral development; language development; play; family structures and relationships; the child in the school; abnormalities in development; physical, psychiatric, emotional and behavioural disorders; adoption, fostering, children in care; the transition from adolescence to adult life; the physical, cognitive, emotional and social aspects of adulthood and the critical life stages and events;

young adulthood; work; marriage; parenthood; middle age; old age; loss; bereavement; death; the relationships between ethnicity, gender and core issues of human growth; disability; an introduction to theories of human behaviour and their relevance to social policy and social work practice; behavioural treatment approaches; identifying and developing social work skills.

Pre-Requisites: No previous knowledge of the subject field is required.

Teaching Arrangements: Lectures and Seminar courses for this paper are as follows:

SA302 **Human Growth and Behaviour Seminars**, 10 seminars in Michaelmas and Lent Terms

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms

SA304 **Social Work Theory**, 25 meetings Michaelmas, Lent and Summer Terms

SA313 **Law Rights and Social Work**, 10 meetings Lent Term

SA319 **Social Work Practice**, 25 seminars, Sessional

SA320 **Psychology and Social Work**, 20 lectures, Michaelmas and Lent Terms

SA321 **Psychology and Social Work Seminars**, 15 seminars, Sessional.

Some of the above courses, or parts thereof, are provided by outside speakers with particular expertise in the field.

Written Work: Essays will be set by tutors. In addition, students will be expected to prepare papers for seminar courses.

Reading List: No one book covers the entire syllabus. Students are advised to consult the reading list provided by those responsible for individual courses.

Examination Arrangements: One three-hour formal examination in the Summer Term of the first year of the M.Sc. course. Three questions are to be attempted.

SA6696

Criminal Justice Policy - Long Essay

Teacher Responsible: Course Director and Tutor
Course Intended Primarily for M.Sc. Criminal Justice Policy.

Those taking the course part-time must submit the essay in their second year. The course is compulsory for all students taking the M.Sc. in Criminal Justice Policy.

Core Syllabus: The objective of the Long Essay is to write an original dissertation on an approved topic in the field.

Selection of the Topic: The selection of the topic is a matter primarily for the student, though the approval of the supervisor is needed for topic registration.

Arrangements for Supervision: The tutor or other designated supervisor should discuss the selection of the topic and its title with the student, advise about preliminary reading, methods and broad analytical approach; and comment on the draft version. At their discretion, supervisors may give additional advice and comments.

Examination Arrangements: The date for submission of the Long Essay is September. Essays should be no more than 10,000 words in length, excluding

notes and appendices and should be typed. Formal titles should be registered with the Course Director by the end of January.

SA6697

Social Policy and Planning - Long Essay

Teacher Responsible: Course Convener and Tutor
Course Intended for M.Sc. Social Policy and Planning. The Long Essay is compulsory.

Core Syllabus: The purpose is to allow students to study a topic in depth researching the literature and analyzing a subject: often these essays involve original perspectives or research and some have been subsequently published.

Selection of Topic: The general subject area of the Long Essay should be approved by the course convener and tutor by the sixth week of the Michaelmas term and the final title of the Long Essay should be submitted to the course convener by the end of the Michaelmas Term.

Arrangements for Supervision: An appropriate tutor will be appointed to advise each candidate and comment on the first draft of the Long Essay.

Examination Arrangements: The completed essay, which should be typewritten, must be submitted by 20th June in the year of the examination. It must not exceed 10,000 words.

SA6698

European Social Policy - Long Essay

Teacher Responsible: Course Convener and Tutor
Course Intended Primarily for M.Sc. European Social Policy. The long essay is compulsory.

Core Syllabus: The purpose is to allow students to study a topic in depth researching the literature and analyzing a subject: often these essays involve original perspectives or research.

Selection of Topic: The general subject area of the Long Essay should be approved by the course convener and tutor by the sixth week of the Michaelmas Term and the final title of the Long Essay should be submitted to the course convener by the end of the Michaelmas Term.

Arrangements for Supervision: An appropriate tutor will be appointed to advise each candidate and comment on the first draft of the Long Essay.

Examination Arrangements: The completed essay, which should be typewritten, must be submitted by 20th June in the year of the examination. It must not exceed 10,000 words - bibliography and tables will not be included in this total.

SA6699

Health Planning and Financing - Report

Teacher Responsible: Dr. L. Gillson, Room A225 and tutor

Course Intended Primarily for M.Sc. Health Planning and Financing.

Core Syllabus: The purpose is to allow students to explore, in depth, topics in the general area of planning and financing of health care; or to apply analysis and techniques studied in other parts of the course to a health policy or health service issue.

Selection of Topic: The general subject area of the report should be approved by the course convener and tutor by the third week of term and the final title of the Report should be submitted to the course convener by the end of the Michaelmas Term.

Pre-Requisites: This course is intended for students studying on the M.Sc. Health Planning and Financing who have extensive experience in that area.

Arrangements for Supervision: An appropriate tutor will be appointed to advise each candidate and comment on the first draft of the Report.

Examination Arrangements: The completed Report, which should be typewritten, must be submitted by 1st June in the year of the examination. It should not exceed 10,000 words - bibliography and tables will not be included in this total.

COURSES INTENDED PRIMARILY FOR M.Sc. VOLUNTARY SECTOR ORGANISATION

SA6710

Voluntary Sector Policy and Administration

Teachers Responsible: Dr. David Billis, Room A281 and Margaret Harris, Room A269

Course Intended Primarily for M.Sc. in Voluntary Sector Organisation. Students on this degree must take this course.

Core Syllabus: The course is concerned with policy and practice, primarily in the UK voluntary sector although it also draws on relevant material from other countries. "The voluntary sector" is taken to refer to non-governmental, non-profit-seeking organisations. The course focuses particularly, but not exclusively, on welfare agencies.

Course Content: Themes: distinctive features of voluntary agency management; informality and bureaucracy; organisational change and growth; individual personality, organisational design and alternative agency structures; monitoring and control; inter-agency collaboration; policy formulation and change; values, legitimacy and agency structure; internal and external accountability. Topics: typologies and theories of the voluntary sector; relationship with central and local government; self-help, mutual-aid and associations; volunteering; governing bodies; headquarters and local groups; funding and its organisational impact; committees. Research-based and student case studies.

Pre-Requisites: This course is intended for people who have experience of the voluntary sector.

Teaching Arrangements: Weekly 1½ hour lectures in the Michaelmas, Lent and Summer Terms **Voluntary Sector Policy and Administration** (SA141); and Weekly 1½ hour seminars in the Michaelmas, Lent and Summer Terms **Institutions and Issues in the Voluntary Sector** (SA142) and

Aspects of Voluntary Sector Policy and Administration (SA143).

Written Work: Students must produce three course essays of not more than 1,500 words each on titles supplied by the course teachers.

Reading List: The following are some key texts. Much of the relevant literature is contained in pamphlets and journal articles and in the material produced by the Centre for Voluntary Organisation. Additional references will be provided at the start of the course and in lectures.

R. Kramer, *Voluntary Agencies in the Welfare State*; D. Billis, *Organising Public and Voluntary Agencies*; M. Harris & D. Billis, *Organising Voluntary Agencies: A Guide Through the Literature*; M. Brenton, *The Voluntary Sector in British Social Services*; W. Powell (Ed.), *The Nonprofit Sector: A Research Handbook*; R. Butler & D. Wilson, *Managing Voluntary and Non-profit Organisations*.

Examination Arrangements: There is a written formal three-hour examination in June which carries a maximum 50% of the marks for the course. The average marks of the three course essays submitted during the Michaelmas and Lent Terms also carry a maximum 50% of the marks.

SA6718

Voluntary Sector Dissertation

Teachers Responsible: Dr. David Billis, Room A281 and Margaret Harris, Room A269

Course Intended Primarily for M.Sc. Voluntary Sector Organisation. Students on this degree must take this course.

Core Syllabus and objective: A dissertation on a topic related to voluntary sector organisation and approved by the candidate's teachers. The dissertation offers the opportunity for detailed exploration, under supervision, of an area of special interest to the student. It may involve original field work or the analysis, appraisal and application of existing literature.

Supervision and Teaching Arrangements: Students will pursue their dissertations under the supervision of one of the course teachers who will offer advice on choice and scope of subject, methodology, reading, construction and presentation of the work. Comments will be provided on an initial draft. There will be fortnightly 1½ hours seminars (SA144) beginning in the Michaelmas Term, to enable students to explore their proposals and plans as a group.

Examination Arrangements: The dissertation must be submitted to a course teacher by 15 June. It should be not more than 10,000 words and typewritten.

COURSES INTENDED PRIMARILY FOR M.Sc. IN SOCIAL POLICY AND PLANNING IN DEVELOPING COUNTRIES

SA6760

Social Policy, Planning and Participation in Developing Countries

Teachers Responsible: Dr. Anthony Hall, Room

A260 and Ellen Wratten, Room A226

Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries.

Core Syllabus: The course is designed to give students a knowledge of the theory and methodology of social policy, planning and participation in developing countries. It examines the interrelationship between theoretical approaches to Third World development and the formulation and practice of social policy, planning and community participation in relation to different social, economic and political contexts.

Course Content: The development of social policy in the West and the Third World; major theoretical approaches to development and their implications for social policy; contextual sociological and economic development issues important for social policy; poverty and income distribution, employment and unemployment, migration, gender, the social dimensions of the debt crisis and structural adjustment programmes, approaches to social planning and implications for planning methodology and community participation; national level social policy issues relating to population, aid, famine and food security, technology, refugees, the environment; the role of government, international organisations, and non-government organisations in implementing social policy; basic development economics for social planning; markets and command economies, poverty and income distribution, economics of state intervention, trade and development, privatisation and planning, economic growth; social planning methods and planning techniques: qualitative and quantitative data collection, surveys, censuses, social indicators, use of computing in social planning, forecasting, cost-benefit analysis, social impact assessment, project appraisal, monitoring and evaluation; the organisation and management of social planning; centralisation and decentralisation, the role of community participation in social planning practice, operational community participation methodologies such as Participatory Rural Appraisal and Development Planning for Real; gender planning methodology.

Pre-Requisites: This paper is a compulsory part of the M.Sc. in Social Policy and Planning in Developing Countries. Students are expected to have a background in the social sciences and practical work experience in developing countries. Seminars draw extensively on case studies from the Third World and students should provide themselves with background information on their own countries, or one on which they intend to focus.

Teaching Arrangements: Teaching is by two one and a half hour lectures, one seminar and one workshop per week in the Michaelmas, Lent and half the Summer Terms. These are:

SA171: **Social Policy and Planning in Developing Countries** video series

SA172: **The Theory of Social Policy, Planning and Participation** (lecture and seminar series)

SA173: **The Methodology of Social Policy, Planning and Participation in Developing Countries** (lecture and workshop series)

Written Work: In addition to the preparation of papers, workshop exercises and a project-planning exercise for the seminars, students will write essays for their tutors on the subject matter of the course.

Reading List: No one book covers the entire syllabus so that specialist lists for each topic will be provided. The following books are recommended:

M. Hardiman & J. Midgley, *The Social Dimensions of Development: Social Policy and Planning in the Third World*; A. Hoogvelt, *The Sociology of Developing Societies*; I. Roxborough, *Theories of Underdevelopment*; J. Toye, *Dilemmas of Development*; D. Hulme & M. Turner, *Sociology and Development: Theories, Policies and Practices*; A. Webster, *Introduction to the Sociology of Development*; T. Barnett, *Sociology and Development*; S. MacPherson, *Social Policy in the Third World*; D. Conyers, *An Introduction to Social Planning in the Third World*; B. Wisner, *Power and Need in Africa*; G. Kitching, *Development and Underdevelopment in Historical Perspective*; M. Bulmer & D. Warwick (Eds.), *Social Research in Developing Countries*; D. Casley & D. Lury, *Data Collection in Developing Countries*; P. Healey et al., *Planning Theory*; J. Midgley & D. Piachaud, *The Fields of Social Planning*; D. Marsden & P. Oakley (Eds.), *Evaluating Social Development Projects*; M. Cernea, *Putting People First: Sociological Variables in Rural Development*; M. Edwards & D. Hulme (Eds.), *Making a Difference: NGOs and Development in a Changing World*; J. Clark, *Democratizing Development*; J. Friedmann, *Empowerment*; C. Moser, *Gender, Planning and Development*; F. Stewart, *Planning to Meet Basic Needs*; G. Cornia et al., *Adjustment with a Human Face*; C. Moser, 'Community Participation in Urban Projects in the Third World', *Progress in Planning*; P. Oakley & D. Marsden, *Approaches to Participation in Rural Development*.

Examination Arrangements: Assessment will be in two parts. Work covered in SA172 will be by a three-hour written examination in June which accounts for 75% of the marks. Students are required to answer three questions from a choice of 10-12 questions. SA173 will be evaluated through groupwork and a written report produced as part of the project planning exercise which accounts for 25% of the marks. SA173 will also form a useful foundation for the elective papers and some questions in those papers will require an understanding of the methodological issues covered in this core seminar.

SA6762

Planning Welfare Services and Social Security

Teachers Responsible: Mike Reddin, Room A201 and Lucy Bonnerjea, c/o Room A253

Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries.

Core Syllabus: This course is divided into two parts. The first part examines current debates in social welfare and the use of research in policy making and service planning. The second part of the course then discusses social security and cash benefit programmes in developing countries.

Course Content: The role of government, non-government organisations, international organisations in welfare planning; traditional and community based social welfare systems; planning for the welfare of

elderly people, children, refugees; family tracing in wars; privatisation of welfare; accountability, evaluation and value for money. Social security: ways of paying for welfare; the techniques of income support, through public and private agencies; taxes and benefits; insurance and assistance; the social and economic impact of social security; redistribution.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Work experience in welfare services and/or social security administration in developing countries is desirable, but not essential.

Teaching Arrangements: Teaching is provided through preliminary lectures and then by a seminar (SA177: **The Planning of Family Welfare Services and Social Security**) which is held weekly throughout the academic session. This course draws extensively on case study material from the Third World, and students are encouraged to bring with them information about welfare from a developing country.

Written Work: All students prepare presentations during the year, and are expected to read widely and participate in seminar discussions. In addition to seminar presentations students write essays on this subject for their tutors.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books.

J. Midgley, *Professional Imperialism: Social Work in the Third World*; and *Social Security, Inequality and the Third World*; M. Hardiman & J. Midgley, *The Social Dimensions of Development*; W. Clifford, *A Primer of Social Casework in Africa*; S. D. Gokhale & B. Chatterjee (Eds.), *Social Welfare: Legend and Legacy*; N. Hassan, *The Social Security System of India*; ILO, *The Cost of Social Security*; S. K. Khinduka (Ed.), *Social Work in India*; P. Moulton, *Social Security in Africa*; R. Savy, *Social Security in Agriculture*; C. Mesa-Lago, *Social Security in Latin America*; S. MacPherson, *Social Policy in the Third World*; D. Conyers, *An Introduction to Social Planning in the Third World*.

Students are also encouraged to consult the following journals which contain many relevant articles:

International Social Work; *International Social Security Review*; *International Labour Review*.

Examination Arrangements: There is a three-hour written examination paper in June which accounts for 75% of the total marks. Students are required to answer three questions from a choice of 10 to 12 questions. In addition, students are required to write an extended elective essay, which accounts for 25% of the marks.

SA6763

Urbanisation and Social Planning

Teacher Responsible: Ms. Ellen Wratten, Room A226

Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries.

Core Syllabus: The course examines the contextual, social, economic and spatial problems associated with urbanisation in developing countries, and the different policies and planning practices designed to solve them.

Course Content: The course is divided into four parts. The first part explores different conceptual approaches to Third World development and their implications for the analysis of urbanisation and the city. The second part examines the urbanisation process and national urban planning: rural to urban migration; urban growth; national urbanization strategies; regional planning. The third part of the course discusses theories and policy prescriptions concerning social problems within developing cities: poverty and unequal income distribution; individual and community level survival strategies; gender roles and needs; urban social movements; employment and the informal sector; access to land; squatter settlements and housing; health and the environment; street children. The final part covers the management of planned intervention in the urban context: decentralized planning and urban management; community participation in urban projects; and the social impact of structural adjustment policies in cities.

Pre-Requisites: This paper is one of the options available to the M.Sc. students. Knowledge of economic and social aspects of urban development and work experience in developing countries is desirable, but not essential.

Teaching Arrangements: Four introductory lectures (SA179) in the Michaelmas Term, followed by 21 seminars and workshops over the Michaelmas, Lent and Summer Terms.

Written Work: All students prepare presentations during the year, and are expected to read widely and participate in seminar discussions. In addition to seminar and workshop presentations students write essays on this subject for their tutors.

Reading List: A detailed reading list will be included in the seminar programme. The following is an introductory list of books: A. Gilbert & J. Gugler, *Cities, Poverty and Development*; J. Hardoy & D. Satterthwaite, *Squatter Citizen*; B. Roberts, *Cities of Peasants*; R. Sandbrook, *The Politics of Basic Needs*; J. Toye, *Dilemmas of Development*; P. Saunders, *Social Theory and the Urban Question*; M. Castells, *City, Class and Power*; R. Bromley & C. Gerry (Eds.), *Casual Work and Poverty in Third World Cities*; R. Bromley (Ed.), *The Urban Informal Sector*; D. Hurley, *Income Generation Schemes for the Urban Poor*; H. Streeton, *Urban Planning in Rich and Poor Countries*; C. Gore, *Regions in Question*; J. Lynn, *Cities in the Developing World*; J. Turner, *Housing by People*; R. Skinner & M. Rodell, *People, Poverty and Shelter*; P. Ward (Ed.), *Self-Help Housing*; J. Gugler (Ed.), *The Urbanisation of the Third World*; C. Moser & L. Peake (Eds.), *Women, Human Settlements and Housing*; J. Hardoy et al., *Environmental Problems in Third World Cities*; T. Harpham et al., *In the Shadow of the City: Community Health and the Urban Poor*; I. Tabibzadeh et al., *Spotlight on the Cities: Improving Urban Health in Developing Countries*; C. Moser, *Gender, Development and Planning*; L. Brydon & S. Chant, *Women in the Third World: Gender Issues in Rural and Urban Areas*; J. Boyden, *Children of the Cities*; N. Devas & C. Rakodi (Eds.), *Managing Fast Growing Cities*.

Examination Arrangements: There is a three-hour written examination paper in June which accounts for 75% of the total marks. Students are required to answer three questions from a choice of 10 to 12

questions. In addition, students are required to write an extended elective essay, which accounts for 25% of the marks.

SA6764

Social Planning for Rural Development

Teacher Responsible: Dr. A. Hall, Room A260
Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries.

Course Syllabus: The course is designed to introduce students to the problems of rural development in the Third World, to consider alternative strategies for improving levels of living in rural areas, and to increase the contribution of the rural sector to national development.

Course Content: The rural sector in national development, the agrarian transition, theories of peasant decision-making, land tenure and agrarian reform. Tools and strategies of rural development: resettlement, community development, integrated rural development, the green revolution, appropriate technology, biotechnology, cooperatives. Environmental aspects, management and community participation, the role of foreign aid and impact of structural adjustment policies on the rural sector.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Knowledge of rural areas and relevant work experience is desirable but not essential.

Teaching Arrangements: Four introductory lecturers are followed by a weekly Seminar in the Michaelmas, Lent and Summer Terms.

A detailed programme is handed out at the beginning of the Session. Students are required to present papers for group discussion and must provide an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or with the course teachers.

Written Work: In addition to seminar presentations students write essays on this subject for their supervisors.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books.

J. Harris (Ed.), *Rural Development* (1982); N. Long, *An Introduction to the Sociology of Rural Development* (1977); A. Pearse, *Seeds of Plenty, Seeds of Want* (1980); R. Chambers, *Rural Development: Putting the Last First* (1983); C. K. Eicher & J. M. Staatz (Eds.), *Agricultural Development in the Third World* (1983); P. Harrison, *The Greening of Africa* (1987); C. Dixon, *Rural Development in the Third World* (1990); R. Chambers et al., (Eds.), *Farmer First* (1989).

Examination Arrangements: There is a three-hour written examination paper in June which accounts for 75% of the total marks. Students are required to answer three questions from a choice of 10-12 questions. In addition, students are required to write an extended elective essay, which accounts for 25% of the marks.

Education and Social Planning

Teacher Responsible: Dr. A. Hall, Room A260
Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries. Students in some other branches of the M.Sc. in the Faculty of Economics may also take this paper by agreement with their supervisors.

Core Syllabus: The course is designed to consider the role of education in national development and its relation to manpower needs, with particular reference to the situation in developing countries.

Course Content: Education and development: the current crisis, education and social theory. Educational access and policy-making: social class, ethnicity and religion bias, gender issues. Educational planning and reform: spatial economics of educational planning, curriculum development (primary and secondary, vocational, university), education for literacy and basic needs, improving the 'quality' of education, the politics and the role of foreign aid, the impact of economic recession and structural adjustment on the education sector.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Work experience in education is desirable, but not essential.

Teaching Arrangements: Four introductory lectures in the Michaelmas Term and followed by weekly seminars in the Michaelmas, Lent and Summer Terms.

For the seminar SA180 a detailed programme is handed out at the beginning of the session. Students are required to present papers for group discussion, and must provide an outline on the blackboard or by handouts. Extensive reading is an essential part of the course and students are encouraged to discuss seminar presentations with their supervisors or course teachers. During the Michaelmas Term students may also attend a series of lectures by Dr. Chris Dougherty on Manpower Development Planning (Ec251).

Written Work: In addition to seminar presentations students are required to write one essay on the education system of their own country during the Christmas vacation, for presentation at the start of the Lent Term.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books:

S. Graham-Brown, *Education in the Developing World* (1991); J. Simmons (Ed.), *The Education Dilemma* (1980); A. R. Thompson, *Education and Development in Africa* (1981); G. Psacharopoulos & M. Woodhall, *Education for Development: An Analysis of Investment Choices* (1985); K. Lillis (Ed.), *School and Community in Less Developed Areas* (1985); P. H. Coombs, *The World Crisis in Education* (1985); IDS, "Adjusting Education to Economic Crisis", *IDS Bulletin*, January 1989.

Examination Arrangements: There is a three-hour written examination paper in June which accounts for 75% of the total marks. Students are required to answer three questions from a choice of 10 to 12 questions. In addition, students are required to write an extended elective essay, which accounts for 25% of the marks.

SA6765

Gender, Development and Social Planning

Teacher Responsible: To be announced
Course Intended Primarily for M.Sc. in Social Policy and Planning in Developing Countries.

Core Syllabus: This course reviews the development of gender policy and its role in social planning in the context of developing countries. It aims to examine and integrate gender planning concepts and techniques into the planning process.

Course Content: The first part of the course discusses the gender roles of women and men in developing countries and seeks to identify entry strategies for planners. The second part of the course explores the impact of gender in different policy sectors, such as education, health, population, housing, employment, basic services and rural development. The third part of the course examines the potential for the implementation of gender planning at international, national and local level. The focus of the course is on applied techniques and the use of case studies for analysis of policy and implementation, and requires input from students' experience in developing countries.

Pre-Requisites: This paper is one of the options available to M.Sc. students. Knowledge of economic and social aspects of development and work experience in developing countries is desirable, but not essential.

Teaching Arrangements: Four introductory lectures (SA174) in the Michaelmas Term, followed by 21 seminars over the Michaelmas, Lent and Summer Terms.

Written Work: All students prepare presentations during the year, and are expected to read widely and participate in seminar discussions. In addition to seminar presentations students write essays on this subject for their tutors.

Reading List: Detailed reading lists will be given out at the beginning of the lecture and seminar programmes. The following is an introductory list of books:

J. Momsen & V. Kinnaird, *Different Places, Different Voices*; L. Ostergaard, *Gender and Development*; J. Cleaves Mosse, *Half the World, Half the Chance*; C. Moser, *Gender, Planning and Development*; C. Katz & J. Monk, *Full Circles*; B. Rogers, *The Domestication of Women; Discrimination in Developing Societies*; N. Charles, *Gender Divisions and Social Change*; G. Sen & C. Grown, *Development Crises and Alternative Visions*; M. Umfreville, *Sexonomics: An Introduction to the Political Economy of Sex, Time and Gender*; H. Allison, G. Ashworth & N. Redclift, *Hard Cash: Manmade Development and Its Consequences, A Feminist Perspective on Aid*; K. Young, *Of Marriage and the Market*; L. Beneria (Ed.), *Women and Development: The Sexual Division of Labour in Rural Societies*; N. Nelson (Ed.), *African Women in the Development Process*; D. Elson, *The Impact of Structural Adjustment on Women: Concepts and Issues*.

Examination Arrangements: There is a three-hour written examination paper in June which accounts for 75% of the total marks. Students are required to answer three questions from a choice of 10 to 12 questions. In addition, students are required to write

SA6766

an extended elective essay, which accounts for 25% of the marks.

SA6767

Comparative Social Policies for Ageing Populations

Teacher Responsible: Dr. Gail Wilson, Room A270

Course Intended Primarily for MSc students interested in Ageing.

Core Syllabus: The course will examine policy responses to ageing populations from different theoretical perspectives. The aim will be to consider the experience of ageing and to analyze the options available in different societies, taking demographic, economic, social and political conditions into consideration.

Course Content: Theories of the state, theories of ageing, policy formulation, economics of ageing, pensions policies, gender and old age, service delivery with special attention to accountability, participation and user empowerment.

Pre-Requisites: None

Teaching Arrangements: Twelve lectures and seminars (SA159) in the Michaelmas and Lent terms. Students will take responsibility for seminar presentations.

Reading List: S. Atber & J. Ginn (1991), *Gender and Later Life*; G. Bennet & P. Kingston, *Elder Abuse* (1993); K. Blakemore & M. Boneham, *Age, Race and Ethnicity* (1994); L. Day, *The Future of Low Birthrate Populations* (1992); C. L. Estes, J. H. Swan & associates, *The Long Term Care Crisis Elders Trapped in the No-Care Zone* (1993); M. Forster, *Have the Men Had Enough* (1989); D. Hunter et al., *Care of the Elderly Policy and Practice* (1988); P. Johnson & J. Falkingham, *Ageing and Economic Welfare* (1992); T. Schuller, *Age, Capital and Democracy* (1986); K. Tout, *Ageing in Developing Countries* (1989); C. Victor, *Old Age in Modern Society* (1987).

Examination Arrangements: There will be a two hour unseen examination at the end of the course which will count for 60% of marks. Students will submit two essays during the course which will each count for 20% of the final mark.

COURSES INTENDED PRIMARILY FOR M.Sc./DIPLOMA IN HOUSING

SA6770

Housing Policy and Administration

Teachers Responsible: Dr. Anne Power, Room A226 and Dr. Mark Kleinman, Room A259

Course Intended Primarily for M.Sc./Diploma in Housing.

Core Syllabus: This is the core course for the first year of the Housing Diploma. It covers:

(1) The development of British Council housing, from the nineteenth century ongoing to 1992.

(2) The government of housing including the formulation of policy, policy analysis and change.

(3) The development of social housing in Europe, provision through private bodies, the survival of private landlords, the convergence of social problems in marginalised housing areas.

(4) The management of social housing, the role of tenants, of alternative bodies, of local authorities in a climate of rapid change. Topics include: garden cities, slum clearance, difficult to let estates, access and discrimination, decentralisation, right to buy and other privatisation initiatives, inner city problems, French, German, Danish examples, design and crime, tenant participation and co-operatives, homelessness, central-local conflict, contracting, housing associations.

Teaching Arrangements: Core teaching for this paper is provided by 25 lectures (SA187) and 25 seminars (SA187a).

A number of other courses provide valuable supplementary coverage according to interests: Supplementary teaching will be available in the following course:

Gv211 **Public Policy and Planning** lectures.

Reading List: J. Burnett, *A Social History of Housing*; B. Cullingworth, *Council Housing: Purposes, Procedures and Priorities*; D. Donnison & C. Ungerson, *Housing Policy*; E. Gaudie, *Cruel Habitations*; S. Merrett, *State Housing in Britain*; M. Swenarton, *Homes Fit for Heroes*; A. Wohl, *The Eternal Slum*; M. Boddy, *Building Societies*; P. Dunleavy, *The Politics of Mass Housing in Britain 1945-75*; J. Macey, *Housing Management*; J. Melling, *Housing, Social Policy and the State*; M. Burbidge et al., *Investigation of Difficult to Let Housing*; W. Dunn, *Introduction to Public Policy Analysis*; A. Power, *Local Housing Management*; A. Holmans, *Housing Policy in Britain*; National Federation of Housing Associations, *Report of the Inquiry into British Housing*; A. Coleman, *Utopia on Trial*; S. Cooper, *Public Housing and Private Property*; P. Saunders, *A Nation of Homeowners*; Audit Commission, *Managing the Crisis in Council Housing*; A. Power, *Property Before People*; E. Savas, *Privatization*; J. Turner, *Housing by People*; P. Malpass & A. Murie, *Housing Policy and Practice* (2nd Edn.), Audit Commission, *Homelessness*; Ball & Havloe, *Social Housing in Europe & USA*; P. Emms, *Social Housing - a European Dilemma?*

Examination Arrangements: There is a three-hour formal written examination in June. Four questions must be answered.

SA6772

Legal Studies

Teachers Responsible: Professor Michael Zander, Room A303 and Mr. Russell Campbell, c/o Room A255

Course Intended Primarily for M.Sc./Diploma in Housing.

Course Syllabus: To provide an introduction to the English Legal system and relate it to housing policy in both public and private sectors.

Course Content: The course is in two parts. Part I will cover the law-making process, courts,

lawyers, legal aid. See Calendar LL5020.

Part II will cover: (1) Introduction; legal concepts relating to housing. (2) Private rented sector; security of tenure, rent regulation. (3) Public rented sector; security of tenure, allocation policies, managements, rents, sales. (4) Homelessness; responsibilities of local housing authorities. (5) Housing conditions, repairs, unfitness, statutory nuisances, over-crowding, clearance, improvement.

Teaching Arrangements: Students will attend 10 lectures (LL160) the **English Legal Institutions**, and 10 lectures (SA185) in the Lent term on **Housing Law**. There will be 25 law classes (SA185a) in Michaelmas and Lent and Summer terms to integrate the two courses and relate them to housing issues and practice.

Reading List: Michael Zander, *The Law Making Process*; D. Hoath, *Public Sector Housing Law*; A. Arden, *Manual of Housing Law*; A. Arden & M. Partington, *Housing Law*; H. Farrar & M. Dugdale, *Introduction to Legal Method*; Partington and Hill, *Materials on Housing Law*.

Examination Arrangements: There is a three-hour formal written examination in June. Students must answer four questions.

SA6773

Housing Economics and Housing Finance

Teachers Responsible: Dr. Mark Kleinman, Room A259 and Dr. C. M. E. Whitehead, Room S377

Course Intended Primarily for M.Sc./Diploma in Housing.

Core Syllabus: The course provides an introduction to economics which is then applied to the particular problems of housing economics and finance.

Course Content: The course is in three parts. The first covers an introduction to social economics, examining the determinants of supply and demand, the price system and market equilibrium, market failure, government intervention and the role of government in the UK.

The second part deals with the determinants of need, demand and supply of housing and tenure, the financing and subsidy system as it applies to owner-occupation - covering sources of finance, interest rates, the form of general subsidy, subsidies to existing stock and subsidies to assist investment and allocation; the financing and subsidy system as it applies to private renting - covering the determination of rents, security of tenure, the taxation framework, and the effect of the control system on the incentive to supply and demand rented accommodation. The third part deals with public expenditure on housing; local government finance as it relates to housing and central-local relations; capital expenditure on social housing; Housing revenue accounts and subsidies to local authorities; pricing and allocation decisions in social housing; the system of finance for housing associations; the financing of stock transfer; improvement grants; the operation of income related subsidies; comparative analysis of tenures and of proposals for the reform of housing finance; housing and the national economy; forecasting housing demand and

housing need; housing finance in other countries.

Teaching Arrangements: 10 lectures (SA130): **Social Economics - Dr. Mark Kleinman**, (10M) 30 lectures: **Housing Economics and Housing Finance** (SA186) **Mark Kleinman** and **Christine Whitehead** (10M, 20L). Classes: (SA186a) integrating the two courses (10M, 10L, 5S).

Reading List: Detailed reading lists will be provided at the beginning of each course. Relevant texts include: D. Begg, S. Fischer & R. Dornbush, *Economics*; J. Hills, *Unravelling Housing Finance*; P. Malpass, *Reshaping Housing Policy*; D. MacLennan, *Housing Economics*; R. Robinson, *Housing Economics and Public Policy*; H. Glennerster, *Paying for Welfare*; H. Aughton, *Housing Finance: A Basic Guide*; K. Gibb & M. Munro, *Housing Finance in the UK*

Examination Arrangements: There is a three-hour formal written examination in June. Four questions must be answered.

SA6780

Management Studies

Teacher Responsible: Dr Anne Power, Room A239
Course Intended Primarily for M.Sc./Diploma in Housing.

Core Syllabus: This course introduces students to the social science analysis of management; examines key contemporary issues in the management of people at work; and applies the study of management to the study of housing.

Course Content:

Management Studies:

- (1) The Nature of Managerial Work.
- (2) Motivation at Work.
- (3) Control Systems and Human Resources Management.
- (4) Bureaucracy and Administrative Organization.
- (5) Alternative Forms of Organization.
- (6) Intra-organizational Conflict.
- (7) Industrial Conflict and Industrial Relations.
- (8) Managing Organizational Change.
- (9) Culture and Quality.
- (10) Organizational Effectiveness.

Teaching Arrangements: 10 lectures (SA195) in the Lent Term and 10 classes (SA195a) in the Lent Term in **Management Studies**; plus a 2½ day residential course on management skills.

Reading List: H. Mintzberg, *Structure in Fives* (1985); J. Child, *Organization*, 2nd edn. (1984); C. Handy, *Understanding Organizations*, 3rd edn. (1985); E. Schein, *Organizational Psychology*, 3rd edn. (1980).

Examination Arrangements: There is a two hour written examination in June.

SA6781

Building Studies

Teacher Responsible: Michael Hatchett

Course Intended Primarily for M.Sc./Diploma in Housing second year students.

Core Syllabus: To introduce students to the basic principles of construction and maintenance of dwellings with an emphasis on the identification of problems and their solutions. The organisation and management of building and repairs programmes will also be covered.

Course Content: A series of lectures/seminars will cover the following topics: structural elements of buildings; finishings and fittings; services to buildings; additional building requirements, such as services of high rise dwellings, fire precautions, sound and thermal insulation; the management of maintenance organisations; maintenance programmes, including structural defects, non structural repairs, preventive maintenance, repairs to voids, emergency repairs systems, and tenant initiated repairs; modernisation and improvements to dwellings.

Teaching will be backed up by a field study programme undertaken by the students during their work as housing trainees.

A field studies notebook is an essential ingredient of the course and counts for 20% of the examination marks; the written examination counts for 80% of the marks.

Teaching Arrangements: 25 combined lectures/seminars in Michaelmas, Lent and Summer Terms (SA196)

Reading List: W. B. McKay, *Building Construction*, Longmans, 1982, Vols. 1-4; Mitchell, *Building Construction Series*; B. T. Batsford & A. Woodhead, *House Construction - A Basic Guide*, Institute of Housing, 1985.

Examination Arrangements: There is a three hour written examination in June. Students must answer four questions. The Building Studies Fieldwork Notebook must be submitted by 1st May and non-submission will lead to candidates being excluded from examinations.

SA6782

Planning Studies

Teacher Responsible: Dr. Michael Hebbert, Room S420

Course Intended Primarily for M.Sc./Diploma in Housing.

Core Syllabus: The course (a) provides a summary introduction to the aims and operation of the British town and country planning system; (b) reviews research findings about its effect upon the housing market.

Course Content: Historical background to the town planning movement, and its links to housing reform. Town & Country Planning - the statutory framework and policy basis. Planning implications of local government structure and reorganisation. The town planning profession (RTPI), its emergence and ideology. Postwar town planning in theory and practice.

Housing land allocation, greenfield versus brownfield. Nimbysm and the politics of rural protection. Planned growth, particularly new town development, public and private. The debate about land release in the 1980s, and its effect upon housing affordability and standards. The planning system and house prices. Relevance of 'planning gain' for social housing pro-

vision. Local authorities as enablers.

Housing aspects of the new environmentalism - broadacre versus the compact city.

Teaching Arrangements: 7 lectures (SA197), Michaelmas Term.

Reading List: Brindley *et al.*, *Remaking Planning*, Unwin Hyman (1990); J. B. Cullingworth, *Town & Country Planning in Britain*, Unwin Hyman (1988); T. Elkin *et al.*, *Reviving the City*, PSI (1991); P. Hall, *Cities of Tomorrow*, Basil Blackwell (1988); P. Healey *et al.*, *Land Use Planning and the Mediation of Urban Change*, Cambridge University Press (1988); J. Herington, *Planning Processes*, Cambridge (1989); A. Ravetz, *Remaking Cities*, Croom Helm (1980); E. Reade, *British Town & Country Planning*, Open University (1987); H. Sherlock, *Cities are Good for Us*, Paladin (1991).

Examination Arrangements: An essay of not more than 3,000 words is to be handed in by the end of the first week of Lent Term. A list of approved essay questions will be distributed in week 5 of Michaelmas.

SA6784

Housing Dissertation

Teachers Responsible: Dr. Anne Power, Room A226 and Dr. Mark Kleinman, Room A259

Course Intended Primarily for M.Sc. in Housing.

Core Syllabus: A dissertation of not more than 10,000 words on a housing topic to be approved by the candidate's teachers. The dissertation offers the opportunity for a detailed and thorough exploration of an area of special interest to the student. It may involve original field work.

Supervision and Teaching Arrangements: Students will pursue their dissertations under the supervision of one of the course teachers who will offer advice on

choice and scope of subject, methodology, reading and construction of the work. Comments will be provided on an initial draft. In addition, there will be seminars throughout the final second year to provide a focus for discussion on housing topics and to help students explore their area of interest.

Examination Arrangements: The dissertation must be submitted to the Course Director by September 1st in 1993/94. By June 15 from 1994/95. It should be typewritten. Precise details on format and presentation will be issued by the Department. Candidates may be called for an oral examination if the Examiners wish to satisfy themselves that the dissertation is the candidate's own work.

SA6799

Social Policy and Planning in Developing Countries - Long Essay

Teacher Responsible: Course Director and Tutor

Course Intended for The Long Essay is a course requirement for all those taking the M.Sc. in Social Policy and Planning in Developing Countries.

Core Syllabus: The 10,000 word Essay enables students to analyse in greater depth a topic of relevance to social policy and planning.

Selection of Topic: The area of study is defined by the student, with the supervisor's assistance if necessary, during the Michaelmas Term.

Arrangements for Supervision: The supervisor will provide regular supervision and read drafts, providing feedback as required.

Examination Arrangements: The date for submission of the Long Essay is usually the end of August. Essays should be no more than 10,000 words in length, excluding notes and appendices. Students are strongly recommended to acquire work processing skills and type their own essays.

Department of Sociology

Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Course Guide Number
I. Three papers as follows:		
1.	Methods of Sociological Study	So6800
2 & 3.	Two of the following	
	(a) Social Analysis of Industrial Societies	So6830
	(b) Sociology of Development	So6831
	(c) Sociology of Deviant Behaviour	So6881
	(d) Sociology of Religion	So6880
	(e) Sociology of Work, Management and Employment	So6832
	(f) (i) Theories of Political Sociology	So6853
	(ii) Political Stability and Change	So6852
or	(g) Medical Sociology	So6882
	(h) Sociological Theory	So6815
	(i) Nationalism	So6850
	(j) Society, Culture and Media	So6884
	(k) The Sociology of Women	So6883
	(l) Professions, Society and Policy: Lawyers, Engineers and Accountants (<i>not available 1994-95</i>)	So6885

and

II. An essay of not more than 10,000 words on an approved topic

In exceptional circumstances, and subject to the approval of their teachers, candidates may substitute for paper 1 a further paper from 2 and 3 above. A paper from any other course for the M.Sc. in the Faculty of Economics may, with the approval of the teachers concerned, be substituted for one paper taken under 2 and 3. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which the paper is listed.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Essay	1 September

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Course Guide Number
So103	Issues and Methods of Social Research Mr. C. Mills	30/MLS	So5801; So6960; So5622
So106	Sociological Theory Professor N. Mouzelis and Dr. A. W. Swingewood	20/ML	SA5725; So5821; So6815
So130	Political Sociology (alternate years) (Not available 1994-95) Mr. A. W. G. Stewart	23/MLS	Gv4042; So5880; So6853
So131	Political Processes and Social Change (alternate years) Mr. A. W. G. Stewart	23/MLS	So5881; So6852
So132	Sociology of Development (alternate years) (Not available 1994-95) Dr. L. Sklair	24/MLS	So5882; So6831
So133	Theories and Problems of Nationalism Professor A. D. Smith, Professor J. B. L. Mayall and Mr. G. Schöpflin	20/ML	So5883; So6831; So6850
So142	Sociology of Religion (alternative years) Professor E. V. Barker	25/MLS	So5921; So6880
So151	Sociology of Work, Management and Employment - Seminar Professor S. R. Hill	23/MLS	So6832
So160	Design and Analysis of Social Investigation Mr. C. Mills and Professor P. Abell	26/MLS	So6800
So161	Design and Analysis of Social Investigation: Special Topics Mr. C. Mills	11/ML	So6800

Lecture/ Seminar Number			Course Guide Number
So162	Social Analysis of Industrial Societies - Seminar (Not available 1994-95) Dr. E. A. Weinberg	25/MLS	So6830
So163	Sociology of Development - Seminar (alternate years) (Not available 1994-95) Dr. L. A. Sklair and Professor A. D. S. Smith	24/MLS	So6831
So165	Sociology of Deviant Behaviour - Seminar Professor D. M. Downes and Professor P. E. Rock	23/MLS	So6881
So166	Sociology of Religion - Seminar Professor E. V. Barker	30/MLS	So5921; So6880
So167	Theories of Political Sociology Mr. A. W. G. Stewart	22/MLS	So6853
So168	Political Stability and Change - Seminar (Not available 1994-95) Mr. A. W. G. Stewart	22/MLS	So6852
So169	Nationalism - Seminar Professor A. D. S. Smith, Mr. G. Schöpflin and Professor J. B. L. Mayall	20/MLS	So6850
So170	Qualitative and Quantitative Methods of Criminological Enquiry - Seminar Professor P. Rock, Professor S. Cohen and Mr. D. Cornish	15/ML	So6899
So171	Sociological Theory - Seminar Mr. A. W. G. Stewart, Professor N. Mouzelis and Dr. A. Swingewood	22/MLS	So6815
So172	The Sociology of Women (Not available 1994-95) To be announced	23/MLS	So6883

Lecture/
Seminar
NumberCourse Guide
Number

So173	Society, Culture and Media (Not available 1994-95) Dr. A. Swingewood	20/MLS	So6884
So174	Professions Society and Policy: Lawyers, Engineers and Accountants (Not available 1994-95) Mr. M. Burrage		So6885

Course Guides

So6800

Methods of Sociological Study

Teachers Responsible: Mr. C. Mills, Room S875 and Professor P. Abell, Room N13b
Course Intended Primarily for M.Sc. (Sociology), for which it is the compulsory course. Part-time students taking the M.Sc. over two years may wish to note that the course can be taken in either the first or second year.

M.Phil. (Sociology) students are encouraged to attend either the whole or parts of the course; in certain cases, M.Phil. students may be required to take the course as part of their first year of study.

Core Syllabus: The aim of the course is to discuss main aspects of the research methods used in sociology. However it is not a specialist course, nor is it of a highly technical nature; it is devised to meet the general needs of M.Sc. students as a whole.

Course Content: The main problems arising in the logic of sociological research, the design of social investigations, the collection of data, and the analysis and interpretation of results.

Pre-Requisites: This is not a course on statistical techniques, but it is an advantage for students to have a prior knowledge of elementary statistics approximately to the level required for the London B.Sc. (Sociology) degree. Any students who wish to refresh their memories or who need to fill in gaps in their knowledge should attend undergraduate course SM7215, either in full or in part.

Teaching Arrangements: There are two series of seminars

So160: **Design and Analysis of Social Investigation.** 26 Sessional.

So161: **Design and Analysis of Social Investigation** (special topics) 11 Michaelmas and Lent Terms.

Each series of seminars will intersperse three methods of teaching:

(a) lecture followed by discussion

(b) workshops and practicals

(c) 'laboratory' classes in the PC classrooms.

Part of the assessment for the course is, in normal circumstances, a 'project paper' which involves the design of a research study (see section on examination arrangements, below). Approximately one-third

of the seminars will, therefore, focus on this topic. However, students may substitute one of two other options for this project paper.

Either (a) Course SM268, **Further Statistical Methods.** This course focusses on topics such as non-parametric techniques, analysis of variance and covariance, multiple regression and other selected multivariate techniques. It assumes a knowledge of introductory statistics comparable to SM7215. For further details of the course, including examination methods, see the relevant study guide.

or (b) In exceptional cases, students may submit an *extended paper on a methodological subject* (the topic to be determined in consultation with the course teachers).

Written Work: In normal circumstances (i.e. when the student undertakes the 'project paper'), he or she will write two papers as part of their course: (i) at the end of Michaelmas Term and (ii) at the beginning of Summer Term. Paper (ii) will be based on the student's project, and acts as preparation for the final project paper, which is formally examined (see section on examination arrangements, below).

If option (a) is taken instead of the project paper, paper (i) is required, plus the usual requirements of course SM268. If option (b) is taken, paper (i) is required, and paper (ii) will act as preparation for the *extended paper on a methodological subject*. Students should also expect to give up to three seminar papers, of which one will be on their project (or their option).

Reading List: No one book covers the whole syllabus. Students are advised to purchase C. M. Judd, E. R. Smith & L. H. Kidder, *Research Methods in Social Relations* (6th edn.), Holt, 1991. Readings which students may wish to consult include; M. Bulmer (Ed.), *Sociological Research Methods* (2nd edn.), Macmillan, 1984; R. G. Burgess, *In the Field*, Allen & Unwin, 1984; D. A. de Vaus, *Surveys in Social Research*, Allen & Unwin; P. Hammersley & P. Atkinson, *Ethnography: Principles in Practice*, Tavistock 1983; G. Hoineville, R. Jowell & Associates, *Survey Research Practice*, Heinemann, 1978; C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*, Heinemann, 1971.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the whole syllabus. The paper contains ten questions of which three are to be answered. Copies of previous years' papers are available.

66% of the total assessment for the course is based on the examination paper. The other 34% is awarded either on the project paper, assigned during Lent Term, or on one of the two alternatives listed above.

So6815

Sociological Theory (Seminar)

Teacher Responsible: Mr. A. W. G. Stewart, Room S876

Course Intended Primarily for M.Sc. students.

Core Syllabus: A review of current theoretical developments in Sociology.

Course Content: Recent trends in sociological thought: theories of action, structure and system; ideology, culture and communication; power and domination; conflict; integration; post-modernism; critical theory; sociology of culture and knowledge, etc.

Students are assumed to have a basic grounding in classical social theory. Selected classical themes will be pursued more intensely in the work of recent, prominent social theorists.

Teaching Arrangements: Twenty-two two-hour seminars (So171) weekly throughout the Session.

Reading List: Useful introductory books are: J. H. Turner, *The Structure of Sociological Theory*; A. Giddens, *Central Problems of Sociological Theory*; A. Giddens & J. Turner (Eds.), *Social Theory Today*; I. Craib, *Modern Social Theory*; G. Ritzer, *Frontiers of Social Theory*; Z. Baumann, *Intimations of Post-modernity*; J. Alexander (Ed.), *Culture and Society*.

Examination Arrangements: One three-hour formal examination in the Summer Term, comprising topics agreed with the students and covered in the course of the seminar series. Students must answer three from about ten questions.

So6830

Social Analysis of Industrial Societies

(Not available 1994-95)

Teacher Responsible: Dr. Elizabeth Weinberg, Room S666

Course Intended Primarily for M.Sc. Sociology, available as an outside option within some other M.Sc. courses. M.A. Area Studies (United States).

Core Syllabus: The aim of the course is to increase students' knowledge of a number of industrial societies by concentrating on the application to them of certain major sociological theories.

Course Content: Political power, labour movements and industrial relations, gender relations, education and work, stratification and social mobility in industrial societies. Problems of comparative analysis. The course will focus on Britain, France, Germany, Russia and the C.I.S., U.S.A. and Japan.

Pre-Requisites: A first degree in sociology or some experience of undergraduate courses in sociology. (Students reading for the M.A. Area Studies (United States) are subject to different rules concerning pre-requisites).

Teaching Arrangements: Course comprises 25 seminars (So162) at which papers are presented

by staff and students. During Michaelmas and part of Lent Term the seminars follow a prescribed pattern of topics. During the remainder of Lent and some weeks of Summer Term the papers are chosen by the students, reading material being discussed individually.

Reading List: The following represents a minimal list: A. Amsden (Ed.), *The Economics of Women and Work*; M. Archer, *Social Origins of Educational Systems*; D. L. Barker & S. Allen (Eds.), *Dependence and Exploitation in Work and Marriage*; A. Giddens, *Class Structure of Advanced Societies*; R. Scase (Ed.), *The State in Western Europe*; K. Thompson (Ed.), *Work, Employment and Unemployment*; D. Treiman, *Occupational Prestige in Comparative Perspective*; K. Kumar, *Prophesy and Progress*.

Examination Arrangements: There is a conventional three-hour examination in the Summer Term, in which three questions must be answered.

So6831

Sociology of Development

(Not available 1994-95)

Teacher Responsible: Dr. L. Sklair, Room A350

Seminar Intended Primarily for M.Sc. Sociology, M.Sc. Economic History (Option B).

Core Syllabus: Sociological analysis of major issues related to the economic, political and cultural transformation of 'third world' societies.

Course Content: Dependency and development in the Third World; the role of multinational corporations; globalization; gender and development; the state; nationalism; ideology, culture and political mobilization; ethnicity; populism; marginality and the urban working class; military intervention in politics; peasantry; revolutionary movements in the Third World; socialist development paths.

Pre-Requisites: Knowledge of basic sociological theory.

Teaching Arrangements: Seminars: So163 24 Michaelmas, Lent and Summer Terms. The Lecture courses So132 and So133 are also relevant.

Written Work: Students are expected to write and present at least two seminar papers (one during the Michaelmas and one during the Lent Term).

Reading List: S. Amin, *Delinking*; A. Hoogvelt, *The Third World in Global Development*; *The Sociology of Developing Societies*; I. Oxaal, Barnett & Booth (Eds.), *Beyond the Sociology of Development*; D. Harrison, *Sociology of Modernization and Development*; L. Sklair, *Sociology of the Global System*; I. Roxborough, *Theories of Underdevelopment*; N. Mouzelis, *Politics in the Semi-Periphery*; G. Kitching, *Development and Underdevelopment in Historical Perspective*; F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*.

Supplementary Reading List: Detailed reading lists on specific topics are available from Dr. Sklair.

Examination Arrangements: A three-hour examination in June. Three questions to be answered.

Sociology of Work, Management and Employment

Teacher Responsible: Professor S. R. Hill, Room A454a

Course Intended Primarily for graduate students in the departments of Industrial Relations and Sociology.

Core Syllabus: Coverage of recent sociology of employment at an advanced level, with an emphasis on economic restructuring and issues of political economy and linking with contemporary debates in Sociology and Industrial Relations.

Course Content: Economic restructuring. The labour process and the development of the managerial function. Managerial strategies and employment relations. New technology and the deskilling debate. The quality of working life and new forms of participation. Flexible specialisation. Ownership and control of corporations; managers as the service class. Bureaucracy and organisational theory. The Japanese corporation. Cooperatives and self-management. Economic democracy. Women in the labour market. Women at work. The institutionalisation of conflict. Trade union representativeness and effectiveness. Class stratification and economic change.

Pre-Requisites: Preferably a degree with a sizeable component of Sociology, but any social science is acceptable; other students will be admitted at the discretion of the teaching staff.

Teaching Arrangements: The course is taught by Professor S. R. Hill of the Sociology Department and comprises 23 seminars (So151) and 20 lectures (So140). The lectures are intended broadly to survey and introduce the relevant material on each subject while the seminars, with papers presented by students, are intended to pursue a topic or some specific aspects in more detail.

Written Work: Each student is expected to present at least one seminar paper and, depending on the number of people attending, may be asked to present two; seminar presentations are not normally read by the teachers and students can make their presentations from notes if they wish.

Reading List: There is no recommended textbook. Books of a general nature that cover substantial parts of the syllabus are: S. Hill, *Competition and Control at Work*; D. Gallie (Ed.), *Employment in Britain*; C. Lane, *Management and Labour in Europe*; S. Lash & J. Urry, *The End of Organised Capitalism*; R. Pahl (Ed.), *Work*; S. Walby (Ed.), *Gender Segregation at Work*; S. Wood (Ed.), *The Transformation of Work?* A more comprehensive bibliography will be available to students taking this course.

Examination Arrangements: A three-hour written examination in the Summer Term, students choosing three out of twelve questions.

So6850

Nationalism

Teacher Responsible: Professor A. D. Smith, Room S776

Course Intended Primarily for M.Sc. Sociology,

So6832

International Relations, Anthropology, Political Science.

Core Syllabus: An examination of the causes and role of ethnic identity and nationalist movements in the modern world, and of the relations between nations and states.

Course Content: Nationalism and international society; multinational states and separatism; theories of nations and nationalism; nations and other identities; supranationalism and globalism.

Teaching Arrangements: 20 Seminars: So169 Sessional. (Students must also attend course So133 or, when So133 is not given, additional lectures in Lent Term. Revision classes in Summer Term.

Reading List: A. Cobban, *National Self-Determination*, Oxford University Press 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Gellner, *Nations and Nationalism*, Blackwell, 1983; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; H. Seton-Watson, *Nations and States*, Methuen, 1977; A. D. Smith, *Theories of Nationalism* (2nd edn.), Duckworth, 1983; B. Anderson, *Imagined Communities*, Verso Books, 1983; J. Mayall, *Nationalism and International Society*, Cambridge University Press, 1990.

Supplementary Reading List: A more detailed reading list is available from Professor Smith and secretary and at the first two seminars.

Examination Arrangements: A three-hour examination in June with three questions to be answered.

So6852

Political Stability and Change

(Not available 1994-95)

Teacher Responsible: Mr. A. W. G. Stewart, Room S876

Course Intended Primarily for M.Sc. and other graduate students.

Core Syllabus: The aim of the seminar is to explore major problems in the analysis of political stability and change. Particular attention is paid to the discussion of alternative frameworks for the analysis of stability and change and of the differential contribution of social structural, cultural and organisational factors.

Course Content: Role attributed to politics and the state within macro-theories of social development; differential political implications of capitalism and modernisation; processes of state formation; material and cultural factors as determinants of stability and change; social movements as sources of stability and change; concepts of 'pre-political' movements; structure, culture and organization in the analysis of societal breakdown and revolution; case studies of the development of social democratic, fascist and communist regimes.

Pre-Requisites: A working knowledge of basic sociological theory (i.e. of analysis in terms of norms, roles, structures, institutions, etc.) and an ability to integrate theoretical and empirical materials.

Teaching Arrangements: Seminars: So168 Sessional. The course is normally given every other year, alternating with So6853, **Theories of Political Sociology**. Papers are presented by one or more members of the seminar upon relevant topics agreed

and assigned at the first meeting of the seminar. Students choosing the course are strongly recommended to attend the lecture course 'Political Processes and Social Change' (So131) which deals with many of the same problems with which the seminar is concerned.

Written Work: Members of the seminar will be required to present two papers during the course of the session.

Reading List: C. Tilly, *As Sociology meets History*; A. Stinchcombe, *Theoretical Methods in Social History*; P. Blau (Ed.), *Approaches to the Study of Social Structure*; B. Moore, *Social Origins of Dictatorship and Democracy*; P. Anderson, *Lineages of the Absolutist State*; C. Tilly, *The Formation of Nation States in Western Europe*; N. Poulantzas, *Fascism; and Dictatorship*; S. Woolf (Ed.), *The Nature of Fascism*; T. Skocpol, *States and Social Revolutions*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The paper will consist of approximately twelve questions of which candidates must answer three.

So6853

Theories of Political Sociology

Teacher Responsible: Mr. A. W. G. Stewart, Room S876

Course Intended Primarily for M.Sc. and other graduate students.

Core Syllabus: The course is concerned to identify and explore key sociological issues in the social distribution of power, with particular reference to advanced industrial societies.

Course Content: Key concepts and major theories of political sociology; Marxism, elite-institutional analysis, pluralism, feminism, citizenship analysis, major forms of power in modern societies, their social bases and inter-relationships; class, state and gender; political organization as resource and constraint; authority, power and legitimation; problems and possibilities of political representation, corporatism and parliamentarianism; the comparative political sociology of capitalist and state socialist societies; citizenship analysis.

Teaching Arrangements: Seminars: So167 Sessional. The course is normally given every other year, alternating with So6852, **Political Stability and Change**. Papers are presented by students and, on occasion, by guest speakers. Students may find it helpful to attend the lecture course So130, **Political Sociology**, which considers a number of issues discussed in the seminar.

Written Work: Members of the seminar will be required to present two papers during the course of the session.

Reading List: Isaac Balbus, *Marxism and Domination*; R. Michels, *Political Parties*; R. T. McKenzie, *British Political Parties*; R. Dahl, *Who Governs? Polyarchy*; R. Bell, D. Edwards & H. Wagner, *Political Power*; Alan Wolfe, *The Limits of Legitimacy*; S. Bornstein (Ed.), *The State in Capitalist Europe*; David Held et. al. (Eds.), *States*

and Societies; S. Lukes, *Power*; Sheila Rowbotham, *Woman's Consciousness, Man's World*; A. Gramsci, *Prison Notebooks*; N. Abercrombie, S. Hill & B. Turner, *The Dominant Ideology Thesis*; David Held, *Introduction to Critical Theory*; Horkheimer to Habermas; J. Habermas, *Toward a Rational Society, Legitimation Crisis*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. Candidates will be required to answer three questions.

So6880

Sociology of Religion (Undergraduate and Postgraduate)

See So5921

So6881

Sociology of Deviant Behaviour

Teachers Responsible: Professor P. E. Rock, Room A454b and Professor D. Downes, Room A246

Course Intended Primarily for M.Sc. Sociology, M.Sc. Social Psychology, M.Sc. Social Planning, M.Sc. Criminal Justice Policy, M.Sc. Criminology.

Core Syllabus: The analysis of deviance, crime and social control.

Course Content: The course falls into three parts: a systematic introduction to concepts and problems in the sociology of deviance; a chronological review of major theories of deviance and control; and a description of empirical examples of deviance.

Teaching Arrangements: Seminars: So165 10 Michaelmas, 10 Lent and 3 Summer Term. There is a course of undergraduate lectures (So144) offered in the Lent Term to which M.Sc. students are invited.

Reading List: D. Downes & P. Rock, *Understanding Deviance*, 1988; M. McIntosh, *The Organization of Crime*, 1975; A. K. Bottomley, *Criminology in Focus*, 1979; T. P. Morris, *Deviance and Control*; *The Secular Heresy*, 1976; I. Taylor, P. Walton, & J. Young, *The New Criminology*, 1973; P. Rock & M. McIntosh (Eds.), *Deviance and Social Control*, 1974; J. Lea & J. Young, *What is to be done about Law and Order?*

Supplementary Reading List: A more detailed list is available from Professor Rock or secretary.

Examination Arrangements: Three-hour examination in June.

So6882

Medical Sociology

The Sociology Department does not offer teaching for this course.

Students are recommended to take either course SA6667 or course SA6640.

The Sociology of Women

(Not available 1994-95)

Teacher Responsible: To be appointed**Course Intended Primarily for** M.Sc. Sociology.**Core Syllabus:** Analysis of the nature and causes of the position of women in society.**Course Content:** Recent developments in the sociology of gender relations. Theoretical debates and contemporary issues. The increase in women's employment; the rigidity of occupational segregation; post-modernist debates in culture; the development of new reproductive technologies; women's representation within the state; varieties of feminism; sexuality; the increase in non-married parenthood and divorce; male violence; gender and crime; racism and ethnicity; gender and religion; the 'new' international division of labour; gender and class stratification; research methodology; essentialism and postmodernism; the concept of patriarchy.**Teaching Arrangements:** 23 Seminars (So172) on a weekly basis. Students are also recommended to attend the lectures for Course So5918 **Women in Society**. Students will write and present seminar papers.**Reading List:** S. Harding, *The Science Question in Feminism*, Cornell University Press, 1986; S. Walby, *Theorizing Patriarchy*, Blackwell, 1990; C. Weedon, *Feminist Practice and Poststructuralist Theory*, Blackwell, 1987; M. Stanworth (Ed.), *Reproductive Technologies*, Polity, 1986; C. Mackinnon, *Towards a Feminist Theory of the State*, Harvard University Press, 1989; A. Jaggar, *Feminist Politics and Human Nature*, Rowan and Allanheld, 1983; R. Crompton & M. Mann (Eds.), *Gender and Stratification*, Polity, 1986; B. Hooks, *Feminist Theory, From Margin to Center*, South End, 1984.

A more detailed reading list will be provided.

Examination Arrangements: A three hour unseen examination. Three questions to be answered.

So6883

So6885

Professions, Society and Policy: Lawyers, Engineers and Accountants

(Not available 1994-95)

Teacher Responsible: Mr M. Burrage, Room A375**Seminar Intended Primarily for** M.Sc. Sociology, and all other graduate students, their regulations permitting.**Core Syllabus:** Sociological and historical theories or interpretations of the professions relating in particular, but not exclusively to Britain, France and the United States; analysis of policy-oriented issues.**Course Content:** The aspects considered cover three main areas:

1. Analytical and theoretical; sociological and historical theories or interpretations of the professions are outlined and critically examined;
2. Descriptive and analytical; the available historical and sociological evidence about lawyers, engineers and accountants, in selected industrial societies will be outlined and utilized to provide further critical

commentary on the theories of the professions already introduced. The core countries will be Britain, France and the United States. However, additional, selected comparative references will, wherever possible, be made to Germany, Japan and Russia;

3. Polemical and policy-oriented; selected issues which, directly or indirectly, involve one or other of these three professions, are analyzed and debated.

Pre-Requisites: None**Teaching Arrangements:** Seminars So174 20 Michaelmas and Lent, each two hours in length.**Written Work:** Students are expected to write and present at least two seminar papers, one for each term.**Reading List:** Robert Dingwall & Philip Lewis (Eds.), *The Sociology of the Professions*, Macmillan, 1983; Michael Zander, *The Thatcher Government's Onslaught on the Lawyers. Who Won?* International Lawyer, Vol. 24, No. 3, 1990; Michael Burrage, *Advokatura: In search of professionalism and pluralism in Moscow and Leningrad*, Law and Social Inquiry, Vol. 15, No. 3, Summer 1990; Stephen Crawford, *Technical Workers in an Advanced Society: the word careers and politics of French Engineers*, Cambridge, 1989; Allan Silver, *Is there one politics of the new middle class? Engineers in England, France and the United States*, paper to European Consortium for Political Research, Paris 1989; P. Armstrong, *The Rise of Accounting Controls in British Capitalist Enterprises*, Accounting, organizations and Society, 1987; M. Power, *The Audit Explosion*, Demos 1994.**Supplementary Reading List:** A more detailed reading list is available from Mr. Burrage, or his Secretary.**Examination Arrangements:** A three-hour examination in June. Three questions to be answered.

So6899

Methods of Criminological Inquiry**Teachers Responsible:** Mr. Derek Cornish, Room A262 and Professor Paul Rock, Room A454b**Course Intended Primarily for** M.Sc. Criminology. This course is also open to students taking the M.Sc. in Criminal Justice Policy and other M.Sc. programmes.**Core Syllabus:** The aim of the course is to discuss main aspects of the research methods used in criminological inquiry at a general level.**Course Content:** Qualitative and quantitative aspects of criminological methodology, including interviewing techniques, problems of gaining access to subjects, ethnographic methods, methods of legal and psychological research, crime surveys, longitudinal analysis, crime trend analyses and evaluation techniques.**Teaching Arrangements:** So170: Ten fortnightly seminars on qualitative methods in the Michaelmas and Lent Terms and five fortnightly seminars on quantitative methods in the Lent Term.**Reading List:** A. Ashworth, *Criminal Law*; H. Becker, *Sociological Methods*; D. Douglas (Ed.), *Research on Deviance*; M. Hammersley & P. Atkinson, *Ethnography: Principles in Practice*; M. Miles & A. Huberman, *Qualitative Data Analysis*;A. Oppenheim, *Questionnaire Design and Attitude Measurement*; R. Black, *Evaluating Social Science Research*; K. Bordens & B. Abbott, *Research Design and Methods*; C. Hakim, *Research Design*;P. Rossi & H. Freeman, *Evaluation: A Systematic Approach*.**Examination Arrangements:** A ten thousand word essay on an approved topic.

M.Sc. Statistics**Duration of Course of Study***Full-time:* One academic year. *Part-time:* At least two academic years.**Examination**

Students are required to be examined on courses to a total of four whole units. All courses detailed below are half-units unless specified to the contrary. The examination for each half-unit will normally be by means of a two-hour unseen written examination paper. For each whole unit the examination will normally be by means of a three-hour unseen written examination. In addition course work may also be assessed.

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
I.		
1.	Statistical Sources, Packages and Data Analysis	ST8254
2.	Regression Diagnostics and Robustness	ST8262
3.	Sampling Theory and Multivariate Methods	ST8255
4.	Basic Time Series and Stochastic Processes	ST8263
II.	Courses totalling four half-units from II.1 to II.12	
1.	Multivariate Analysis and Linear Models	ST8257
2.	Further Time Series and Stochastic Processes	ST8264
3.	Survey and Market Research Methods	ST8261
4.	Statistical Aspects of Educational and Manpower Planning	ST8214
5.	Quantitative Techniques	Ec2552
6.	Advanced Econometric Theory	Ec2553
7.	Mathematical Programming I	OR8354
8.	Computer Modelling for Operational Research	IS8349
9.	Demographic Techniques and Analysis (whole unit)	Pn8110
10.	Mathematics (by special arrangement only) (whole unit)	
11.	A project on some topic approved by the student's teachers (by special arrangement only) (whole unit)	
12&13.	Any other subject(s) approved by the student's teachers	

Not all the courses listed in Part II will necessarily be available every year.

Part-time students usually take the examination in two parts. The first part will consist of four half-units at least two of which are from I.1 to I.4, and will be taken after the completion of the courses for those papers. The second part will consist of the remaining requirements of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and if on that occasion the examination is failed to make one further attempt at the whole examination.

Dates of Examination

Written papers	June
Report	1 June

Lectures and Seminars

<i>Lecture/Seminar Number</i>			<i>Course Guide Number</i>
ST210	Applied Regression and Analysis of Variance Dr. M. Knott	20/ML	ST7230; ST7248; ST8258
ST211	Time Series and Forecasting for Management Mr. D. Balmer	10/M	ST7230; ST8258
ST213	Survey Methods Dr. B. N. J. Blight	10/L	ST7230; ST8258
ST215	Sample Survey Theory and Methods (Not available 1994-95)	20/ML	ST7245; ST8260
ST216	Multivariate Methods Ms. I. Moustaki	15/ML	ST7246; ST8260
ST233	Introduction to Statistical Simulation Techniques Mr. D. W. Balmer	8/L	ST8254; ST8260
ST234	Statistical Sources Dr. C. Phillips	10/MS	ST8254; ST8260
ST237	Packages and Data Analysis Miss S. Brown	25/ML	ST8254
ST238	Fundamentals of Decision Theory Dr. J. V. Howard	10/M	ST7264; ST7216; ST8204
OR239	Behavioural Decision Theory Dr. L. D. Phillips	10/M	ST7216; ST8204
ST240	Bayesian Statistical Methods Dr. B. Blight	10/L	ST7216; ST7264; ST8204
OR241	Decision Analysis in Practice Dr. L. D. Phillips	10/L	ST7216; ST8204
ST250	Regression Diagnostics Professor A. C. Atkinson and Dr. M.-P. Victoria-Feser	20/M	ST8262
ST251	Stochastic Processes Dr. A. Dassios and Mr. D. W. Balmer	10/M	ST8263

Lecture/ Seminar Number			Course Guide Number
ST253	Further Stochastic Processes Dr. A. Dassios and Mr. D. W. Balmer	10/L	ST8264
ST254	Multivariate Analysis Dr. M. Knott	20/ML	ST8257
ST255	Robust Methods of Estimation Dr. M.-P. Victoria-Feser	10/L	ST8262
ST256	Analysis of Categorized Data To be announced	10/M	ST8257
ST257	Basic Time Series Analysis Professor A. C. Harvey	10/M	ST8263
ST258	Further Time Series Professor P. Robinson	10/L	ST8264
ST259	Applied Multivariate Analysis Professor D. J. Bartholomew	10/L	Ps6498; ST8255
ST260	Statistical Aspects of Educational and Manpower Planning (Not available 1994-95)	30/ML	ST8214
ST262	Further Sample Survey Theory and Methods Mrs. J. Galbraith	20/ML	ST8255
ST263	Experiments in Social Research Mr. C. O'Muircheartaigh and Dr. M.-P. Victoria-Feser	10/L	ST8261
ST264	Survey Design, Execution and Analysis Mr. C. O'Muircheartaigh	20/ML	ST8261
ST268	Further Statistical Methods Mrs. J. Galbraith	20/ML	Ps6497; Ps6498
ST269	Applied Statistics Dr. J. V. Howard	15/ML	ST8360
ST272	Advanced Lectures on Special Topics in Statistics Professor A. C. Atkinson	25/MLS	ST8254

Lecture/ Seminar Number			Course Guide Number
ST273	Quantitative Analysis in Social Research (Not available 1994-95) Mr. C. O'Muircheartaigh and Professor D. Bartholomew	15	ST273
ST274	Workshop in Applied Statistics Miss S. Brown	30/MLS	ST274
ST275	Seminar in Survey Methodology Mr. C. O'Muircheartaigh	10/L	ST275
ST320	Applied Management Science Dr. C. Phillips		OR7360

Course Guides

ST8204 Decision Analysis in Theory and Practice (Full unit course)

Teacher Responsible: Dr. J. V. Howard, Room S209
Course Intended Primarily for: M.Sc. Decision Sciences

Core Syllabus: This full unit course covers the fundamentals of the theory of decision analysis, its use of Bayesian statistics, behavioural decision theory, and the application of decision analysis in practice. The course is intended to be genuinely inter-disciplinary between Operational Research and Statistics.

Course Content: Topics covered are the foundations of decision theory; descriptive models of human decision making; Bayesian statistical methods with applications; the use of decision analysis in practice. The four lecture courses are:

ST238 **Fundamentals of Decision Theory** This covers the normative theory of subjective probability and expected utility.

OR239 **Behavioural Decision Theory** An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories. ST240 **Bayesian Statistical Methods** General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

OR241 **Decision Analysis in Practice** Presents applications of Decision Theory in both public and private sectors, illustrating how Decision Theory is modified and supplemented to provide a workable technology.

Pre-Requisites: Mathematics, Statistics and Probability Theory to the level of the course Quantitative Methods (MA7203).

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class. The

courses are as follows:

ST238 10 Michaelmas Term ST238(a) 5 Michaelmas Term

OR239 10 Michaelmas Term OR239(a) 5 Michaelmas Term

ST240 10 Lent Term ST240(a) 5 Lent Term

OR241 10 Lent Term OR241(a) 5 Lent Term

Reading List: H. Raiffa, *Decision Analysis. Introductory Lectures on Choices Under Uncertainty*; S. R. Watson & D. M. Buede, *Decision Synthesis*; P. M. Lee, *Bayesian Statistics: An Introduction*; P. R. Goodwin & G. Wright, *Decision Analysis for Management Judgment*; and D. von Winterfeldt & W. Edwards, *Decision Analysis and Behavioural Research*.

Students may also wish to consult: J. T. Buchanan, *Discrete and Dynamic Decision Analysis*; D. V. Lindley, *Making Decisions (2nd Edition)*; S. French, *Decision Theory: An Introduction to the Mathematics of Rationality*; S. J. Press, *Bayesian Statistics: Principles, Models, and Applications*.

Examination Arrangements: The course is examined by an essay or project assignment during the year (20%) and by one three-hour formal examination (80%) in the Summer Term. The paper will probably contain two questions on each of the four main topics, and five of these questions must be attempted, including at least one on ST238. It is important to attempt five questions: only the best five marks will be counted, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer all parts of a question to obtain a reasonable mark on it.

ST8205 Topics in Decision Analysis (Half unit course)

Teacher Responsible: Dr. J. V. Howard, Room S209

Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: This half-unit course covers the fundamentals of the theory of decision analysis, and then students may choose to study either Bayesian statistics, or behavioural decision theory, or the application of decision analysis in practice. The course is intended to be genuinely inter-disciplinary between Operational Research and Statistics.

Course Content: The foundations of decision theory; descriptive models of human decision making; Bayesian statistical methods with applications; the use of decision analysis in practice. (Students must cover the first topic and one of the other three.) The courses are as follows:

ST238 Fundamentals of Decision Theory This covers the normative theory of subjective probability and expected utility.

OR239 Behavioural Decision Theory An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

ST240 Bayesian Statistical Methods General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

OR241 Decision Analysis in Practice Presents applications of Decision Theory in both public and private sectors, illustrating how Decision Theory is modified and supplemented to provide a workable technology.

Pre-Requisites: Mathematics, Statistics and Probability Theory to the level of the course **Quantitative Methods** (MA7203).

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class. Each student must cover the material in the first lecture course and one of the other three. The courses are as follows:

ST238 10 Michaelmas Term ST238(a) 5 Michaelmas Term

OR239 10 Michaelmas Term OR239(a) 5 Michaelmas Term

ST240 10 Lent Term ST240(a) 5 Lent Term

OR241 10 Lent Term OR241(a) 5 Lent Term

Reading List: Recommended books are: H. Raiffa, *Decision Analysis. Introductory Lectures on Choices Under Uncertainty*; S. R. Watson & D. M. Buede, *Decision Synthesis*; P. M. Lee, *Bayesian Statistics: An Introduction*; P. R. Goodwin & G. Wright, *Decision Analysis for Management Judgment*; D. von Winterfeldt & W. Edwards, *Decision Analysis and Behavioral Research*.

Students may also wish to consult: J. T. Buchanan, *Discrete and Dynamic Decision Analysis*; D. V. Lindley, *Making Decisions (2nd Edition)*; S. French, *Decision Theory: An Introduction to the Mathematics of Rationality*; S. J. Press, *Bayesian Statistics: Principles, Models, and Applications*.

Examination Arrangements: The course is examined by an essay or project assignment during the year (20%) and by one two-hour formal examination (80%) in the Summer Term. The paper will probably contain two questions on each of the four main topics, and three of these questions must be attempted, including at least one on ST238. It is important to attempt three questions: only the best three marks will be counted, and one third of the marks is available for each of these three attempts. On the other

hand, it is not necessary to answer all parts of a question to obtain a reasonable mark on it.

ST8214

Statistical Aspects of Educational and Manpower Planning

(Not available 1994-95)

Teacher Responsible: Dr. C. M. Phillips, Room S266

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics).

Core Syllabus: The course introduces and illustrates statistical methods used in education and manpower planning.

Course Content:

ST260: The statistical analysis of labour turnover, Markov chains and renewal theory, models for manpower forecasting and control, career prospects, demand forecasting.

Criteria for establishing priorities in planning in advanced and developing countries. Methods for forecasting the demand for education and the demand and supply of teachers. Methods of forecasting manpower requirements computable models for the educational system.

Pre-Requisites: A basic knowledge of statistics.

Teaching Arrangements: ST260: 30 hours in the Michaelmas, Lent and Summer Terms. Written papers are produced for class work.

Reading List: ST260: The manpower part of the course is based on D. J. Bartholomew, S. I. McClean & A. F. Forbes, *Statistical Techniques for Manpower Planning*. Useful background material may be found in: A. R. Smith, *Models of Manpower Systems*; S. Vajda, *Mathematics of Manpower Planning*; R. C. Grinold & K. T. Marshall, *Manpower Planning Models*; M. Bennisson & J. Casson, *The Manpower Planning Handbook*.

A good background to the course is T. Thonstad, *Education and Manpower: Theoretical Models and Empirical Applications*. Other reading is given and discussed in the course.

Examination Arrangements: There will be one two hour examination in the Summer Term. Three and only three questions must be answered. 60% of the total assessment of the course is based on the examination paper, the other 40% is awarded for projects and classwork.

ST8254

Statistical Sources, Packages and Data Analysis

Teacher Responsible: Miss S. Brown, Room S211

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics) (half-unit).

Core Syllabus: The course gives an introduction to the more important sources of statistical data and to several of the popular statistical computing packages. It aims to provide graduate students with the technical skills they will need in doctoral research or future employment.

Course Content: ST233 Monte Carlo Methods, Random Number Generators, Variance Reduction Techniques, Computer Systems for Monte Carlo Simulation.

ST234: The sources and methodology used in major UK sample survey and census are discussed and their use as a starting point for research analysed. Students are encouraged to progress from this base to further study of other sources both in the UK and abroad with a view to researching particular social or economic problems.

ST237: Analysis of data using standard statistical packages such as SPSSPC. Students will work on a series of mini-projects presenting their results to the group.

Pre-Requisites: Statistics to the level of **Statistical Techniques for Management Sciences**, ST7203 or **Statistical Theory**, ST7241.

Teaching Arrangements: There are three components of the course as below:

ST234 **Statistical Sources** 5 Michaelmas and 5 Summer Terms. (Dr. C. Phillips)

ST233 **Introduction to Statistical Simulation Techniques** 8 hours Michaelmas Term (Mr. D. W. Balmer)

ST237 **Packages and Data Analysis** 25 hours Michaelmas and Lent Terms (Miss S. A. Brown)

Reading List: Appropriate material will be made available during the course. A general source referred to throughout will be the current issue of *Social Trends*, HMSO. ST237: Students will refer to the computer manuals of the packages being discussed.

Examination Arrangements: There will be no formal examination. The course will be assessed on the basis of mini-projects undertaken during the course. ST233 will account for 10%, ST234 for 30% and ST237 for 60%.

ST8255

Sampling Theory and Multivariate Methods

Teacher Responsible: Mrs. J. Galbraith, Room S212

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half-unit).

Course Content: The course deals with the theory and application of sample design and with some of the multivariate techniques used in the Social Sciences. ST262: The history of survey sampling. Techniques of sample design including stratification, clustering, pps selection, multi-phase sampling. Methods of estimation, including ratio and regression estimation. Methods of variance estimation.

ST259: A review of techniques used in the Social Sciences such as principal components analysis, factor analysis, latent variable modelling, cluster analysis, multi-dimensional scaling and correspondence analysis.

Pre-Requisites: A basic knowledge of probability, statistical theory and survey methods up to first degree level.

Teaching Arrangements: ST262: 20 Michaelmas and Lent Terms. ST259: 10 Lent Term lectures and 5 computer sessions.

Reading List: ST262: W. G. Cochran, *Sampling Techniques* (3rd edn., 1977); L. Kish, *Survey Sampling*.

ST259: The course does not closely follow any book but all the following cover most of the material. Students are advised to purchase at least one from the list having regard to their background and interests. Advice will be given by the lecturer.

B. S. Everitt & G. Dunn, *Applied Multivariate Data Analysis*; C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, 2 Vols., but especially Vol. 1; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*; C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; D. J. Bartholomew, *Mathematical Methods in Social Science*.

Examination Arrangements: There is one two-hour written examination in the Summer Term. The paper will normally contain three questions on ST262, and two on ST259. Three questions, and only three questions must be attempted.

ST8257

Multivariate Analysis and Linear Models

Teacher Responsible: Dr. M. Knott, Room S216

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half unit).

Core Syllabus: An introduction to the theory and application of modern multivariate methods to continuous and categorical data.

Course Content:

ST254: Multivariate normal distribution, multiple regression analysis, principal component analysis, canonical analysis, discriminant analysis, factor analysis, latent variable models for binary data.

ST256: Binary and multinomial logit models, ordered response models, nested logit models, log-linear models and multivariate probit models. Model estimation and inference.

Pre-Requisites: Mathematics to the level of **Further Mathematical Methods**, MA113 and a sound undergraduate level of regression theory and distribution theory.

Teaching Arrangements: ST254: A one-hour lecture each week in the Michaelmas Term.

ST256: 10 one-hour lectures in the Michaelmas Term.

Reading List:

ST254: M. G. Kendall, *Multivariate Analysis*; C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; D. F. Morrison, *Multivariate Statistical Analysis*; K. V. Mardia & Others, *Multivariate Analysis*.

ST256: T. Amemiya, *Advanced Econometrics*, Blackwell, 1985; G. S. Maddala, *Limited Dependent and qualitative variables in Econometrics*, C.U.P., 1983; A. Agresti, *Categorical Data Analysis*, Wiley, New York, 1990; M. Ben-Akiva & S. R. Lerman, *Discrete choice analysis*, MIT Press, 1985.

Examination Arrangements: There is one two-hour examination in the Summer Term. There are three questions on ST254 and two questions on ST256. Three and only three questions must be answered, with at least one answer on ST254 and one on ST256.

Statistical Techniques

Teacher Responsible: Dr. M. Knott, Room S216
Course Intended Primarily for M.Sc. (Sociology and Statistics) and Diploma in Statistics.

Course Content: This course is substantially the same as for ST7230 (**Statistical Techniques for Management Sciences**), except that a higher standard will be expected for the course-work and project.

ST8258

ST8260

Social Statistics and Survey Methodology

Teacher Responsible: Dr. C. Phillips, Room S266
Course Intended Primarily for Diploma in Statistics.

Core Syllabus: The aim of the course is to introduce students to all aspects of the design and execution of social investigations, to problems of measurement and forecasting and to the use of multivariate methods in the analysis of social data.

Course Content:

ST215: **Sample Survey Theory and Methods.**(*Not available 1994-95*) Sampling theory and practice. Design and execution of surveys.

ST216: **Multivariate Methods**

A survey of principal component analysis cluster analysis factor and latent structure analysis and multi-dimensional scaling. Illustrative examples and use of computer packages.

ST233: **Introduction to Statistical Simulation Techniques.** Monte Carlo Methods, Random Number Generators, Variance Reduction Techniques, Computer Systems for Monte Carlo Simulation.

ST234: **Statistical Sources**

The sources and methodology used in major UK sample survey and census are discussed and their use as a starting point for research analysed. Students are encouraged to progress from this base to further study of other sources both in the UK and abroad with a view to researching particular social or economic problems. Course work for ST234 counts as 40% of marks.

Pre-Requisites: Elementary Statistical Theory.

Teaching Arrangements:

ST215 (*Not available 1994-95*).

ST216 Given by Ms. I. Moustaki, Room X24. Fifteen Michaelmas and Lent Terms. Usually includes five classes from which each student prepares one class paper.

ST233 Given by Mr. D. W. Balmer, Room S208. 8 Lent Term

ST234 Given by Dr. C. Phillips, Room S266. Ten hours Michaelmas and Summer Terms.

Reading List:

ST214 Students are advised to purchase:

C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Other books which may be consulted include: C. Selltitz *et. al.*, *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*.

ST215 Students should purchase or consult:

W. G. Cochran, *Sampling Techniques*.

Other recommended reading:

L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz & W. G. Madow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Surveys*.

Other books which can be usefully consulted are:

C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; W. J. Krzanowski, *Principles of Multivariate Analysis*.

ST234 Reading will be provided by the lecturer. A general source referred to throughout will be the current issue of *Social Trends* (HMSO).

Examination Arrangements: There is a three-hour formal examination in the Summer Term based upon the syllabuses for ST214, ST215, ST216 and ST234. Four questions must be answered from a total of ten or eleven. Copies of past examination papers are available.

ST8261

Surveys and Market Research Methods

Teacher Responsible: Mr. C. O'Muircheartaigh, Room S214

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics) and M.Sc. (Operational Research) (half-unit).

Course Content: The course deals with practicalities of the design and execution of sample surveys and social investigations.

ST264 Problems of measurement and scaling, attitude measurement, questionnaire design, strategies and methods of data collection, response errors, structure of interviewer effect, problems of and procedures for compensation for non-response.

ST263 The nature and limitation of some common experimental and quasi-experimental designs, retrospective and longitudinal studies used by researchers.

Pre-Requisites: A basic knowledge of statistics and probability up to first degree level.

Teaching Arrangements: ST264 20 one-hour lectures in the Michaelmas and Lent Terms.

ST263 10 hours teaching in the Lent Term. In the last three hours students present papers to the group.

Reading List:

ST264 (pre-requisite): C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*;

ST263 students are advised to purchase: D. T. Campbell & J. C. Stanley, *Experimental and Quasi-experimental Designs for Research* (paperback); P. Spector, *Research Designs* (Sage University Paper Series No. 23).

Supplementary Reading List: C. A. Moser & G. Kalton, *Survey Methods in Social Investigations*; J. A. Caporaso & L. L. Roos, *Quasi-experimental Approaches*; C. J. Webb, *Unobtrusive Measure: Nonreactive Research in the Social Sciences*.

Examination Arrangements: There is two-hour written examination in the Summer Term. Three questions are set on ST264 and two questions on ST263. Four questions and only four must be answered, including at least one from ST264 and one from ST263.

ST8262

Regression Diagnostics and Robustness

Teachers Responsible: Professor A. C. Atkinson, Room S210 and Dr. Maria-Pia Victoria-Feser, Room S207

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics).

Core Syllabus: An introduction to diagnostics for regression models and to robust estimation.

Course Content:

ST250: Diagnostic quantities, presentation of results, diagnostic plots for explanatory variables, transformations, constructed variables, procedures for generalized linear models.

ST255: M-estimators of location and scale, influence functions, robust methods for regression models.

Pre-Requisites: Mathematics to the level of **Mathematical Methods MA7000**, and of probability to the level of **Probability, Distribution Theory and Inference ST7220**.

Teaching Arrangements:

ST250: Two hours of teaching each week of the Michaelmas Term (**Professor A. C. Atkinson**).

ST255: One hour of teaching each week of the Lent Term (**Dr. M.-P. Victoria-Feser**).

Reading List:

ST250: A. C. Atkinson, *Plots, Transformations and Regression* (Oxford).

ST255: F. R. Hampel *et. al.*, *Robust Statistics*; D. C. Hoaglin *et. al.*, *Understanding Robust and Exploratory Data Analysis*; P. J. Huber, *Robust Statistics*; P. J. Rousseeuw & A. M. Leroy, *Robust Regression and Outlier Detection*.

Examination Arrangements: There is a two-hour written examination in the Summer Term. There are four questions on ST250 and two questions on ST255. Three and only three must be answered on ST250 and on ST255.

ST8263

Basic Time Series and Stochastic Processes

Teacher Responsible: Professor A. C. Harvey, Room S203

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics), M.Sc. (Operational Research) (half unit).

Core Syllabus: A broad introduction to time series and stochastic processes for the postgraduate specialists.

Course Content: ST257: Stationary time series, autoregressive and moving average models, structural time series models, state space models and the Kalman filter, fitting and testing of time series models, forecasting.

ST251: Poisson process, Renewal processes, Markov chains.

Pre-Requisites: Mathematics to the level of **Further Mathematical Methods, MA113**, and a good undergraduate knowledge of distribution theory and regression.

Teaching Arrangements: ST257: One two-hour lecture each week in the Michaelmas Term (**Professor A. C. Harvey**).

ST251: One hour teaching each week in the Michaelmas Term (**Mr. D. W. Balmer and Dr. A. Dassios**).

Reading List: ST257: A. C. Harvey, *Time Series Models*; G. E. P. Box & G. M. Jenkins, *Time Series Analysis, Forecasting and Control*; W. A. Fuller, *Introduction to Statistical Time Series*; C. W. J. Granger & P. Newbold, *Forecasting Economic Time Series*; A. C. Harvey, *Forecasting, Structural Time Series Models and the Kalman Filter*.

ST251: S. M. Ross, *Stochastic Processes*; S. Karlin & H. M. Taylor, *A First Course in Stochastic Processes*; H. M. Taylor & S. Karlin, *Introduction to Stochastic Modeling*; S. M. Ross, *Introduction to Probability Models*.

Examination Arrangements: There is a two-hour written examination in the Summer Term. There are four questions on ST257 and two questions on ST251. Three, and only three questions must be answered, and at least one question must be answered on ST257 and ST251.

ST8264

Further Time Series and Stochastic Processes

Teacher Responsible: Professor P. M. Robinson, Room S577

Course Intended Primarily for M.Sc. (Statistics) (half unit); M.Sc. (Econometrics and Mathematical Economics) (half unit).

Core Syllabus: Time series analysis in the frequency domain; long-memory, state space and nonlinear time series models.

Course Content:

ST258: Time series in the frequency domain, the periodogram and spectral analysis, multivariate extensions, statistical inference on parametric models in the frequency domain, long-memory time series, the Kalman filter, continuous time models, nonlinear time series.

ST253: Random Walks and Martingales, Wiener Processes, Stochastic differential equations and diffusion processes.

Pre-Requisites: Mathematics to the level of **Further Mathematical Methods, MA113**, and a good undergraduate level of regression theory and distribution theory. Basic Time Series and Stochastic Processes.

Teaching Arrangements: ST258: One two-hour lecture each week during the Lent Term (**Professor P. Robinson**).

ST253: 10 one-hour lectures in the Lent Term (**Dr. A. Dassios and Mr. D. Balmer**).

Reading List:

ST258: No single book covers the entire course, and students are not required to purchase any books. Background reading includes (in alphabetical order): P. Bloomfield, *Fourier Analysis of Time Series*; P. A. Bruckwell & R. A. Davies, *Time Series: Theory and Methods*; W. A. Fuller, *Introduction to Statistical Time Series*; A. C. Harvey, *Forecasting Structural Time Series and the Kalman Filter*; H. Tong, *Non-Linear Time Series: A Dynamical System Approach*.

ST253: A. Friedman, *Stochastic Differential*

Equations and Applications, Vol. I; R. S. Liptser & A. N. Shiriyayev, *Statistics of Random Processes*, I.; B. Øksendal, *Stochastic Differential Equations*.

Examination Arrangements: There will be a two-hour written examination paper in the Summer Term. There will be four questions on ST258 and two questions on Ec253. Three and only three questions must be answered, including at least one question on ST258 and one on ST253.

ST8360**Applied Statistics (Half unit course)**

Teacher Responsible: Dr. J. Howard, Room S209
Course Intended Primarily for M.Sc. Operational Research.

Core Syllabus: The course is intended as a second course in statistics, emphasising the practical context and applications within operational research. A distinctive feature of this course is its integration of theoretical development and practical data analysis. There will be extensive practical work using a com-

puter package. The presentation of theoretical material is designed to provide the necessary framework for rigorous statistical investigations.

The main topics covered are: exploratory data analysis and graphical presentation; association of variables; problems of model selection; design of experiments; analysis of variance; multiple regression; time series.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Mathematical Methods**. Students with a more extensive knowledge of statistics should not take this course.

Teaching Arrangements: Weekly two hour sessions for 15 weeks, Michaelmas and Lent Terms. (ST269).

Reading List: M. Chapman & B. Mahon, *Plain Figures*; J. D. Cryer, *Time Series Analysis*; D. C. Hoaglin, R. J. Light, B. McPeck & F. Mosteller, *Data for Decisions*; J. A. Rice, *Mathematical Statistics and Data Analysis*; E. Tufté, *The Visual Display of Quantitative Information*; J. W. Tukey, *Exploratory Data Analysis*; T. J. Wonnacott & R. J. Wonnacott, *Regression: a second course in Statistics*.

Examination Arrangements: This course is examined entirely by course work and/or project work.

Interdepartmental Degrees

Lecture/Seminar lists and Course Guides for these degrees will mainly be found in the Information on Master's degrees in the departments responsible for the courses concerned, as indicated by the prefix to the Course Guide number.

M.A. Area Studies

The School co-operates in the teaching for certain branches of the M.A. Area Studies degree offered by the University of London.

Duration of Course of Study

Full-time One academic year for candidates offering four written papers. Once calendar year for candidates offering three written papers and a dissertation.

Part-time: Two academic years for candidates offering four written papers. Two calendar years for candidates offering three written papers and a dissertation.

Examination

For all programmes (1) either two papers or one paper and a dissertation of 10,000 words on a major subject and (2) either two papers on a minor subject or one paper in each of two minor subjects. For the Africa and Far East programmes the examination will also include an assessment of course work.

Candidates registered for the part-time course will be required to pass in all written papers taken in any one year before proceeding.

All candidates who fail the written papers will normally be required to be accepted for and to complete a further course of study before re-entering the examination.

Candidates offering a dissertation will not be permitted to proceed to its submission unless they have satisfied the examiners in the three written papers.

Dates of Examination	Full-time	Part-time
Written papers	June	June of the year in which each major and minor subject has been taken
Dissertation	Before 30 September of the same year	Before 20 September of the final year

M.Sc. Economics and Philosophy**Duration of Course of Study**

Full-time: One academic year. **Part-time:** Two academic years.

Examination

Paper Number	Paper Title	Course Guide Number
A.	Two from:	
	(a) Microeconomics I	Ec2404
	(b) Macroeconomics I	Ec2403
	(c) Methods of Economic Investigation I	Ec2410
B.	One from:	
	(a) Philosophy of Science and Scientific Method	Ph6200
	(b) Philosophy of the Social Sciences	Ph6208
	(c) Foundations of Probability	Ph6210
C.	A dissertation of not more than 10,000 words on some aspects of the Philosophy of Economics.	

In special circumstances students may be permitted to substitute one or two of the 'II' options for the 'I' options listed under 'A'. All students will attend the seminar in Philosophy of Economics.

Dates of Examination

Written papers	June
Dissertation	15 September

M.Sc. Marine Policy**Duration of Course of Study**

Full-time: One calendar year.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	Marine Science, Resources and Technology	
2.	National and International Problems in Sea-Use Policy-Making	IR4701
3.	One of the following:	
(a)	Coastal Zone Management	SU4552
(b)	International Maritime Transport Management	SU4551
(c)	Economics	Ec2520
(d)	International Law of the Sea	LL6060
(e)	Financial Reporting and Management	Ac2150
and		
II.	An essay of about 10,000 words on an approved topic.	

Dates of Examination

Written papers	June
Essay	September

All students on this course will be required to spend one week at the University Marine Research Laboratory.

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Course Guide Number
IR250	National and International Problems in Marine Policy Making Mr. R. P. Barston	IR4701
SU302	International Maritime Transport Management Dr. David Hilling	SU4551
SU303	Coastal Zone Management Dr. I. Jolliffe	SU4552
Ec414	Economics for M.Sc. Marine Policy Professor R. Turvey (See under Economics Master's Course Guides for details)	Ec2520
Ac170	Financial Reporting and Management Dr. P. Walton and Mr. J. Dent (See under Accounting Master's Course Guides for details)	Ac2150

Course Guides**IR4701****National and International Problems in Marine Policy Making**

Teacher Responsible: Mr. R. P. Barston, Room A140

Course Intended Primarily for M.Sc. Marine Policy.

Core Syllabus: The course will outline and analyse the major international and national problems in respect to the exploitation and use and conservation of marine resources, including living and non-living resources, shipping, waste disposal and recreational uses. Analytical tools for handling marine resource management conflicts will be suggested and comparative material, drawn from a wide range of maritime state and industrial practices, will be cited.

Course Content: Topics covered include offshore oil and gas; fisheries license systems; registration of ships and growth of open registries; international agreements on ship safety and marine pollution; exclusive economic zone management issues; prob-

lems of marine policy for new and small states; environmental impact assessments; and the development of state practice in terms of the 1982 Law of the Sea Convention.

Teaching Arrangements: 25 lectures (IR250) in the Michaelmas and Lent Terms. Students will deliver class papers and present essays on topics arranged in class.

Reading List: Books that cover various aspects of the topics include: Jack N. Barkenbus, *Deep Seabed Resources* (Macmillan, 1979); R. P. Barston & Patricia Birnie (Eds.), *The Maritime Dimension* (Allen & Unwin, 1980); Ken Booth, *Law, Force and Diplomacy at Sea* (Allen & Unwin, 1985); Luc Cuyvers, *Ocean Uses and Their Regulation* (Wiley, 1984); Frances W. Hoole *et. al.* (Eds.), *Making Ocean Policy* (Westview, 1981); James K. Sebenius, *Negotiating The Law of the Sea* (Harvard University Press, 1984); D. C. Watt (Ed.), *Greenwich Forum V: The North Sea: A New International Regime?* (Westbury House, 1980); G. Pontecorvo, *The New Order of the Oceans*; *Times Atlas of the Oceans*.

Students are also referred to the following courses: Ac2150 **Financial Reporting and Management**

Ec2520 Economics for M.Sc. Marine Policy
LL6060 International Law of the Sea

SU4551

International Maritime Transport Management

Teacher Responsible: Dr. David Hilling, Department of Geography, Royal Holloway, University of London

Course Intended Primarily for M.Sc. Marine Policy.

Core Syllabus: This course is designed to add to the policy side of the M.Sc. In this course International Maritime Transport is analysed from the perspective of the supply and demand for shipping services; port facilities and planning and development in management services, including safety and international conventions.

Course Content: The course examines the nature of the demand for and the supply of shipping services and the effect of this on freight rates. The supply of shipping services will be considered from the points of view of ownership, and ship types and trends in ship size will be examined in relation to economics, routing and safety. Port facilities and planning will be analysed with special reference to productivity, ship turn round and the coordination of maritime services. The impact of unitisation on shipping operations and organisation will also be discussed. The final part of the course looks at ship management services and questions of ship safety and longer term trends in the shipping industry will be reviewed.

Teaching Arrangements: 20 x 2 hour lecture/seminars (SU302) in the Michaelmas and Lent Terms. Students will be expected to prepare two essays as well as make seminar contributions.

Reading List: R. M. Alderton, *Sea Transport* (Chapman & Hall, 1984); E. Bennathan & A. A. Walters, *Port Pricing and Investment for Developing Countries* (OUP, 1979); A. Branch, *Elements of Port Operation and Management* (Chapman & Hall, 1987); A. W. Cafruny, 'Political Economy of International Shipping' in *International Organisation*, 39, 1985; Y. Hayuth, *Intermodality* (Lloyds of London Press, 1987); O. E. C. D., *Maritime Transport* (Annual Report, Paris); M. Stoppard, *Maritime Economics* (1988).

Examination Arrangements: There will be a three hour formal written examination in the Summer Term.

SU4552

Coastal Zone Management

Teacher Responsible: Dr. I. Jolliffe

Course Intended Primarily for M.Sc. Marine Policy.

Core Syllabus: This course has been designed to develop the coastal management element of the M.Sc. in Sea Use. The aim of the course is to address coastal zone issues that affect planning; examine policy questions, including environmental impact assessment, and consider the international dimension relating to obligations compliance and cost.

Course Content: This optional course, **Coastal Zone Management**, is designed to consolidate the introductory series of lectures on Coastal Zone Management provided in the early part of the M.Sc. Marine Policy Course and attended by all course participants. It embraces a broad range of topics which are highly relevant to Sea Use Planning; and represents a very topical and centre-stage environmental research area, planning and management issues. Demographic statistics alone exemplify these points - since effectively 70% of world population resides 'closely adjacent' to sea-coasts and estuarine shorelines. Also, sea use activities are mounted from shorelines, e.g. in respect of major oil refineries, power-stations, and aggregate industry, commercial fisheries, and coastal tourism and recreation.

Teaching Arrangements: 20 x 2 hour lecture/seminars (SU303) in the Michaelmas and Lent Terms. Students will be expected to prepare the essays as well as make seminar contributions.

Recommended Reading: J. Pethick, *An Introduction to Coastal Geomorphology* (1984); R. W. G. Carter, *Coastal Environments* (Academic Press); E. C. F. Bird (Ed.), *Coastal Changes; A Global Review* (Wiley, 1985); R. B. Clark, *Marine Pollution* (Oxford Science Publications, 2nd edn., 1986); *Ocean and Shoreline Management* (Journal, Elsevier).

Examination Arrangements: There will be a three hour formal written examination in the Summer Term.

M.Sc. Regional and Urban Planning Studies**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Course Guide Number
I.	Three written papers as follows:	
1.	The Economics of Regional and Urban Planning	Ec2510
2.	Administration in Regional and Urban Planning	Gv4164
3.	Geographical Aspects of Regional and Urban Planning	Gy2860
	<i>and</i>	
II. <i>Either</i>	1. An essay of not more than 10,000 words on an approved topic	
	<i>or</i>	
	2. A report of not more than 10,000 words on practical exercises carried out during the course	
	<i>and</i>	
III.	Candidates must also satisfy the examiners that they have achieved a sufficient level of attainment in statistics	

Dates of Examination

Written paper	June
Essay/report	September

Lectures and seminars for the interdepartmental course are as indicated in the following four course guides.

Course Guides**The Economics of Regional and Urban Planning**

Ec2510

Teacher Responsible: Dr. C. M. E. Whitehead, Room S377

Course Intended Primarily for M.Sc. in Regional and Urban Planning Studies

Core Syllabus: The course examines the economic principles and techniques necessary for the analysis of regional and urban structure and uses these principles to examine regional, urban and environmental problems and to evaluate policies which have been employed to alleviate these problems. The course relates mainly to the industrialized nations of Europe and North America with some discussion of the particular problems of developing nations.

Course Content: Industrial and residential location decisions. The determination of urban rents and land values. The structure of the urban area. The determination of income growth and decline of cities and regions. The possible convergence of disparities between regions. Urban and regional factor markets. The role of trade and factor mobility. The rationale of government intervention. Public goods, externalities and other causes of market failure. Methods of intervention: land use controls, regulations and standards,

taxation and subsidy. Financing the public sector. Pricing and investment decisions in the public sector. The principles of cost benefit analysis and their application to public sector decision making and to environmental issues. The rationale of regional and local policies. Instruments of regional policy. Economics of environmental policy. Regional inequality. Rural/urban migration in developing countries and the role of the informal sector. Case studies in developed and developing countries.

Pre-Requisites: Students should normally have completed an introductory course in Economics. A higher level of attainment will enable the student to cover the material in more depth. Students without this background must attend Ec100 Economics A as a pre-requisite.

Teaching Arrangements:

24 hours lectures (Ec400) **Topics in Urban and Regional Economics** C. M. E. Whitehead, M. Kleinman, A. Marin and C. Scott, Sessional.

12+ hours classes (Ec400a) **Urban and Regional Economics**, Michaelmas and Lent Terms.

15 one and a half hour seminars (Ec401) **Seminar in Regional and Urban Economics**, C. M. E. Whitehead, M. Kleinman, S. Glaister, A. Marin and C. Scott, Michaelmas, Lent and Summer Terms.

10 one and a half hour seminars (Ec234) **Urban and Transport Economics**, S. Glaister and C. M. E. Whitehead, Lent Term.

10 one hour lectures (Ec119) **Cost-Benefit Analysis**, C. Scott, Lent Term.

Written Work: Students are expected to prepare seminar papers and to do regular exercises for the class.

Reading List: The recommended text books for Ec400 are: R. W. Vickerman, *Urban Economics* and H. Armstrong & J. Taylor, *Regional Economic Policy and its Analysis*. In addition students may wish to refer to A. J. Harrison, *Economics of Land Use Planning*; A. Evans, *Urban Economics*; H. Dunkerley (Ed.), *Urban Land Policies: Issues and Opportunities*; D. Pearce & R. Kerry Turner, *Economics of Natural Resources and the Environment*. Reading on specific topics will be provided at the lectures.

A detailed reading list for each seminar topic covered in Ec401 will be provided at the beginning of each section of the course.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term. The examination paper normally contains six questions covering all aspects of the course, of which three must be attempted. Students are also required to sit a short examination covering Ec101 and Ec400 at the beginning of the Lent Term.

Gy450

Regional and Urban Planning Problems

Teacher Responsible: To be arranged

Other Teachers Involved: Professor P. Dunleavy, Dr. N. Spence, Dr. Y. Rydin, Dr. M. Kleinman and Dr. C. Whitehead

Course Intended Primarily for M.Sc. Regional and Urban Planning.

Core Syllabus: An interdisciplinary seminar with internal and invited speakers on problems of urban and regional planning.

Teaching Arrangements: Ten seminars Sessional.

Examination Arrangements: None.

Gy452

Regional Economic Analysis

Teacher Responsible: Dr. N. A. Spence, Room S564

Course Intended Primarily for M.Sc. Regional and Urban Planning Studies.

Core Syllabus: The aim of the course is to consider methods of regional economic analysis which can be used in describing and understanding change over space and in monitoring the effects of government spatial policies.

Course Content: Regional economic inequalities, defining areas for policy purposes, export base and input-output multipliers, forecasting and demographic accounts, total factor productivity, infrastructure and regional production functions, evaluation of regional policy.

Pre-Requisites: None.

Teaching Arrangements: Weekly lecture in Michaelmas and Lent Term.

Examination Arrangements: Practical work based on the course is submitted for the M.Sc. examination

in Regional and Urban Planning Studies as evidence of competency.

Gy2860

Geographical Aspects of Regional and Urban Planning

Teacher Responsible: Dr. N. A. Spence, Room S564

Course Intended Primarily for M.Sc. Regional & Urban Planning Studies.

Core Syllabus: The contribution of geographical analysis to issues in urban and regional planning.

Course Content: The application of locational and spatial concepts to problems of urban and regional planning and development: land use, location theory, urban and regional spatial structure, national settlement systems; and public policy impact assessment and environmental issues associated with urban and regional change.

Teaching Arrangements: The course has two main components: Seminars: 18 seminars in the Michaelmas, Lent and Summer Terms, **Environment and Space in Regional and Urban Planning** (Gy451). Lectures: 20 lectures in the Michaelmas term, **The Environmental Policy Process: National and Local Level** (Gy311) and 20 lectures in the Michaelmas and Lent Terms, **Regional Economic Analysis** (Gy452).

Reading List: Detailed reading lists related to the different components of the course will be issued: E.J. Malecki, *Technology and Economic Development*; P. Townroe and R. Martin, *Regional Development in the 1990s*; D. R. Diamond & N. A. Spence, *Regional Policy Evaluation*; A. J. Fielding, *Counterurbanisation in W. Europe*; K. Chapman & D. Walker, *Industrial Location; Principles and Policies*; D. Massey, *Spatial Divisions of Labour*; H. Armstrong & J. Taylor, *Regional Economic Policy and its Analysis*; K. J. Button & D. Pearce, *Improving the Urban Environment*.

Examination Arrangements: There is a three hour formal examination in June based on the entire syllabus. Normally candidates will answer three questions from a choice of nine. Copies of previous years' papers are available for consultation. In addition candidates are required to show competence in the use of quantitative methods employed in regional economic analysis by submitting two small projects set in the course Gy452.

Gv4164

Administration in Regional and Urban Planning

Teacher Responsible: Professor P. J. Dunleavy, Room K300

Course Intended Primarily for M.Sc. in Regional and Urban Planning, and M.Sc. Politics 6.

Core Syllabus: This course examines the political and policy processes involved in urban and regional planning focusing particularly on how the institutions

and administrative technologies available contribute to or constrain the achievement of planning objectives. The social and political conflicts surrounding planning issues are explored.

Course Content: The course falls into two parts. The first term examines the urban context of planning, focusing on political economy approaches and looking also at major approaches to public policy as a back ground. The second term focuses on regional development problems within the large, integrated economic market of the European Community. Urban and regional policy interactions are explored.

Pre-Requisites: This course is designed primarily for post-graduate students. It is an optional paper for the M.Sc. Politics in Public Administration and Public Policy, and a compulsory paper for the M.Sc. in Regional and Urban Planning. Other M.Sc. students, research students and interested undergraduates are welcome at the lectures. The seminar series Gv218 requires permission for outside attenders, but those wishing to take the paper are welcome.

Teaching Arrangements: The core teaching for this course is provided by the following seminar and lectures: Gv487 **Urban and Regional Planning: Politics and Administration, Seminar (Professor**

Dunleavy and Dr. R. Leonardi, Michaelmas and Lent Terms)

Gv492 **Urban and Regional Planning: Politics and Administration** (Lecturer to be arranged, Lent Term)

Reading List:

Urban Policy Making: P. Dunleavy, *Urban Political Analysis*; T. Gurr & D. King, *The State and the City*; H. Logan & H. Molotch, *Urban Fortunes: The Political Economy of Place*.

Regional Policy and Planning: L. J. Sharpe, *Decentralist Trends in Western Democracies*; B. Hogwood & M. Keating, *Regional Government in England*; M. Derthick, *Between State and Nation*; *Regional Organization in the U.S.*; S. Tarrow et al, *Territorial Politics in Industrial Nations*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper of about twelve questions, of which students must answer three within a period of three hours. Students are advised to look at recent past examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

The Degrees of M.Phil. and Ph.D.

The degrees of Master of Philosophy and Doctor of Philosophy may be conferred (in the Faculties of Economics, Arts, Laws and Science as appropriate) in every field for which the School offers teaching. These degrees are awarded on the basis of a thesis written, on a topic of the student's choice, under supervision and guidance. There is a special form of M.Phil. in Philosophy, incorporating final examinations.

General regulations and qualifications for admission

The minimum entrance qualification required by the University of London for admission to the M.Phil. or the Ph.D. is a Second Class honours degree, but the School will normally expect candidates to have obtained Upper Second Class honours or qualifications of equivalent standard; candidates wishing to read for a Ph.D. may be expected to have obtained a Master's degree of this or another university.

Candidates whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before submission of the dissertation.

The University of London requires students wishing to read for the Ph.D. to be registered for the M.Phil. in the first instance, from which they may be transferred to Ph.D. registration (with fully retrospective effect) if their work is of a suitable standard.

The University Regulations specify conditions of registration in certain subjects as follows:

Geography (M.Phil.)

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with first or upper second class honours and Geography as the main field of study, or an M.Sc. degree in Geography of the University of London, or other degree accepted as equivalent to these degrees for this purpose. Other candidates may be accepted for registration, but will normally be required to pass a qualifying examination at which the standard will be at least upper second class honours.

History (M.Phil. and Ph.D.)

A candidate shall be required to have obtained a first or second class honours degree in History from a British university or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Philosophy (Ph.D.)

A candidate who does not possess the M.A. or M.Phil. degree in Philosophy must produce evidence of his competence to undertake research work of the standard required.

Psychology (M.Phil. and Ph.D.)

A candidate must normally have obtained a second class honours degree of a UK university or of the CNA, having Psychology as the main field of study or other degree accepted by the University as equivalent (including an appropriate Master's degree). Other candidates may be accepted for registration but will normally be required to pass a qualifying examination.

Social Administration and Social Work (M.Phil.)

A candidate will be required to hold a degree normally with at least upper second class honours. A candidate holding a degree of a lower classification may be considered for registration but will normally be required to pass a qualifying examination as a condition of registration. A qualifying examination may be prescribed for any candidate.

Statistics (Ph.D.)

A candidate who does not possess a M.Phil. degree in Statistics of the University will normally be required to register in the first instance for the M.Phil. degree.

The Course of Study

The University of London requires every student to pursue a regular course of study at the School, the length to be determined by the School.

Minimum period of registration

The minimum period for the course of study is not less than two academic years for full-time students, and two years for part-time students for the M.Phil. or three years for part-time students for the Ph.D. The course length will be calculated in calendar years for students registering at any time other than the beginning of the academic year. The University of London is willing to consider under certain conditions applications to reduce the required minimum period to one year for students who transfer to the School to continue research which was previously being done for a research degree elsewhere in the United Kingdom.

Maximum period of registration (for students first registering in and after October 1993)

Students first registering in and after October 1993 for the M.Phil./Ph.D. are subject to a maximum period of registration of six years for full-time students and eight years for part-time students or students who have studied a mixture of full and part-time. Periods of leave of absence (see below) will count towards the maximum period of registration but periods of interruption of registration will not. Extensions to the maximum period will be allowed in exceptional cases only by permission of the student's department and the Dean and Chairman of the Graduate School Committee.

It is the School's expectation that full-time students should be able to complete their thesis within four years of initial registration and not more than six years; and part-time students within six years of initial registration and not more than eight years.

Continuous Registration rule

M.Phil. and Ph.D. students commencing their research in and after October 1989 are required:

- (a) to remain in registration, to consult their supervisors regularly about their progress and to be subject to the School's regular progress-reporting system, whether in attendance at the School or not, for as long as they wish to retain the right to submit a thesis for examination;
- (b) to pay full fees at the appropriate rate up to completion of the University of London's required minimum period of registration;
- (c) to pay for the first year thereafter fees at 75% of the appropriate full rate;
- (d) to pay the Continuation Fee thereafter until either a thesis is submitted for examination or the research is abandoned.

Interruption of registration

Exceptionally, interruption of registration may be allowed under certain conditions with the written approval of the Dean of the Graduate School and the supervisor. Students wishing to interrupt their registration should contact the Graduate Office in the first instance. A maximum of two years interruption may be allowed by the School; thereafter the University's approval is required. Periods of interruption *do not* count towards the minimum period of registration required by the University of London. No fees are charged for periods of interruption in registration.

Leave of absence for research

A student who wishes to spend time away from London, whether to consult original sources or to undertake fieldwork or for other reasons, and who wishes to continue working on the research, may apply to the School for leave of absence. No student may take leave of absence without the written permission of the supervisor and the Dean of the Graduate School. While on leave of absence students pay to the School the "leave of absence" fee to maintain their registration at the School. The fee will be set each year at the same level as the Continuation Fee. No student will be allowed leave of absence for more than a total of eighteen months unless exceptional permission has been given by the Dean of the Graduate School and the supervisor following an examination of the academic case for leave. Students on leave of absence are not issued with a Library card and are not expected to make heavy demands on their supervisor's time; up to three "supervisors" by correspondence per session may be expected. Periods of leave of absence *do not* count towards the minimum period of registration required by the University. University of London regulations require a total of at least nine months of full-time study (or the equivalent in part-time study) to be spent in regular attendance in London, whatever the period of absence allowed by the School. This normally includes the first and last three months of the course. Students may choose to pay full fees while on leave of absence. Any period of leave of absence for which full fees are paid will then count towards the minimum period of registration. Students with awards from the ESRC will normally be counted as full-time students during periods of leave of absence, for which full fees will be charged.

Regulations for students commencing their research before 1989

Different arrangements apply for students who commenced their research before October 1989. Information on these is supplied to the students affected on request.

Assessment and review

Every student is required to pursue a regular course of study at the School. In most subjects, however, there are forms of collective assessment and review of students' progress at the departmental level including teachers other than the students' own supervisor. Students may be required to attend formal tuition (and to pass examinations) in subjects relevant to their research, and in research methods. Decisions as to whether or not to recommend their transfer to Ph.D. registration may also be a matter for such a collective decision. Students should normally expect that their progress will be reviewed annually at the departmental level, and that regular progress reports will be made and kept in central School records. Students are therefore advised to come to a clear understanding as soon as possible of what is expected of research students in their subject. In cases of difficulty the Dean of the Graduate School should be consulted.

Retrospective transfer to the Ph.D.

If, as a result of the process of assessment and review referred to in 'The course of study' above, it is decided that a student's work is appropriate to registration for the Ph.D. degree, the student may be transferred to registration for the Ph.D. provided that the student's entrance qualifications have been approved for registration for the Ph.D. degree. The University's permission for transfer may be sought on behalf of those students whose qualifications have not been approved for Ph.D. registration. Where this is permitted, the student will normally be allowed to count all the period of registration for the M.Phil. degree towards registration for the Ph.D. degree. A decision to transfer a student to Ph.D. registration can only be taken while student is in registration.

Thesis requirements

As soon as possible after registration, students should decide with their supervisor(s) the subject of their research and inform the Graduate Office. Subsequent changes of the field of research should also be reported to the Graduate Office since, if they are substantial or have

been made long after registration, they may need the consent of the Graduate School Committee. The final thesis title must be approved by the Committee, on the recommendation of the supervisor(s) (see the section on Examination Arrangements below).

The greater portion of the work submitted in a thesis must have been done after the registration of the student as a candidate for the M.Phil. or the Ph.D. degree.

The thesis must consist of the candidate's own account of his or her research. It may describe work done in conjunction with his or her supervisor and/or fellow research workers, provided that the candidate clearly states his or her personal share in the investigation, and that this statement is certified by the supervisor.

The candidate must indicate how far the thesis embodies the result of his or her own research or observation, and in what respect his or her investigations appear to him or her to advance the study of the subject. Work already published (including that published in joint names) may be included only if it forms an integral part of the thesis and thereby makes a relevant contribution to the main theme of the thesis. A series of publications alone is not acceptable as a thesis. All theses must include a full bibliography and references.

A candidate will not be permitted to submit a thesis which has been submitted for a degree or comparable award in this or any other university or institution, but a candidate shall not be precluded from incorporating work already submitted for a degree in this or any other university or institution in a thesis covering a wider field, provided that the candidate shall indicate on the entry form and also on the thesis any work which has been so incorporated.

An M.Phil. thesis shall be either a record of original work or an ordered and critical exposition of existing knowledge in any field. In the following fields the thesis or dissertation for the M.Phil. degree shall not normally exceed the number of words indicated, but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the supervisor, such application being made at least six months before the presentation of the thesis or dissertation.

Fields in the Faculty of Economics: 55,000

Geography: 40,000

History: 75,000 (inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography). This number of words does not apply to editions of a text or texts.

Law: 80,000, inclusive of footnotes and appendices but exclusive of bibliography and references.

Philosophy: 30,000 (nor be less than 25,000)

Social Administration: 55,000 (inclusive of footnotes and appendices, but exclusive of bibliography).

A Ph.D. thesis 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. It must be written in English and the literary presentation must be satisfactory, and, if not already published in any approved form it must be suitable for publication either as submitted or in an abridged or modified form.

In the following fields the thesis shall not normally exceed the number of words indicated but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the Graduate Office, such application being made at least six months before the presentation of the thesis:

Anthropology: 100,000, excluding note, bibliography and appendices.

Economics and Sociology: 100,000, inclusive of footnotes and appendices, but exclusive of bibliography; this regulation does not apply to editions of a text or texts.

Geography and Philosophy: 75,000

History: 100,000, inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography.

Law: 100,000, inclusive of footnotes and appendices but exclusive of bibliography and references.

Social Administration: 100,000 inclusive of footnotes and appendices, but exclusive of bibliography.

Use of confidential material in theses

As indicated below, access to successful M.Phil. or Ph.D. theses may be restricted, but the University will *not* allow access to be restricted if the reason given is that the thesis contains sensitive or confidential material. To satisfy the criteria for the award of a research degree, theses should be available for teaching and study purposes, and should be based on material that can be checked; the University believes that theses should not be based on evidence which cannot be substantiated or tested by other researchers or which is given under conditions which render the thesis inaccessible to other researchers.

Collection of material outside the School

Research students wishing to issue questionnaires or collect unpublished material outside the School must secure their supervisor's approval before doing so; if the School's address is to be used, the text of any communication must be approved by the supervisor before it is sent.

Examination arrangements

Research degree students are asked to discuss with their supervisor(s) arrangements for the submission of their theses at least a year before their proposed date of submission, so as to avoid administrative difficulties.

Thesis Title and Requirements

The final thesis title should be submitted, with the supervisor's recommendation, to the Graduate School Committee through the Graduate Office, about nine months before the proposed date of submission.

For the University's Regulations concerning the length of the thesis, see the regulation for each degree (above).

The University's detailed instructions on layout and presentations are issued to candidates with the examination entry form.

Entry for Examination

Examination entry forms are available from the Graduate Office, and should be returned to the office four to six months before the proposed date of submission. With the entry form, every candidate is required to submit a signed statement authorising the University to make the thesis available for public reference, inter-library loan, photocopying, micro-filming and publication in a list and central file of abstracts; a copy of the full text of this declaration is available from the Graduate Office. Candidates may apply to the University to retain the sole right to grant access to the thesis for up to five years (but not on the grounds of confidentiality, *see* 'Use of confidential material in theses' above).

Candidates are invited to submit as subsidiary matter in support of their candidature any printed contribution or contributions to the advancement of the subject which they may have published independently or conjointly. If candidates submit such subsidiary matter they will be required to state fully their own share in any conjoint work.

The thesis or dissertation may be submitted on or after the first day of the month following that in which the prescribed course is completed. A candidate who is required to pursue a course extending over a specified number of academic years will be permitted to submit the thesis or dissertation on or after 1 June of the relevant year.

A candidate who will not be ready to submit the thesis or dissertation at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of the course. A candidate who does not submit the form of entry within one calendar year may apply to the School for permission to enter the examination.

If a candidate has not submitted the thesis or dissertation for examination within eighteen months after submission of the form of entry for the examination the entry will be cancelled.

Every candidate who is unsuccessful at the examination will be required on re-entry to comply with the regulations in force at the time of re-entry.

Candidates are reminded that the decision to submit a dissertation or thesis in any particular form rests with the candidate alone and that the outcome of the examination is determined by two or more examiners acting jointly.

Examination

- (a) For the purpose of the oral, practical or written examination held in connection with a thesis or dissertation, candidates will be required to present themselves at such a place as the University may direct and upon such a day or days as shall be notified.
- (b) After the examiners have read the thesis or dissertation they may, if they think fit, and without further test, determine that the candidate has not satisfied them in the examination.
- (c) Except as provided in paragraphs (b) and (e), the examiners, after reading the thesis or dissertation, shall examine the candidate orally, and at their discretion, by written papers or practical examinations or by both methods, on the subject of the thesis or dissertation, and if they see fit, on subjects relevant thereto.
- (d) If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at any practical or written examination, the examiners may determine that the candidate be exempted on re-entry from presentation of a thesis or a dissertation and permitted to submit to a further practical or written examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D. If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at the oral examination, the examiners may determine that the candidate be permitted to re-present the same thesis or dissertation, and submit to a further oral examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D.
- (e) If the thesis or dissertation, though inadequate, shall seem of sufficient merit to justify such action, the examiners may determine that the candidate be permitted to re-present the thesis or dissertation in a revised form within twelve months for the M.Phil., or eighteen months for the Ph.D. Examiners shall not, however, make such a decision without submitting the candidate to an oral examination. The examiners may at their discretion exempt from a further oral examination on re-presentation of his thesis or dissertation a candidate who under this regulation has been permitted to re-present it in a revised form.
- (f) The examiners may require the candidate to make within one month specified amendments to their satisfaction or that of one of their number nominated by them.
- (g) If, after completion of the examination including the oral examination or re-examination for the Ph.D., the examiners determine that a candidate has not reached the standard required for the award of the degree nor for the re-presentation of the thesis in a revised form for that degree, they may determine, if they think fit, that the candidate has reached the standard required for the award of the M.Phil. subject to any minor amendments which may be required. Following such a decision of the examiners, the following conditions and procedures will apply:
 - (i) The candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has reached the standard required for the award of the M.Phil., and that he may be considered for the award of the M.Phil. if he indicates within two months that he wishes to be so considered.
 - (ii) A candidate who indicates that he wishes to be considered for the award of the M.Phil. under this regulation will be not required to submit the thesis or dissertation, as may be required under the regulations for the M.Phil. or to undergo an oral examination thereon, but will be required to fulfil the requirements for the M.Phil.

examination in all other respects including the passing, at the next following occasion on which they are held, of any required written papers or other required tests prescribed for the M.Phil. in the relevant field.

- (iii) If additional forms of examination are prescribed, the candidate will be informed that he must satisfy the examiners in such forms of examination, and that if he fails, re-entry will be governed by the regulations for the M.Phil. so far as applicable.
- (iv) A candidate who applies for the award of the M.Phil. under these regulations must make any amendment that may be required by the examiners within a period of one month.
- (v) A candidate who has reached the standard for the award of the M.Phil. who does not indicate that he wishes to be considered for the award of that degree within the period given in (a) above, will be informed that he has failed to satisfy the examiners for the Ph.D. and that he may no longer be considered for the award of the M.Phil.
- (h) Subsequent consideration of a candidate's representations regarding the assessment of his submission may be arranged under procedures approved by the Senate of the University.

Notification of results

Every candidate will be notified by the University of the result of his examination after the examiners have reached a decision.

A diploma under the Seal of the University shall subsequently be delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of the degree to a candidate owing fees to the School.

M.Phil./Ph.D. Programmes of Study

The following departmental sections list

- (a) programmes of study which M.Phil./Ph.D. students in the department concerned are expected to follow; if no programme is listed, students should ask their supervisor or departmental convener what is required of M.Phil./Ph.D. students in the department
- (b) a list of courses offered by the department for research students

Courses offered generally to M.Phil./Ph.D. students are described in the Methodology Institute entry below before the departmental sections.

The list of lectures and seminars in each department (which uses a three-digit number series) also appears in the Sessional Timetable, which is published in August, and sets out the times, places and beginning dates of the lectures and seminars in the coming session. Against each lecture/seminar is indicated the number of meetings and the term(s) in which they take place (M=Michaelmas, L=Lent, S=Summer).

To help students identify the courses and teachers dealing with particular subjects, there are subject and teacher indexes to Course Guides at the back of the Calendar.

Regular students (see definition in the section "Admission of Students") are at liberty to attend any course of lectures except those where a limitation is indicated by an asterisk in the Course Guide or in the lecture and seminar list.

The School reserves the right at all time to withdraw or alter particular courses and syllabuses.

THE METHODOLOGY INSTITUTE

This section is in two parts. The first part lists the lectures and seminars given by the department. The list provides a cross reference to the Course Guide(s) in which the course content and the reading list associated with the lecture or seminar can be found. The second part contains the Course Guides, presented in Course Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>3/M</i>	<i>5/L</i>	<i>7/M</i>	<i>Course Guide Number</i>
MI400	Introduction to Study for the M.Phil. and Ph.D. Dr. J. Liebenau				MI400
MI401	Sources and Methods Dr. J. Liebenau				MI401
MI402	Drafting, Writing and Publishing a Ph.D. Thesis Professor P. Dunleavy and others				MI402
MI411	Quantitative Analysis in Social Research I Mr. C. O'Muircheartaigh, Mr. C. Mills, Dr. C. Schonhardt-Bailey and others				MI411; MI9002

Lecture/ Seminar Number			Course Guide Number
MI412	Quantitative Analysis in Social Research II Mr. C. O'Muircheartaigh, Mr. C. Mills, Dr. C. Schonhardt-Bailey and others	8/L	MI412; MI9003
MI413	Applied Multivariate Analysis Professor D. J. Bartholomew and others	10/L	MI413; SM259
MI414	Data Sets for Secondary Analysis Mr. C. Mills and others		MI414
MI415	Spatial Analysis using Geographical Information Systems Dr. Elsa João		MI415
MI421	Qualitative Research Methods Dr. G. Gaskell and others	12/ML	MI421
MI422	Unstructured Interviewing SCPR Qualitative Research Unit members		MI422
MI423	Computer Analysis of Qualitative Data Dr. M. Bauer, Ms. C. Graebner and others		MI423
MI431	Philosophy of the Social Sciences Dr. P. Urbach, Dr. H. Cronin and Dr. M. Power	10/ML	MI431
MI441	Seminar in Survey Methodology Mr. C. O'Muircheartaigh	10/L	MI441; SM275
MI442	Introduction to Methods of Evaluation and Monitoring Dr. J. Dockrell, Dr. G. Wilson and others	12/ML	MI9000
MI443	Methods in Evaluation, Monitoring and Quality Assurance Dr. G. Wilson, Dr. J. Dockrell, Dr. M. Bauer and others	12/LS	MI9001
MI445	Ethical and Legal Aspects of Social Research Professor M. Bulmer, Dr. M. Bauer, Professor R. M. Farr, Professor R. Jowell, Dr. D. McKnight, Professor D. H. Ruben and Mr. B. Sherman	6/S	MI445

Course Guides

MI400

Introduction to Study for the M.Phil. and Ph.D.

Teacher Responsible: Dr. Jonathan Liebenau, Room S111 and others

Course Recommended for All first year research students preparing for the M.Phil. and Ph.D. degrees.

Course Content: Introduction to the methods and materials of study for the M.Phil. and Ph.D. The purpose is to provide a preliminary introduction (a) to practical problems likely to be encountered in working for a higher degree by thesis and (b) to resources available to assist students at the School. Issues to be covered include:

- Organising One's Time
- Bibliographical Tools
- Computing at the School
- Statistical Advice at the School
- Psychological Aspects of Ph.D. Study
- Drafting and Writing
- "Professional" Activities
- Theory and Empiricism
- Ethics, Rigour, Relevance

Teaching Arrangements: Three half days starting in week three of the Michaelmas Term. Students will be notified of details on registration.

Reading List: E. M. Phillips & D. M. Pugh, *How to Get a Ph.D.*; J. Barzun & H. Graff, *The Modern Researcher*; G. Watson, *Writing a Thesis*; J. Calnan, *Coping with Research: A Complete Guide For Beginners*; C. J. Parsons, *Thesis and Project Work: A Guide to Research and Writing*; K. Howard & M. A. Sharp, *Management of a Student Research Project*; D. Madsen, *Successful Dissertations and Theses: A Guide to Graduate Student Research from Proposal to Completion*; T. Turabian, *A Manual for Writers of Research Papers, Theses and Dissertations*; H. Zeisel, *Say It With Figures*; E. R. Tuftte, *The Visual Display of Quantitative Information*; C. J. Mullins, *A Guide to Writing and Publishing in the Social and Behavioural Sciences*; E. Harman & L. Montagnes (Eds.), *The Thesis and the Book*; S. Vartuli (Ed.), *The Ph.D. Experience: A Woman's point of view*; D. Sternberg, *How to Complete and Survive a Doctoral Dissertation*; Howard S. Becker, *Writing for Social Scientists: How to Start and Finish Your Thesis, Book or Article*.

MI401

Sources and Methods

Teacher Responsible: Dr. J. Liebenau, Room S111
Course Intended Primarily for First and second year research students.

Core Syllabus: The aim of this course is to provide a "bridge" between Institute courses MI400 and MI402, in helping students to utilise fully the research tools (bibliographic and technological) available to them.

Course Content: During the course, students will be introduced to the full range of research sources offered within the School. Reference searches for

texts will be covered in detail and the students will be brought into close contact with the on-line IT services currently operating in the BLPES. Data collection and analysis on the School's computer network (through JANET) will also be covered in depth during hands-on computer sessions.

Teaching Arrangements: Three two-hour sessions (MI401) in the Michaelmas Term.

Examination Arrangements: This course is non-examinable.

MI402

Drafting, Writing and Publishing a Ph.D. Thesis

Teachers Responsible: Professor Patrick Dunleavy, Room K300 and others

Course Recommended for Students registered for the Ph.D. who have nearly completed the preliminary phases of their research, and who are starting to think about organising material with a view to drafting the thesis; or who have already begun writing their dissertation. Those wishing to attend are asked to contact one of the teachers or write a note to Professor Dunleavy's Secretary in advance of the first meeting.

Course Content: The aim of the seminar is to assist research students in writing their thesis. The principal focus will be upon the process of writing, not upon the substantive content of the thesis. Among the topics covered will be:

- Preparing to Write
- Structuring a Thesis
- Replanning a Chapter
- Effective Communication
- English Expression, Style and Usage
- Statistical and Diagrammatic Presentation
- Preparing a Typescript for Publication

Publication in journals and in book form will be the subject of the final seminar. Some of the seminar work will involve the detailed analysis of short passages of students' own writing.

Teaching Arrangements: Five two-hour seminars (MI402) in the Lent Term.

Reading List: Howard S. Becker, *Writing for Social Scientists: How to Start and Finish your Thesis, Book or Article*; P. Dunleavy, *Studying for a Degree in the Humanities and Social Sciences*, ch.5, "Writing a Dissertation"; D. Sternberg, *How to Complete and Survive a Doctoral Dissertation*, esp. ch.5; M. Stoch, *A Practical Guide to Graduate Research*; G. Taylor, *The Student's Writing Guide for the Arts and Social Sciences*.

Examination Arrangements: This course is non-examinable.

MI411 MI9002

Quantitative Analysis in Social Research I

Teachers Responsible: Colm O'Muircheartaigh, Room X25, Colin Mills, Room S875, Paul Jackson, Room S301, Cheryl Schonhardt-Bailey, Room L105 and others

Core Syllabus: An intensive introduction for research students to the principles and methods of statistical analysis in social research.

Course Content: The course, designed specifically for research students with little or no past training in quantitative analysis, aims to impart a level of familiarity suitable for a moderately critical understanding of the statistical material in the journals being used by students in their work and the ability to use some elementary techniques. Topics include descriptive statistics, exploratory data analysis (EDA), basic ideas of inference and estimation, contingency tables and some forms of regression models. The course includes an introduction to the statistical program SYSTAT, which will be used during the computer sessions.

Teaching Arrangements: Seven three-hour sessions starting in the fourth week of the Michaelmas Term. In each session there will be two hours of lecture and one hour on the computer. Weekly assignments, both on and off the computer, will be required.

Reading List: We strongly urge students to buy J. Healey, *Statistics: A Tool for Social Research*. This will be the core text for this course and will be a useful reference book thereafter. Some additional reading will be suggested during the course.

MI412 MI9003

Quantitative Analysis in Social Research II

Teachers Responsible: Colm O'Muircheartaigh, Room X25, Colin Mills, Room S875, Paul Jackson, Room S301, Cheryl Schonhardt-Bailey, Room L105 and others

Core Syllabus: This course follows on from MI411, giving students further training with the statistical techniques used in social research.

Course Content: Students are required to have satisfactorily passed MI411 or an equivalent level statistics course. This course provides students with a firm training in statistical methodology, both interpretative and implementative. Topics include multiple regression, log-linear models, logistic regression, as well as discussions of how inference and estimation should and should not be used in social science research. Students will be introduced to the statistical packages SYSTAT and SPSS.

Teaching Arrangements: Eight three-hour sessions starting in the third week of the Lent Term. In each session there will be two hours of lecture and one hour on the computer. Weekly assignments, both on and off the computer will be required.

Reading List: No single book covers all the topics which will be discussed. Useful texts include J. Healey, *Statistics: A Tool for Social Research*. A more detailed reading list will be handed out during the first lecture and full reading lists will be handed out each week.

MI413

Applied Multivariate Analysis

Teachers Responsible: Professor D. J. Bartholomew, Room S213 and others

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics) (half-unit), M.Sc. (Social Psychology) and research students undertaking projects entailing an advanced level of statistical analysis.

Course Content: The course deals with some of the multivariate techniques used in the Social Sciences. Students attend course ST259; separate classes will be provided as necessary.

ST259: A review of techniques used in the Social Sciences including a selection from principal components analysis, factor analysis, latent variable modelling, cluster analysis, Multi-dimensional scaling and log-linear modelling.

Pre-Requisites: A basic knowledge of probability, statistical theory and survey methods up to first degree level.

Teaching Arrangements: Ten one-hour sessions (ST259) in the Lent Term and about five two-hour practical sessions.

Reading List: The course does not closely follow any book but all the following cover most of the material. Students are advised to purchase at least one from the list having regard to their background and interests. Advice will be given by the lecturer.

B. S. Everett & G. Dunn, *Applied Multivariate Data Analysis* (1991); C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, 2 Vols., but especially Vol. 1; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*, C. Chatfield and A. J. Collins, *Introduction to Multivariate Analysis*, D. J. Bartholomew, *Mathematical Methods in Social Science*.

Examination Arrangements: Students will be assessed on work done during the course.

MI414

Data Sets for Secondary Analysis

Teacher Responsible: Mr. C. Mills, Room S875

Course Intended Primarily for Research Students.

Core Syllabus: The course aims to redress the under-exploitation of secondary analysis as a research strategy by research students in the School.

Course Content: Students will be made aware of the secondary data sources currently available or accessible to them from within the School. A mix between lectures and workshop sessions is intended to expose students to a hands-on experience of reference tools, both in a bibliographic and IT environment.

Teaching Arrangements: A one-day session on a date to be arranged.

One one-hour session will be devoted to investigating secondary data archives on the School's PC network.

Reading List: W. Armstrong, *An Introduction to the General Household Survey* (Greater London Council) (1978); I. Crewe, N. Day & H. Fox, *The British Electorate 1963-1987: A Compendium of Data from the British Election Surveys* (Cambridge CUP) (1991); S. Arber, A. Dale & M. Procter, *Doing Secondary Analysis* (London, Unwin Hyman) (1988); C. Hakim, *Secondary Analysis in Social Research* (London, Allen and Unwin) (1982); SCPR, Annual Reports of the *British Social Attitudes Survey*; K. Fogelmann, *Growing up in Great*

Britain: Papers from the National Child Development Study (London Macmillan) (1983).

Examination Arrangements: This course is non examinable.

MI415

Spatial Analysis using Geographical Information Systems

Teacher Responsible: Dr. Elsa João, Room S512

Course Intended Primarily for: Research Students and Research Officers.

Course Syllabus: This course aims to provide an introduction to this rapidly growing field. Geographical Information Systems (GIS) are computer systems that can handle spatially referenced information in a far greater variety of ways than was ever possible with paper maps. By capturing, checking, manipulating, integrating and displaying spatial data quickly and accurately a wide range of different analyses can be carried out and questions addressed. Everything from social research - how the standard of living in different areas is related to health and disease, to environmental work - linking maps of different farming practices with environmental models of soil erosion - can be included.

Course Content: During the course the students will be made aware of the potential and applications of GIS for their own field of study. An introduction to the principles of GIS as well as the main state-of-the-art issues (from spatial data bases to data quality issues) will be covered in the theoretical lectures. The students will also use a computerised tutorial (the GISTutor) throughout the course which will complement the lectures. In combination with the lectures, a series of practical workshop sessions will introduce students to two different GIS software packages: IDRISI and ARC/INFO.

Teaching Arrangements: This week-long intensive course will take place during the Easter vacation and will be organised into two parts:

Part 1 - Introduction to GIS and to IDRISI - Nine hours of lectures and three three-hour practical sessions (three consecutive days).

Part 2 - Introduction to ARC/INFO and/or Advanced use of IDRISI - Six two-hour practical sessions (two consecutive days).

Reading List: A comprehensive reading list will be given by the course teacher but the following are important basic texts that are referred to during the course: D. Maguire, M. Goodchild & D. Rhind (Eds.), *GIS: Principles and Applications*, 1991; S. Aronoff, *GIS: A Management Perspective*, 1989; M. Goodchild & S. Gopal (Eds.), *Accuracy of Spatial Data Bases*, 1989; D. Martin, *GIS and their Socio-economic Applications*, 1991.

Examination Arrangements: This course is non-examinable but the students will receive feedback on the practical work done during the course.

MI421

Qualitative Research Methods

Teachers Responsible: Dr. G. Gaskell, Room S313 and others

Course Intended for Research Students.

Course Content: The course discusses the principles and assumptions, the applications and analysis and the strengths and weaknesses of various qualitative methodologies in the Social Sciences. The approaches considered include ethnographic methods in anthropology and sociology, participant observation, interviewing, content analysis, the analysis and sampling of documentary evidence, comparative perspectives in historical research, oral and life histories, case studies in organisations, critical theory and post-positivism and the computer based analysis of qualitative data.

Teaching Arrangements: 12 sessions (MI421) of two hours in the Michaelmas and Lent Terms, starting in the sixth week of the Michaelmas Term.

Reading List: R. K. Yin, *Case Study Research* (1989); M. Hammersley & P. Atkinson, *Ethnography* (1983); A. Strauss, *Qualitative Analysis for Social Scientists* (1987); R. Tesch, *Qualitative Research; Analysis Types and Software Tools* (1990); D. Knoke & Kuklinski, *Network Analysis* (1983); J. Lofland, *Analyzing Social Settings* (1971); H. Becker, *Sociological Work* (1977); P. Thompson *The Voice of the Past* (1988); K. Plummer, *Documents of Life* (1983); N. Fielding, *Action and Structure: Research Methods and Social Theory* (1988); R. P. Weber, *Basic Content Analysis* (Sage, 1985); Krippendorff, *Content Analysis* (Sage, 1982).

MI422

Unstructured Interviewing

Teacher Responsible: Qualitative Research Unit members from Social and Community Planning Research (SCPR)

Course Intended Primarily for Research students undertaking projects in which qualitative interviews comprise a substantial component.

Core Syllabus: The aim of this course is to provide students with an intensive introduction to the skills and techniques required to conduct effective unstructured interviews.

Course Content: During this short course, students will be introduced to the objectives and purposes of interviewing as a means of collecting qualitative data, and will receive expert training in all aspects of interviewing skills and techniques. Students will develop their own interview topic guides in groups and undertake 'role-play' interviews under the supervision.

Teaching Arrangements: Three consecutive one-day sessions (to be arranged).

MI423

Computer Analysis of Qualitative Data

Teacher Responsible: Dr. M. Bauer, Room X27

Course Intended Primarily for Research Students undertaking projects in non-quantitative subject areas.

Core Syllabus: The course is intended to provide research students in non-quantitative subject areas with an appreciation of the computer-based tools available to assist in the analysis of qualitative data.

This aim is achieved via a workshop covering both basic and advanced aspects of the use of relevant software programmes. The course is offered by programme developers and/or users.

Course Content: While the content of the course varies in keeping with the facilities of the software programme(s) discussed, the following topics are typically addressed: (1) An overview of the qualitative analysis tools offered by the programme and programme facilities; (2) Practicum - following through the development cycle of a project using the facilities of the programme.

Pre-Requisites: Students are advised to attend MI421 (Qualitative Research Methods). As practical work is an integral part of this course, places are in general limited. On those occasions that the course is offered in the form of separate (introductory and advanced) workshops, priority for the advanced workshop will be given to experienced users of the software package(s) in question.

Teaching Arrangements: Course components ranging from a half-day to two days.

Reading List: Students are not required to undertake any reading, but may wish to familiarise themselves with the material covered in the relevant software manuals prior to attending the course.

Examination Arrangements: This course is non-examinable.

MI431

Philosophy of the Social Sciences

Teacher Responsible: Dr. Peter Urbach, Room A286

Course Intended Primarily for Research Students

Core Syllabus: Some of the main problems in the philosophy and methodology of the Social Sciences.

Course Content: How we learn from experience in science; some accounts of how hypotheses are confirmed by evidence (the accounts of Popper, Lakatos, Kuhn, and especially the Bayesian or probabilistic account); the problem of induction; the scientific status of sociological hypotheses and possible limitations on their predictive power; testing statistical hypotheses (a sceptical examination of significance tests and their supposed philosophical foundations); the nature of controlled experiments and how far they may be possible in the Social Sciences (5 lectures)

The sociology of scientific knowledge and practice: A brief history of developments in the sociology of science and theories of the 'social construction' of scientific knowledge; the institutional conditions for consensus formation and the stability of scientific practice; discovery, experimentation and replication; scientific expertise, credibility and validity (2 lectures)

Evolutionary models in the social sciences: What can we expect Darwinian theory to tell us about ourselves? Have recent developments in our understanding of Darwinian theory at last paved the way for more sophisticated studies of humans? (3 lectures)

Teaching Arrangements: Ten one-hour lectures (MI431), each followed by an informal discussion session, starting in the sixth week of the Michaelmas Term.

Reading List: LSE Quarterly, *The Scientific Status of Evolutionary Theories of Society* (1987); C. Howson & P. Urbach, *Scientific Reasoning: The Bayesian Approach*; T. S. Kuhn, *The Structure of Scientific Revolutions*; B. Barnes & D. Edge, *Science in Context* (1982); A. Pickering, *Science as Practice and Culture* (1992); M. Daly and M. Wilson, 'Homicide' (chapter 1); H. Cronin, *The Ant and the Peacock*.

Examination Arrangements: There is no examination for this course of lectures.

MI441

Seminar in Survey Methodology

Teacher Responsible: Colm O'Muircheartaigh, Room X25

Course Intended Primarily for Research students, Ph.D., M.Phil. and Research Fee students in all departments of the School.

Course Content: The course will provide a general introduction to the major areas of methodology for social surveys, and will also provide an introduction to some of the principal social surveys carried out in the UK. Recent developments in survey methodology will also be covered.

Pre-Requisites: None.

Teaching Arrangements: The seminar series will run for ten weeks in the Lent Term.

Examination Arrangements: There will be no formal assessment associated with the course.

MI442

MI9001

Introduction to Methods of Evaluation and Monitoring

Teachers Responsible: Dr. G. Wilson, Room A270 and Dr. M. Bauer, Room X27

Course Intended Primarily for Postgraduate students, mainly as an optional paper for the M.Sc. in Management.

Core Syllabus: The course is designed to give students a knowledge of the theory and methodology of research design, service evaluation and measurement of quality assurance. The first of two components, the course aims to introduce students to the basic ideas and skills in conducting evaluation research and monitoring quality.

Course Content: During the course, students will be introduced to the ideas and skills entailed in executing research in applied settings. The core topics will include: ethics and politics in the conduct of social research; concepts of validity and reliability; formulating a research question and basic research designs; introduction to descriptive statistics and the basic ideas of statistical estimation; the applications of qualitative methodologies; monitoring service provision; commissioning research. Examples will be drawn from a number of different disciplines (e.g., health, social work, medicine, education and psychology), and students will be required to offer examples from their own fields of study.

Pre-Requisites: There are no pre-requisites for this course.

Teaching Arrangements: Twelve lectures and twelve seminars (MI442), starting in the first week of the Michaelmas Term.

Reading List: T. D. Cook & D. T. Campbell, *Quasi-Experimentation: Design and Analysis Issues for Field Research* (1979); D. Dooley, *Social Research Methods* (1984); M. Hersen & A. S. Bellack, *Behavioural Assessment: A Practical Handbook* (1981); W. Holland (Ed.), *Evaluation of Health Care* (1983); A. D. Lowe (Ed.), *New Developments in Statistics for Psychology and the Social Sciences* (1986); M. Miles & A. M. Huberman, *Qualitative Data Analysis: A Source Book of New Methods* (1984); C. A. Moser, *Survey Methods in Social Investigation* (1985); R. Tesch, *Qualitative Research: Analysis Types and Software Tools* (1990); R. Sapsford & P. Abbott, *Research Methods for Nurses and the Caring Professions* (1992); G. Smith & C. Cantley, *Assessing Health Care: A Study in Organizational Evaluation* (1985); N. Schnieden & J. P. Walsworth-Bell, *Evaluating Health Services' Effectiveness* (1992); A. Strauss, *Qualitative Analysis for the Social Sciences* (1987); R. Walker, *Applied Qualitative Research* (1985).

Examination Arrangements: Students will be examined by a two-hour unseen written paper (MI9001). Candidates must answer three questions. In addition, they will submit one essay during the course. The examination will count as seventy per cent of the final mark and the essay as thirty.

MI443

MI9001

Methods of Evaluation, Monitoring and Quality Assurance

Teachers Responsible: Dr. G. Wilson, Room A270, Dr. M. Bauer, Room X27 and Dr. J. Dockrell

Course Intended Primarily for Postgraduate students, mainly as an optional paper for the M.Sc. in Management.

Core Syllabus: This course, which follows on from MI442, extends the depth and breadth of analysis of service evaluation, measurement and estimation of quality assurance. The syllabus will draw on case studies from a range of methodologies and subject groups.

Course Content: During the course, students will analyze evaluation techniques by in-depth examination of the underlying conceptual and theoretical bases. The sessions will offer an opportunity to gain understanding of the concepts by providing in-class activities which will allow students to apply principles to real evaluation problems. Examples will deal with the strengths and limitations of approaches and the appropriate tools for analyzing the data. The approaches considered will draw from: the use of controlled trials; single case studies and the analysis of time-series data; behavioural observation and the collection of behavioural data; computer-based analysis of qualitative data; questionnaire design; performance indicators; quality assurance and diagnostic assessment; quality of life measures; measurement of

economy, efficiency and effectiveness; meta-analysis.

Pre-Requisites: There are no pre-requisites for this course.

Teaching Arrangements: Twelve lectures and twelve seminars (MI443), starting in the third week of the Lent Term.

Reading List: T. D. Cook & D. T. Campbell, *Quasi-Experimentation: Design and Analysis Issues for Field Research* (1979); D. Dooley, *Social Research Methods* (1984); M. Hersen & A. S. Bellack, *Behavioural Assessment: A Practical Handbook* (1981); W. Holland (Ed.), *Evaluation of Health Care* (1983); A. D. Lowe (Ed.), *New Developments in Statistics for Psychology and the Social Sciences* (1986); M. Miles & A. M. Huberman, *Qualitative Data Analysis: A Source Book of New Methods* (1984); C. A. Moser, *Survey Methods in Social Investigation* (1985); R. Tesch, *Qualitative Research: Analysis Types and Software Tools* (1990); R. Sapsford & P. Abbott, *Research Methods for Nurses and the Caring Professions* (1992); G. Smith & C. Cantley, *Assessing Health Care: A Study in Organizational Evaluation* (1985); N. Schnieden & J. P. Walsworth-Bell, *Evaluating Health Services' Effectiveness* (1992); A. Strauss, *Qualitative Analysis for the Social Sciences* (1987); R. Walker, *Applied Qualitative Research* (1985).

Examination Arrangements: Students will be examined by a two-hour unseen written paper (MI9002). Candidates must answer three questions. In addition, students will submit a short project. The examination will count as seventy per cent of the final mark and the project as thirty.

MI445

Ethical and Legal Aspects of Social Research

Teachers Responsible: Professor Martin Bulmer, Dr. M. Bauer, Professor R. M. Farr, Room S303, Professor Roger Jowell, Professor D. Ruben, Room A212 and Mr. B. Sherman, Room A460

Core Syllabus: A short introduction for research students, particularly those conducting first hand empirical research, into ethical and legal aspects of social research.

Course Content: An examination of the main ethical and legal issues which may arise in the conduct of social research, presented in such a way as to give research students an awareness of their professional responsibilities as social scientists and knowledge of the available guidelines for sound practise and implications in their respective disciplines. Consideration is given to issues of privacy and confidentiality in research, informed consent, respect for subjects, the use of deception, copyright, ownership of data, the Data Protection Act, the attribution of ideas, intellectual property rights, the role of ethical committees, the constraints on the researcher involved in contract and consultancy work, the political context of research including the uses made of published research.

These issues will be examined in the course of six seminars dealing with (a) general ethical considera-

tions in social research (**Professor Bulmer**), (b) ethical issues in experimental research (**Professor Farr**); (c) ethical issues in survey research (**Professor Jowell**); (d) ethical issues in ethnographic research (e) legal issues in the conduct of social research (**Mr Sherman**) and (f) general ethical considerations and approaches (**Professor Ruben**).

Teaching Arrangements: Six two-hour seminars (MI445), starting in the first week of the Summer Term.

Reading List: I. Kant, *Grounding for the*

Metaphysics of Morals; P. Singer (Ed.), *Applied Ethics*; R. Homan, *The Ethics of Social Research*; J. A. Barnes, *Who Should Know What? Social Science, Privacy and Ethics*; R. M. Lee, *Doing Research on Sensitive Topics*; T. L. Beauchamp *et. al.* (Eds.), *Ethical Issues in Social Science Research*; M. Bulmer (Ed.), *Social Research Ethics*; A. M. Rivlin and P. M. Timpane (Eds.), *Ethical and Legal Issues of Social Experimentation*.

A fuller reading list with research references will be available at the first meeting.

ACCOUNTING AND FINANCE

A candidate must normally have obtained a first or upper second class honours degree in Accounting and Finance from a British university, or other degree accepted as equivalent for this purpose. Satisfactory performance in the M.Sc. degree in Accounting and Finance or International Accounting and Finance offered by the department may also meet the entrance requirements.

Advanced teaching in all aspects of accounting and finance is available within the department, which also maintains close links with the London Business School. Attendance on research training courses provided by the department and in other specified subjects is usually required during the course of study. Regular presentations of research results to special doctoral seminars held by the department are also required. Progress is regularly monitored by the departmental Postgraduate Assessment Review Panel as well as through normal supervisory mechanisms.

Course Guides

Ac158

Seminar on Current Developments in Accounting Research

Teacher Responsible: Dr. M. Power, Room E310 and others

Course Intended Primarily for research students in the Department of Accounting and Finance.

Teaching Arrangements: 30 meetings arranged by the Department.

Ac160

Seminar in Accounting Research Methods

Teacher Responsible: Dr. P. B. Miller, Room E311

Course Intended Primarily for research students in the Department of Accounting and Finance.

Teaching Arrangements: 30 meetings arranged by the Department.

Ac162

Issues in Accounting and Finance

Teachers Responsible: Mr. J. Dent, Room E307, Dr. M. Gietzmann, Room A309 and Professor M. Bromwich, Room A382

Course Intended Primarily for M.Sc. and research students.

Teaching Arrangements: 20 meetings Michaelmas and Lent Terms.

ANTHROPOLOGY

Students registered for the M.Phil./Ph.D. in Anthropology, must normally have obtained either an upper second class honours degree in social anthropology or a master's degree in social anthropology (passed at a high standard) from a UK university. Such students are required to follow a programme of course work. During the first year, they are required to attend the weekly fieldwork methodology seminar and the bi-monthly seminar on theoretical approaches to social anthropology. Students will normally be required to make oral and written presentations in these seminars. They must also complete a Research Proposal of 8,000 - 12,000 words by 1 May during the first year (if registered in October), or by another appropriate date. The Proposal will be examined within the Department and must be passed before a student will be allowed to begin fieldwork research.

Students registered without the above qualifications are required to follow course work during the first year; normally, they follow the same course as M.Sc. students in anthropology, attending four lecture courses and a weekly teaching seminar, and meeting regularly with a supervisor for whom they write essays. In June, they sit a Qualifying Examination, which normally consists of the three papers sat by M.Sc. students. If they pass this examination, they are required during their second year to attend the fieldwork methodology seminar and the theoretical approaches seminar and to write a Research Proposal as outlined above.

Lectures and Seminars

*Lecture/
Seminar
Number*

*Course Guide
Number*

- An500 **Seminar on Anthropological Theory**
Dr. H. Moore, Professor J. Parry and Dr. P. Loizos
- An501 **Field Research Seminar**
Dr. R. Astuti
- An503 **Thesis Writing Seminar**
Dr. J. Woodburn, Dr. J. Overing and Dr. A. Gell
- An504 **Intercollegiate Seminar**
- An505 **Part-time MSc teaching seminar**

Course Guides**An506****Theoretical Issues in Anthropology: Precepts and Practice I**

Teacher Responsible: Members of the Department
Course Intended Primarily for 1st Year M.Phil./Ph.D. prior to field-work.

Core Syllabus: Critique of core theories in anthropology including post-structuralist theory; theories of the person; theories of gender; theories in economic anthropology; the analysis of religion and ritual; such theoretical issues as are determined from time to time to be relevant to the course participants.

Course Content: Different members of the depart-

ment will present theoretical issues in anthropology linked to their research and to the interests of the research students. The course will not only cover a wide range of theoretical issues but it will also serve to introduce to the students the research done in the department.

Pre-Requisites: Admitted to the M.Phil./Ph.D. programme.

Teaching Arrangements: 4 seminars Michaelmas, 4 Lent, 2 Summer.

Written Work: Students are expected to prepare discussion material for presentation in the classes.

Reading List: Appropriate readings will be given during the course.

Examination Arrangements: This is a non-examinable course.

An507**Theoretical Issues in Anthropology: Precepts and Practice 2**

Teachers Responsible: Dr. F. Cannell, Room A616 and Dr. A. Gell, Room A609

Course Intended Primarily for 3rd/4th year M.Phil./Ph.D. students post-fieldwork.

Core Syllabus: Recent theoretical developments in anthropology and the social sciences.

Course Content: The course will examine key theoretical concepts and approaches in anthropology. It will focus on a number of areas, including post-struc-

turalist and post-modernist theory; theories of the person and the body; theories of gender; theories of social change; theories of distribution and consumption; theories of religion and ritual; and such theoretical issues as are determined from time to time to be relevant to the course participants.

Pre-Requisites: Registered for the M.Phil./Ph.D. degree and in the process of writing a doctorate.

Teaching Arrangements: 4 Seminars Michaelmas, 4 Lent, 2 Summer.

Reading List: To be announced.

Examination Arrangements: This is a non-examinable course.

ECONOMICS

The M.Phil./Ph.D. programme in Economics for full-time students has the goal of facilitating the transition from M.Sc. work to active research. Special attention is devoted to finding a suitable research topic and formulating an effective research strategy. Every student is expected to produce a "chapter" of written material in the first year. Students are encouraged to discuss their work with several members of staff as part of the process of settling with a suitable supervisor.

The core of the work in the first year is the Seminar in Research Strategy. Students give short presentations of possible research ideas. The Seminar aims to be supportive of new ideas, and also critical enough to discourage unproductive approaches. All students also attend the course Topics in Economic Analysis in the first year, where six well known researchers provide a wide range of examples of currently attractive lines of enquiry. In addition students take one other course suited to their research interests which is agreed with the Department.

All students are appraised at the end of the first year on the basis of seminar performance, the supervisor's report, and examination grades in the Topics course and the elective course. Part-time students follow the same programme, but with some of the elements spread over two years.

In the second and subsequent years, students attend the Seminar for Research Students in Economics. Some students complete in the minimum two-year period, and every effort is made in the programme to encourage rapid completion of a thesis of a high standard.

Lecture/
Seminar
Number

Course Guide
Number

- | | | |
|-----------------------------------|--|--------|
| 1. | Topics in Economic Analysis | Ec2495 |
| 2. | Normally a paper from the MSc in Economics to be approved by the Department
In addition, students will be required to participate in the following: | |
| 3. | Seminar in Research Strategy | Ec411 |
| Second and Subsequent Year | | |
| 4. | Seminar for research students in Economics | Ec412 |

Course Guides

Ec2495

Topics in Economic Analysis

Teacher Responsible: Mr. M. Steuer, Room S183
Course Intended Primarily for M.Phil. or Ph.D. students in Economics.

Core Syllabus: The aim of the course is to cover recent development in Economic Analysis, both theoretical and applied; with the particular aim of suggesting areas for fruitful research.

Teaching Arrangements: There will be six units, each consisting of ten hours of lectures comprising the course **Topics in Economic Analysis** (Ec410).

Reading List: A separate reading list will be supplied for each section at the time of the course.

Examination Arrangements: There will be a three hour examination. The paper will be in six sections, and candidates will be expected to answer four questions, drawn from at least two sections.

Ec411

Seminar in Research Strategy

Teachers Responsible: Mr. M. Steuer, Room S183 and Dr. D. Quah, Room S479

Course Intended for M.Phil. students in Economics.

Core Syllabus: The basic purpose of the seminar is to present and discuss work which bears on the problems of selecting and defining research topics, and work which bears on the successful execution of

Ec412

Seminar for Research Students in Economics

Teachers Responsible: Mr. M. Steuer, Room S183 and Professor A Venables, Room S278

Course Intended for M.Phil. or Ph.D. students in Economics in the second and later years.

Core Syllabus: This seminar provides a forum for research students in economics beyond the first year to present their work. Outside speakers are also invited from time to time.

Teaching Arrangements: The seminar weekly throughout the academic year.

economic research. The approach is informal. Presentations may be short or long depending on the state of progress and the issues raised. The majority of the papers consists of students' research work at the initial stage.

Teaching Arrangements: Seminars (Ec411). 25 hours, Sessional.

ECONOMIC HISTORY

Numerous courses and seminars are available to assist students in the preparation of their thesis. Economic history research students are required to attend certain of these courses and seminars and are recommended to attend others. The unparalleled range of research seminars and support courses available at LSE, and at other London colleges and institutes nearby, is one of the Department's main strengths.

Courses: New research students in the Department are normally required to take the first term of the M.Sc. course EH2616 Economic History: Interpretation and Analysis (Drs. Howlett, Johnson, and Morgan) which examines how simple statistical techniques and inference procedures can be of use in the study of economic history and proceeds to examine more complex statistical and historical problems. It also offers 'hands-on' computer experience. Students with already well-developed quantitative skills attend more advanced courses in the Economics or Statistics Departments. First year research students also attend course EH151 Approaches to Economic and Social History, which provides an introduction to a variety of research methodologies. All research students participate in the weekly Thesis Workshop in Economic History in which papers are presented by current research students, staff and visiting speakers. New research students will find useful the introductory course MI400 Introduction to Study for the M.Phil., and may be required to attend a further course of study as directed by their supervisors. In addition a useful one-week introductory course on London-based Sources for Economic and Social History, sponsored by the ESRC, is held annually at the Institute of Historical Research at the beginning of the Michaelmas Term.

Course Guides

EH138

The Economic and Social History of Pre-Industrial England

Teacher Responsible: Dr. Peter Earle and others.
Course Intended Primarily for Research students.
Teaching Arrangements: Fortnightly seminars (EH138), Michaelmas, Lent and Summer Terms, at the Institute of Historical Research.

EH139

Seminar on Modern Economic History

Teacher Responsible: Professor T. C. Barker, Room C522
Course Intended Primarily for Research students.
Core Syllabus: The course deals with the period from the Industrial Revolution to the present.
Teaching Arrangements: Fortnightly seminars (EH139), in the Michaelmas and Lent Terms, at the Institute of Historical Research. Programmes are issued shortly before the beginning of the Michaelmas and Lent Terms to existing seminar members and to those who contact the secretary in Room C419.

EH140

Problems in European Economic History

Teachers Responsible: Professor Alan Milward, Room C420 and Professor P. O'Brien, Institute of Historical Research
Course Intended Primarily for Research students at all levels.
Core Syllabus: The seminar is intended to introduce graduate students to a range of controversies across the whole field of European economic history and so discuss research methods by which they might be resolved.
Teaching Arrangements: Fortnightly seminars at the Institute of Historical Research. Programmes are issued shortly before the beginning of each term to existing seminar members and to those who contact the secretary in Room C419.

EH143

Quantitative Economic History Discussion Group

Teachers Responsible: Mr. D. Baines, Room C414
Course Intended Primarily for interested staff and students.
Teaching Arrangements: Fortnightly seminars (EH143), Sessional. A programme of speakers is

issued at the beginning of the Michaelmas and Lent Terms and, if necessary, at the beginning of the Summer Term.

EH151

Approaches to Economic and Social History

Teacher Responsible: Dr. Janet Hunter, Room C313 and other members of the Department.
Course Intended for Research Students in the Department of Economic History. There is a formal attendance requirement for 1st year M.Phil. students.
Teaching Arrangements: Weekly one and a half hour seminars (EH151) during the Michaelmas and Lent Terms, during which members of the Department will give a talk, to be followed by group discussion. The term programme will be issued at the beginning of the Michaelmas Term.
Examination Arrangements: Assessment is by a 3,000 word essay on a topic to be nominated during the course.

EH152

Seminar in Modern Social History

Teacher Responsible: Dr. Paul Johnson, Room C413 and others

Course Intended Primarily for Research Students.
Core Syllabus: The seminar provides a forum for the discussion of recent research in nineteenth and twentieth-century social history.
Teaching Arrangements: Fortnightly seminars (EH152) at the Institute of Historical Research.

EH153

Thesis Workshop in Economic History

Teacher Responsible: Mr. Dudley Baines, Room C414 and Dr. Paul Johnson, Room C413
Course Intended Primarily for M.Phil., Ph.D. and Research Fee students. There is a formal attendance requirement for M.Phil./Ph.D. students in the Department of Economic History and for M.Phil. students in receipt of Research Council grants.
Core Syllabus: The course is intended to provide a comparative study of research techniques in current economic history research in all fields exemplified by research currently being conducted by staff and students in the Department. Its primary purpose is research training.
Teaching Arrangements: 2-hours Weekly.
Examination Arrangements: This course is not examined but all first year M.Phil. and Ph.D. candidates must present papers for discussion and reports are made to Research Councils etc. on the basis of their work. It is intended to provide a forum for those writing theses to discuss their research.

GEOGRAPHY

Course Guides

Gy406

Geographical Project Seminar

Teachers Responsible: Dr. A.C. Pratt, Room S506B

Course Intended Primarily for Geography Research Students (M.Phil. and Ph.D.).

Core Syllabus: Presentations by research students of aspects of their own research, stressing problems of theory methodology and techniques. All students attending this course will be required to present their own research.

Teaching Arrangements: 15 (1½ hour) seminars (Gy406) (alternate weeks) in the Michaelmas, Lent and Summer Terms.

Examination Arrangements: This course is non-examinable.

Gy407

Geographical Research Seminar

Teachers Responsible: Dr. A. C. Pratt, Room S506B

Course Intended Primarily for M.Sc. and M.Phil. and Ph.D. Geography; M.Sc. and M.Phil. Ph.D. Regional and Urban Planning Studies.

Core Syllabus: Presentations by speakers normally from outside the Department on aspects of their own research.

Teaching Arrangements: 19 (1½ hour) seminars (Gy407) in the Michaelmas and Lent Terms.

Examination Arrangements: This course is non-examinable.

Gy453

Environmental Research Seminar

Teacher Responsible: Dr. Y. J. Rydin, Room S413

Course Intended Primarily for M.Phil./Ph.D. students undertaking work on environmental topics in any Department or Institute.

Core Syllabus: The seminar will focus on a set of issues or problems selected by the students attending.

Teaching Arrangements: One meeting per month throughout the session, or as agreed by the participants.

Examination Arrangements: The course is non-examinable.

Gy2802

Geographical Methodologies and Research Techniques

Teacher Responsible: Dr. A. C. Pratt, Room S506B

Course Intended Primarily for M.Sc. Geography students and M.Phil. Geography students in their first year of registration.

Core Syllabus: Philosophy, theory and method in human geography; an exploration of alternative perspectives and their implications for geographical research practice.

Course Content: The course will comprise three elements: (a) Philosophy & Methodology in Human Geography the study of geographical concepts and alternative theoretical approaches; (b) Research Design and Structure: alternative models of the research process in geography making use of case-study material; (c) Information Management: the use of information technology to manipulate information and to present it graphically; the use of Geographical Information Systems.

Teaching Arrangements:

Ten two-hour seminars (Gy400) in the Michaelmas and Lent Terms (alternate weeks).

Further independent study in methodology and techniques as directed by the teacher responsible in preparation for writing the M.Sc. essay paper. Students are required to carry out directed reading in preparation for seminars. All M.Sc. students in geography are expected to attend Gy407 which is not examinable. All M.Phil. students are expected to attend both Gy406 and Gy407 which are not examinable.

Gy406 Geographical Project Seminar 15 x 2 hours Michaelmas Term, Lent Term and Summer Term.

Gy407 Geographical Research Seminar 19 x 2 hours Michaelmas and Lent Terms.

Reading List: P. Cloke, C. Philo & D. Sadler, *Approaching Human Geography*, 1991; J. Eyles (Ed.), *Research in Human Geography*, 1988; R. Johnston, *Philosophy and Human Geography*, 1986; R. Johnston, D. Gregory & D. Smith (Eds.), *Dictionary of Human Geography* (3rd edition), 1993; E. Kane, *Doing Your Own Research*, 1985; D. Massey & R. Meegan, *Politics and Method*, 1985; R. Peet & N. Thrift (Eds.), *New Models in Human Geography*, (Vols. 1 & 2), 1989; E. Phillips & D. Pugh, *How To Get A PhD*, 1987.

Examination Arrangements: M.Sc. and M.Phil. candidates prepare a paper of 1,500 words for the end of March. For M.Sc. candidates this counts as 25% of the long essay; For M.Phil. candidates this paper contributes to the end of first year review.

The attention of M.Phil./Ph.D. students is also directed to courses: Gy2822, Gy2828, Gy2830 and Gy2836 details of which are to be found under the Masters Degree Programme (See pages ??).

GOVERNMENT

Research at the M.Phil. level and beyond cannot be reduced to a formula, but all first-year students at this level in the Government Department are required to attend the Doctoral Programme seminar which is concerned with fundamental intellectual issues, techniques of research, and skills of presentation in political science. Where relevant they will be required to follow the Skills Programme, organised by Dr. Schonhardt-Bailey and concerned with the use of computers in research, statistical techniques, and the use of data analysis in political science and public policy.

Course Guides

Gv500

Doctoral Programme Seminar

Teacher Responsible: Mr. John Madeley

Course Intended Primarily for M.Phil. and Ph.D. students in Government.

Course Content: This course of seminars and workshops is designed to give research students in all branches of Government an opportunity to discuss with a large number of staff participants their ways of working, common problems of thesis work in politics, research methods, methodological and practical difficulties of research, and major intellectual currents in contemporary political science.

Students will be encouraged to discuss the distinctive problems of their own topics and available solutions. All first year research students are required to attend, but more advanced students are also very welcome.

Teaching Arrangements: 22 Seminars, weekly, Michaelmas, Lent and Summer Terms.

The following associated courses are strongly recommended for all students to whom they are relevant.

As part of this course students are required to attend GC550 **Drafting and Writing a Ph.D. Thesis** in the second half of the Lent Term.

MI408 **Skills Programme** is also relevant for students with empirical topics.

Assessment Arrangements: Attendance at this course is a pre-requisite for first-year research students to progress to their second year. All students

are required to give a presentation outlining their research to the seminar.

Gv501

Doctoral Workshop: Political Theory

Teacher Responsible: Mr. John Charvet

Course restricted to second and subsequent year research students in Government.

Course Content: An opportunity for students to present chapters or papers related to their current research.

Teaching Arrangements: 12 two hour seminars held fortnightly Michaelmas, Lent, Summer Terms.

Gv502

Doctoral Workshop: Political Institutions and Policies

Teacher Responsible: Mr. John Madeley

Course restricted to second and subsequent year research students in Government.

Course Content: An opportunity for students to present chapters or papers related to their current research.

Teaching Arrangements: 12 two hour seminars held fortnightly in Michaelmas, Lent and Summer Terms.

INDUSTRIAL RELATIONS**Course Guides**

Id119

**Industrial Relations Research Forum
(Seminar)**

Teacher Responsible: Dr. R. Richardson, Room H711

Course Intended Primarily for research students in Industrial Relations.

Teaching Arrangements: Seminars; (Id119), Sessional.

Examination Arrangements: None.

Id121

**Research Methods for Industrial
Relations**

See page 698.

INFORMATION SYSTEMS

M.Phil./Ph.D. students will normally follow a structured programme. The goal of the programme is to facilitate the transition from M.Sc. work to active research by incorporating an element of directed course work in the first year. In addition to course work, participation in research training is required in the first year of work towards the M.Phil/Ph.D.

The course work in the first year has four elements, two courses and two seminars. The courses normally are Information and one other course suited to the students research interests to be agreed individually with the Department. The seminars are one in Research and Study Methods in Information Systems and one in which research material is presented and discussed. In order to proceed to research in subsequent years students must pass examinations in their two courses and show progress with their research.

The first examination will consist of *two* papers as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Course Guide Number</i>
1	Information	IS8321
2.	Normally a paper from M.Sc. in Analysis, Design and Information Systems to be approved by the Department	

In addition, students will be required to participate in the following:

3.	Research and Study Methods in Information Systems	IS398
4.	Research in Information Systems	IS384

INTERNATIONAL HISTORY

Students registered for the M.Phil. in International History are required in their first year of registration to attend the appropriate lectures and seminars offered by the Methodology Institute.

All research students (both M.Phil. and Ph.D.), regardless of year, are expected to attend at least one of the research seminars offered in the Department or at the Institute of Historical Research. Internally run research seminars include International History since 1919 and the student-run Tuesday Club. All research supervisors in the Department are closely involved in the running of seminars at the Institute of Historical Research.

On being admitted to the School to read for a research degree, all research students are formally registered for an M.Phil. Sometime in the second year (or third year, if registered on a part-time basis) recommendation would normally be made for transfer from the M.Phil. to the Ph.D. A favourable recommendation will depend on a successful departmental review. This review is designed to establish two things: capacity to meet the requirements for a Ph.D., and the suitability of the chosen research topic for a doctoral dissertation.

The review is based on written work to be submitted by the middle of the next Michalemas Term. The work will consist of two items: a 'justification' of the research topic and an extended essay on an aspect of the research topic.

The 'justification' should do three things:

- give a survey of the literature, which places the research topic within the existing historiography
- indicate the range of primary sources, published and unpublished, available for the research topic
- sketch the shape and scope of the thesis and highlight, above all, what is original in the topic and the approach.

The **extended essay** should consist of a draft chapter of the dissertation, if at that stage; alternatively, an extended essay on an aspect of the topic will be acceptable.

The 'justification' should be about 2,500 words in length, and the extended essay not more than 10,000. Both should be typewritten. Pains should be taken to write clearly and to document work with proper references. There should be careful consultation with the supervisor at every stage in its preparation.

The supervisor will read and report on this written work, as will another member of the department. These reports will be submitted to the convener. The decision in the departmental review will take both reports into account, as well as the student's general progress. The result will be communicated by the convener to the Graduate School. The student will be informed of the outcome of the review early in the Lent Term.

Lectures and Seminars

*Lecture/
Seminar
Number*

*Course Guide
Number*

- | | |
|-------|--|
| Hy251 | European History, 1500-1800 - Research Seminars
Dr. M. Rodriguez-Salgado |
| Hy252 | Earlier Middle Ages - Research Seminars
Mr. J. Gillingham |
| Hy253 | Sources and Methods in Early Modern History (Seminar)
Dr. D. Starkey |

*Lecture/
Seminar
Number*

*Course Guide
Number*

- | | |
|--------|--|
| Hy 254 | International History, 1815-1919 (Seminar)
<i>(Not available 1994-95)</i>
Dr. A. Sked |
| Hy255 | International History since 1919 - Research Seminars
Dr. R. Boyce and others |
| Hy 257 | Parliaments, Representation and Society (Seminar)
Dr. D. Starkey |
| Hy258 | History of Contemporary Spain (Seminar)
Professor P. Preston and others |

INTERNATIONAL RELATIONS

Students registered for the M.Phil. in International Relations are required to attend the Research Methods Seminar in their first year of registration. All research students (both M.Phil. and Ph.D.) regardless of year are expected to attend at least one of the subject workshops offered by the Department. These include international political economy, foreign policy analysis, security policy, international organisation and concepts and methods. Research students are also expected to attend the General Seminar of the Department.

The Department also encourages all research students to attend the weekly Editorial Board meetings of *Millennium: Journal of International Studies*, the International Relations Department student-run journal.

In addition to being subject to bi-annual reports by supervisors, every research student registered in the Department meets towards the end of each Summer Term with a panel comprising three members of the academic staff. This panel normally includes the student's supervisor. Its purposes are, broadly speaking, to review progress made since the student's admission or previous interview with a research panel; to offer guidance to the student and the supervisor from other teachers, as the thesis takes shape; and, by demonstrating in a systematic way the Department's interest in all its research students, to reduce any sense of intellectual and social isolation which may be experienced by those whose research ploughs a lone furrow.

Since 1987, a senior member of Department has served as Research Students' Tutor, a post with overall responsibility for research students.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
IR154	International Political Economy Workshop Dr. G. Sen	TBA	IR154
IR165	Philosophy and International Relations Workshop Dr. H. Krombach	12/LS	IR165
IR180	International Relations Seminar for Staff and Research Students Professor J. Mayall	15/ML	IR180; IR182
IR181	International Relations Research Methods Training Seminar Mr. M. B. Yahuda	18/ML	IR181
IR182	International Political Theory Seminar Mr. M. Donelan	2/ML	IR182; IR180
IR183	Interacting Aspects of Security Policy Workshop Dr. H. Krombach	15/MLS	IR183
IR185	Foreign Policy Issues Workshop Professor C. J. Hill and Dr. M. Light	15/MLS	IR185

<i>Lecture/ Seminar Number</i>			<i>Course Guide Number</i>
IR190	International Organisation and Regimes Research Seminar Mr. R. Barston	6/ML	IR190
IR191	Africa Research Workshop Professor J. B. L. Mayall	13/MLS	IR191
IR200	Modernity and International Theory Research Seminar Mr. M. Hoffman and Dr. J. Rosenberg	24/MLS	IR200
IR201	Postmodernism and International Relations Research Workshop Mr. M. Hoffman	9/MLS	IR201

Course Guides

Pre-Requisites: None
Written Work: None.

IR154**International Political Economy Workshop**

Teacher Responsible: Dr. Gautam Sen, Room A138

Course Intended Primarily for research students.

Teaching Arrangements: The workshop will meet on a weekly or fortnightly basis during the Michaelmas and Lent Terms.

IR165**Philosophy and International Relations Workshop**

Teacher Responsible: Dr. H. Krombach

Course Intended Primarily for research and M.Sc. students by invitation.

Teaching Arrangements: The workshop will meet on a weekly basis during the Lent/Summer Terms, Monday 11 am-1 pm.

Course Method: The course will concentrate on the close interpretive reading of primary philosophical texts, which will be distributed in advance. The sources will include ancient, medieval and modern thinkers.

Course Content: If the question 'what is it to be human?' is entrusted to the thinking of philosophy, the problems of international relations can no longer be adequately understood theoretically or dealt with in merely practical terms without recourse to the philosophical reflection of their historical and conceptual context. It is therefore the need of philosophy, as a social task and responsibility, to explore the conditions and justifications of thinking about the concerns of the modern life-world.

IR180**International Relations Seminar for Staff and Research Students**

Staff Member Responsible: Professor James Mayall, Room A234

Course Intended Primarily for staff and research students.

Teaching Arrangements: 15 weeks, 5 Michaelmas Term and 10 Lent Term. The seminar will be organised around the theme "International Society After the Cold War - theoretical and practical aspects".

IR181**International Relations Research Methods Training Seminar**

Teacher Responsible: Mr. M. Yahuda, Room A230

Course Intended Primarily for first-year research students.

Course Content: This course provides a basic research training to familiarise students with the academic skills relevant to undertaking a research degree in International Relations. The history and evolution of International Relations as an academic discipline will be examined together with attendant theories and research methods. The principal concerns of contemporary research in the main branches of International Relations will be addressed. The principles of good research design and the problems in drafting and writing a Ph.D. will also be carefully considered.

In addition, students will be introduced to the main research libraries relevant to International Relations

in London. All students not already familiar with IBM PCs should register on the Computer Service induction courses early in the Michaelmas Term and complete the session on 'Introduction to PCs' and also WordPerfect. Students are advised to attend School-based inter-disciplinary seminars on basic statistical techniques, compiling surveys and conducting 'elite' interviews and any other relevant courses offered by the Methodology Institute.

Teaching Arrangements: The course will consist of 18 seminars in Michaelmas and Lent Terms. In addition, all students must participate in at least one of the department's several workshops where staff and research students present preliminary papers and discuss common problems of current research. Details of individual meetings and suggested readings will be provided at the beginning of the course.

IR182

International Political Theory Seminar

Teacher Responsible: Mr. M. D. Donelan, Room A135

Course Intended Primarily for staff and for interested research students by invitation.

Teaching Arrangements: Two one-day seminars Michaelmas and Lent Terms, to be arranged. Interested students should also attend the International Relations Staff and Research Students Seminar (IR180) on a weekly basis.

IR183

Interacting Aspects of Security Policy Workshop

Teacher Responsible: Dr. H. Krombach

Course Intended Primarily for research students.

Teaching Arrangements: The workshop will meet either weekly or fortnightly by arrangement during Michaelmas, Lent and Summer Terms, Tuesday 4-5.30 pm, and provide for the presentation of papers on themes and issues in international security. Specific arrangements will be made between staff and interested students during the Michaelmas Term.

IR185

Foreign Policy Issues Workshop

Teachers Responsible: Professor C. J. Hill, Room A232 and Dr. M. Light, Room A39

Course Intended Primarily for research students. All those working in the general area of foreign policy studies in the International Relations Department should attend. Others who may wish to attend should contact the course organisers in person.

Teaching Arrangements: Fifteen meetings, Michaelmas, Lent and Summer Terms.

IR190

International Organisation and Regimes Research Seminar

Teacher Responsible: Mr. R. Barston, Room A140

Course Intended Primarily for academic staff and research students.

Core Syllabus: The purpose of this Research Seminar is to enable research students and staff with interests in International Organisation and Regimes, whether global or regional, to share their ideas and findings and gain mutual encouragement through regular meetings.

Pre-Requisites: None.

Teaching Arrangements: Six meetings, Michaelmas and Lent Terms.

Written Work: None.

Reading List: None.

IR191

Africa Research Workshop

Teacher Responsible: Professor J. Mayall, Room A234

Course Intended Primarily for all interested research students.

Teaching Arrangements: Specific arrangements will be made between staff and students during the Michaelmas Term.

IR200

Modernity and International Theory Research Seminar

Teachers Responsible: Mr. M. Hoffman, Room A236 and Dr. J. Rosenberg, Room A40

Course Intended Primarily for all interested research students. The purpose of this seminar is to enable research students to present papers and share ideas on issues, themes and topics arising in recent developments in international theory (for example, but not limited to, critical theory, postmodernism, historical sociology, feminism).

Teaching Arrangements: The research seminar will meet for two hours on a weekly basis. An organised course of readings in the Michaelmas Term will be followed by student presentations in the Lent and Summer Terms.

Pre-Requisites: Students are expected to participate in **Concepts and Methods of International Relations** (IR4621) in their first year of research. Students are also expected to attend the lectures for **Modernity and International Relations** (IR198).

IR201

Postmodernism and International Relations Research Workshop

Teacher Responsible: Mr. Mark Hoffman, Room A236

Course Intended Primarily for all interested research students. The workshop will provide a forum in which to read and discuss postmodern, critical theory and feminist texts in International Relations.

Teaching Arrangements: The workshop will meet three times a term for two hours. Readings will be organised at the beginning of the Michaelmas Term.

PHILOSOPHY

MPhil/PhD by thesis

Students studying for this M.Phil./Ph.D. degree in Philosophy will, except in exceptional circumstances, follow a structured course-work programme in their first year and attend at least two seminars. At the end of their first year they must also sit two of the Department's M.Sc. papers and submit by the end of the Summer Term a dissertation on an approved topic of about 5,000 words, but more than 10,000 words. Students will not normally be permitted to proceed to the research stage of study without having passed these examinations and obtained a satisfactory mark for their dissertation. Students will be considered for transfer to the Ph.D. within the following year. The decision shall be made by the Department in the light of part of the student's thesis, with more than one member of the Department reading that draft. The decision about promotion for students who have the two-year M.Phil. will be made on the basis of their performance in that degree.

A traditional M.Phil./Ph.D. without course-work is available only at the Department's discretion.

All students are encouraged to attend the *Introduction to Study for the M.Phil. and Ph.D.* and, at an appropriate stage of their research, the course on *Drafting and Writing a Ph.D. Thesis*. Students whose work involves any empirical research are also advised to attend the course on *Research Design and Data Collection*.

M.Phil. by examination and thesis

The School accepts students for the University of London M.Phil. in Philosophy. This is a full-time two-year course of study (the degree can also be taken part time), requirements for which include both a thesis and three examinations.

The main regulations are summarised below:

(1) Candidates for the M.Phil. degree in Philosophy must submit a thesis and be examined orally. The thesis should normally be between 25,000 and 30,000 words, and must be submitted by 30 April of the second year of study.

(2) Candidates for the M.Phil. sit three written papers in May of the second year of study as follows:

Paper 1: a paper on a particular philosopher (e.g., Francis Bacon), or some approved portion of his work, or on a school of philosophy (e.g., the British Empiricists), chosen by the candidate and approved by the University. The candidate must normally submit his choice of topic for approval within six months of registration for the degree.

Papers 2 and 3: *Two* papers chosen from the following list:

- (a) Logic and Metaphysics
- (b) Epistemology and Methodology
- (c) Mathematical Logic
- (d) Philosophy of Science
- (e) Philosophy of Mathematics
- (f) Philosophical Foundations of Physics
- (g) Philosophy of the Social Sciences

Alternatively, candidates may be allowed, with the approval of the University, to take either one or both of these papers on subjects approved by the School but not included in the above list. Candidates may, subject to the approval of the School, substitute for Paper 1 three essays done in their own time on subjects from the field covered by the paper. The essays should normally be of up to 2500 words each.

The oral examination prescribed in (1) above may include questions both on the candidate's thesis and about his answers to the three written papers or to the two written papers and the three short essays.

Although students are encouraged to attend relevant lectures and seminars, at the School and elsewhere in the University, the main tuition for this degree is by fortnightly individual tutorial at the School. At the beginning of his course of study, the Department establishes,

for each candidate, a tutorial programme for the two years, which will prepare the candidate to sit the papers of his choice.

The examinations will take place once in each year, commencing on the fourth Monday in May (unless that day be Spring Bank Holiday, when the examination will commence on the Tuesday).

Course Guides

Two-year M.Phil. and M.Phil./Ph.D. students must participate in at least 2 seminars, apart from Ph120, in each of the Michaelmas and Lent terms.

Ph120

The Philosophy Department Seminar

Teacher Responsible: Dr. C. Howson, Room A209
Course Content: A fortnightly seminar series open to all staff and students of the Philosophy Department, in which either department members or outside visitors give papers on their current research.
Teaching Arrangements: 13 seminars (Ph120), Sessional.

Ph132

Research Students Thesis Reading Seminar

Teacher Responsible: Professor T. Honderich, University College
Course Intended for all philosophy research students.
Course Content: The course will consist of papers given by research students.
Teaching Arrangements: Twenty-six 1.5 hour seminars, sessional, taught by Professor T. Honderich, Professor R. M. Sainsbury and Professor David-Hillel Ruben at University College in Professor Honderich's room.

Ph133

Seminar in Scientific Method

Teacher Responsible: Professor D. Papineau, King's College
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: To be advised at beginning of course.

Teaching Arrangements: Twenty two-hour seminars. Students are advised to attend Ph6200 if the material has not been covered before.
Reading: To be advised at beginning of course.

Ph134

Seminar in Philosophy of the Social Sciences

Teacher Responsible: Dr. T. Uebel, Room A212
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: Topics for discussion will be selected from among the following and other suitable topics arising out of the interests of participants: problems of interpretivism; value-freedom in social science; action theory; evolutionary theory and social science. Explanation in natural and social sciences.
Teaching Arrangements: Ten 1.5 hour seminars.
Reading: I. C. Hempel "Explanation in Science and in History" in *Explanation*, edited by D.-H. Ruben; W. Dray, "Historical Explanation of Action Reconsidered" in *Philosophy of History* edited by P. Gardiner; F. Ruiger, "Causal Analysis in Historical Reasoning" in *History and Theory* (1989); D.-H. Ruben, "Singular Explanation in Social Science" in *Midwest Studies in Philosophy* (1990); C. Taylor, "Interpretation and the Sciences of Man" in *Review of Metaphysics* (1971); H. Longino, *Science as Social Knowledge*; J. Bishop, *Natural Agency*; see also reading for Ph5251.

Ph135

Seminar in Philosophy of Economics

Teachers Responsible: Professor N. Cartwright, Room A212 and Mr. M. Steuer, Room S183
Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.
Course Content: Topics include: idealization in economics, the nature of economic law, the requirement for micro foundations, the Austrian School, expectations as causal factors.
Teaching Arrangements: 10 sessions in the philosophy of economics.
Reading: S. Krupp, *The Structure of Economic Science*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; D. Hausman, *The Philosophy of Economics* and *The Separate and Inexact Science of Economics*; B. Bateman & J. Davis, *Keynes and Philosophy*.

Ph136

Seminar in Philosophy of Physics

Teachers Responsible: Professor N. Cartwright, Room A212 and Dr. J. Worrall, Room A212

Course Primarily Intended for M.Sc. students. M.Phil./Ph.D. students are also welcome to attend.

Course Content: Topics in the philosophy and history of modern science, with special emphasis on quantum mechanics. Topics to be chosen by seminar participants.

Teaching Arrangements: Twenty two-hour sessions. Students are advised to attend Ph6212, if they have not covered the material before.

Ph137

Research Methods in Philosophy (I)

Teacher Responsible: Dr. T. Uebel, Room A211

Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.

Course Content: An investigation of the social nature of knowledge.

Teaching Arrangements: Ten 2-hour seminars in the Lent Term.

Reading: H. Koonlith (Ed.), *Naturalizing Epistemology*; A. Goldman *Epistemology and Cognition*; F. F. Schmitt (Ed.), "Social Epistemology" *Synthese* (1987); I. Hrouszky, M. Feler & B. Dajka (Eds.), *Scientific Knowledge Socialized*; J. R. Brown (Ed.), *Scientific Rationality: The Sociological Turn*; H. Longino, *Science as Social Knowledge*; S. Schaffer, "Self Evidence" and "Babbage's Intelligence" in *Critical Inquiry* (1992 and 1994).

Ph138

Research Methods in Philosophy (II)

Teacher Responsible: Dr. J. Worrall, Room A212

Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.

Course Content: Some central research topics from the contemporary philosophy of science literature, including (1) confirmation theory; (2) naturalised philosophy of science; (3) causality and causal models in science, medicine and social science.

Teaching Arrangements: Ten two-hour seminars in the Lent Term.

Reading:

1. Relevant sections of C. Howson & P. Urbach: *Scientific Reasoning: The Bayesian Approach*; of P. Achinstein: *Particles and Waves*; of E. Zahar: *Einstein's Revolution*, and of J. Earman: *Bayes or Bust?*; J. Worrall "Scientific Discovery and Theory-Confirmation"; D. Mayo "Novel Evidence and Severe Tests", *Philosophy of Science*, December 1991.

2. L. Laudan *Science and Values* and "Normative Naturalism"; J. Worrall "Feyerabend and the Facts";

P. Kitcher, *The Advancement of Science*.

3. Ellery Eells *Probabilistic Causality*.

(Copies of papers will be made available.)

Ph139

Research Methods in Philosophy III (Economics)

Teachers Responsible: Professor N. Cartwright, Room A212 and Mr. M. Steuer, Room S183

Course Intended for M.Sc. and M.Phil./Ph.D. students.

Course Content: Seminars in philosophical problems in economics. Topics to be chosen by seminar participants.

Teaching Arrangements: 16 two-hour seminars MLS.

Reading: Readings will be advised prior to seminars.

Ph140

Research Methods in Philosophy IV

Teacher Responsible: Dr. H. Cronin, Room A212

Course Primarily Intended for M.Phil./Ph.D. students. M.Sc. students are also welcome to attend.

Course Content: What can Darwinian theory offer to the human sciences? We shall examine both the problems and the promise of an evolutionary understanding of ourselves.

Readings: J. H. Barkow, L. Cosmides & J. Tooby (Eds.), *The Adapted Mind*, chapter 1; M. Daly & M. Wilson, *Homicide*, chapters 1, 7; S. Pinker, *The Language Instinct*.

Teaching Arrangements: 10 x 1.5 hr seminars, L.

Ph141

Research Methods in Philosophy V

Teachers Responsible: Professor N. Cartwright, Room A212 and Dr. Gabriel Segal (King's College)

Course Primarily Intended for M.Sc. Philosophy & History of Science, M.Sc. and Dip. Philosophy of Social Sciences.

Course Content: What kind of a subject is philosophy? Can it provide answers to questions about the real world without employing any of the commonly recognized modes of empirical enquiry, or must it concern itself with "other-worldly" matters?

Teaching Arrangements: 10 x 1.5 hr seminars, L.

PSYCHOLOGY

Ps170

Current Research in Social Psychology

Teacher Responsible: Dr. G. Gaskell, Room S307

Course Intended Primarily for staff and research students.

Teaching Arrangements: Weekly seminars (Ps170) Michaelmas, Lent and Summer Terms.

Examination Arrangements: Non-examinable.

SOCIAL POLICY AND ADMINISTRATION

Students registered for the M.Phil. in the Department of Social Policy and Administration are normally required to attend seminars provided by the Methodology Institute and the Department on research methods. The courses available will be listed in the introductory booklet. In addition, first year students will attend SA160. Second year students attend SA161. In addition students are encouraged to attend other graduate seminars relevant to the subject of their research.

The progress of each student is reviewed during the Summer Term of the first year for full-time students, of the second year for part-time students. Students present a detailed thesis proposal, a literature review, and an outline of their proposed methodology. These must each be of a standard acceptable to the department.

Course Guides

SA160

Theories, Concepts and Current Issues in Social Policy (Seminar)

Teachers Responsible: Professor H. Glennerster, Room A279, Professor J. Lewis, Room A280, Professor R. A. Pinker, Room A 243 and Professor J. Le Grand, Room A244.

Course Intended for M.Phil./Ph.D. students, particularly those in their first year.

Course Content: This course is intended to address theoretical and conceptual issues arising in the study of social policy at an advanced level and to familiarise students with new literature and current debates in the field. The course will begin with a consideration of key concepts, for example dependency, community, discretion equality, efficiency and effectiveness, citizenship and social rights. Concepts will be explored using illustrations dictated by the substantive interests of incoming students. We shall then proceed to examine current issues of debate which throw up both conceptual and theoretical problems. For example, the relationship between the voluntary sector, the market and the public sector over time and between policy sectors; the meaning of community care; and the literature on the origins and outputs of advanced welfare states, which also raises method-

ological issues of measurements and the respective contributions of different disciplines. In the Summer term students will be asked to present their research plans.

Teaching Arrangements: Fortnightly meetings throughout the session.

Reading List: A full reading list will be provided as the course proceeds.

SA161

Thesis - Writing Seminar

Teacher Responsible: Professor David Piachaud, Room A240

Course Intended Primarily for M.Phil. and Ph.D. students in their second, third and subsequent years.

Course Content: The seminar will provide a forum for students to discuss their work in progress on their thesis, focusing upon the strategy adopted for data analysis and writing up, problems encountered in doing so, and the interrelationship between the analysis of the substantive problem and the research materials upon which the student is working. Each participant will be expected to make a presentation of their own work in progress as a basis for discussion.

Teaching Arrangements: Six seminars during the Michaelmas and Lent Terms.

SOCIOLOGY

Students registered for the M.Phil. in Sociology will normally be required by the Department of Sociology to attend the Research class for M.Phil. students during the first year of their registration. In this course they will be required to present, normally during the Summer Term, a paper of about 2,500 words on the design of their intended research project. This must be of a standard satisfactory to the Sociology Department.

In addition, students may be expected to attend up to two further courses as agreed by their supervisors and the Department during their first year of registration. They will normally be required to attain a standard satisfactory to the Department in either or both of these courses. If a student has an inadequate grounding in methodology, one of these courses may be Design and Analysis of Social Investigation.

Course Guides

So183

Research Class for M.Phil. Students

Teacher Responsible: Dr. L. Sklair, Room A350

Course Intended for first-year research students in Sociology.

Course Content: The course begins with a series of introductory classes on how to do sociological research, including an introduction to the L.S.E. computer services. In the second term, research students present papers on the aims and methods of their proposed research. Each student must submit a paper of between 5,000 and 10,000 words (two copies) for Departmental approval during Summer Term.

So184

Research Students' Seminar

Teacher Responsible: Mr. M. Burrage, Room A375

Course Intended for continuing research students in Sociology.

Course Content: The course will consist of papers given by continuing research students.

Teaching Arrangements: Seminars (So184) 9 Michaelmas, 10 Lent and 10 Summer Term.

Reading List: P. Dunleavy, *Studying for a Degree*, esp. chap. 5.

So185

Research Seminar on the Sociology of Crime and Deviance

Teachers Responsible: Professor D. Downes,

Room A246 and Professor P. E. Rock, Room A454b
Course Intended for students preparing dissertations on the Sociology of Deviance and allied areas for the M.Phil. and Ph.D. degrees.

Core Syllabus: Designed to encourage public discussion of evolving work, the seminar will enable participants to review their own, others', and general problems encountered in the process of exploring deviant and allied phenomena.

Teaching Arrangements: Twenty seminars (So185), Michaelmas and Lent Terms.

Examination Arrangements: Non-examinable.

So186

Sociology Department Seminar

Teacher Responsible: Professor E. Barker, Room S684

Core Syllabus: A seminar series open to all staff and students of the Sociology Department, in which either departmental members or outside visitors give papers on their current research.

So187

Research Workshop on Ethnicity and Nationalism

Teacher Responsible: Professor A. D. Smith, Room S776

Course Intended for M.Phil./Ph.D. students specialising in Ethnicity and Nationalism, who have attended So5883 or So6850, or equivalent at another University.

Course Content: Critical analysis of recent theories and research in the fields of Ethnicity and Nationalism.

STATISTICS

All students are normally first registered for the M.Phil. degree. Transfer to the Ph.D. takes place at the end of the second year in suitable cases.

During the first year of registration, students often attend M.Sc. and Research training courses to improve their background knowledge. They are required in all years of registration to attend Departmental Seminars. Students must make presentations of their work, and their progress is regularly assessed by a Departmental Committee.

Course Guides

ST273

Quantitative Analysis in Social Research

(Not available 1994-95)

Teachers Responsible: Mr. C. O'Muircheartaigh, Room S214 and Professor D. Bartholomew, Room S213

Course Intended Primarily for Research students, Ph.D., M.Phil. and Research Fee students in all departments of the School, however priority will be given to students in Industrial Relations and Social Psychology.

Core Syllabus: The course will provide a brief intensive introduction to the principles and methods of statistical analysis applicable to social research data.

Pre-Requisites: None.

Examination Arrangements: There will be no formal assessment associated with this course.

ST274

Workshop in Applied Statistics

Teacher Responsible: Miss Susannah Brown, Room S211

Course Intended Primarily for Research students, Ph.D., M.Phil. and research fee and M.Sc. students in all departments of the School whose research or project work involves the use of or appreciation of statistical techniques and methodology, and the use of computer packages for statistical analyses.

Core Syllabus: The workshop will deal with the practicalities of statistical data analysis in research within the social sciences.

Course Content: There is no formal syllabus. The initial meetings will outline the computing and other support facilities available within the School. Subsequent sessions will introduce statistical packages and techniques and participants will be able to seek help with their particular problems.

Pre-Requisites: None except the need for such support.

Teaching Arrangements: One two-hour meeting per week in the Michaelmas, Lent and Summer Terms, starting in week three of the Michaelmas Term.

Reading List: Reading will be recommended according to need.

Examination Arrangements: There will be no formal assessment associated with this course.

ST275

Seminar in Survey Methodology

Teacher Responsible: Mr. C. O'Muircheartaigh, Room S214

Course Intended Primarily for Research students, Ph.D., M.Phil., and Research Fee students in all departments of the School.

Course Content: The course will provide a general introduction to the major areas of methodology for social surveys, and will also provide an introduction to some of the principal social surveys carried out in the UK. Recent developments in survey methodology will also be covered.

Pre-Requisites: None.

Teaching Arrangements: The seminar series will run for 10 weeks, in the Lent Term.

Examination Arrangements: There will be no formal assessment associated with the course.

Dates of Examinations

1994-95

First Degrees

The main period of examination in 1995 for the following School-based degrees will be from Monday 22 May to Friday 9 June:

B.Sc. (Econ.) Parts I and II

LL.B.

B.Sc. Degree - by course units

B.A. Degree

B.Sc. Management

For these degrees, the completion of the Selection of Papers form and later amendments on a Course Change form serve as a provisional examination entry. Candidates will be required to complete a *confirmation* of examination entry in Lent Term. Candidates will have to obtain the signature of their tutor on the Confirmation of Entry form. The tutor will be asked to certify that he/she is satisfied with the attendance at teaching, the work and progress of the candidate and to approve his/her entry for the examination in each paper.

The detailed examination timetable, setting out the times and places for the examination in each paper, will be published at the beginning of the Summer Term.

For the following University-based degree, a special examination entry form must be completed:

B.A. History

The closing date for entry and the examination timetable for papers in this course will be published by the University.

General Course Examinations

The timetable and examination entry procedures for General Course candidates are in general the same as those given above.

Diplomas

The timetable and examination entry procedures for Diploma students are in general the same as those given above. Different arrangements apply for the University Diplomas in Law and in International Law (arrangements are described in the course entries in the preceding papers).

Master's Degrees

The entry procedure for Master's students is described in detail in the section 'Master's Degrees' in the preceding pages.

N.B. Although every endeavour is made to ensure accuracy in the following dates, it should be noted that the timetable for Master's degree examinations is made up each year by the University of London Examinations Department on the basis of the examination entries received. The University Examinations Department is the authoritative source of information on the timetable.

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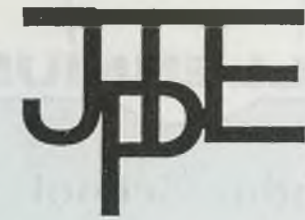
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